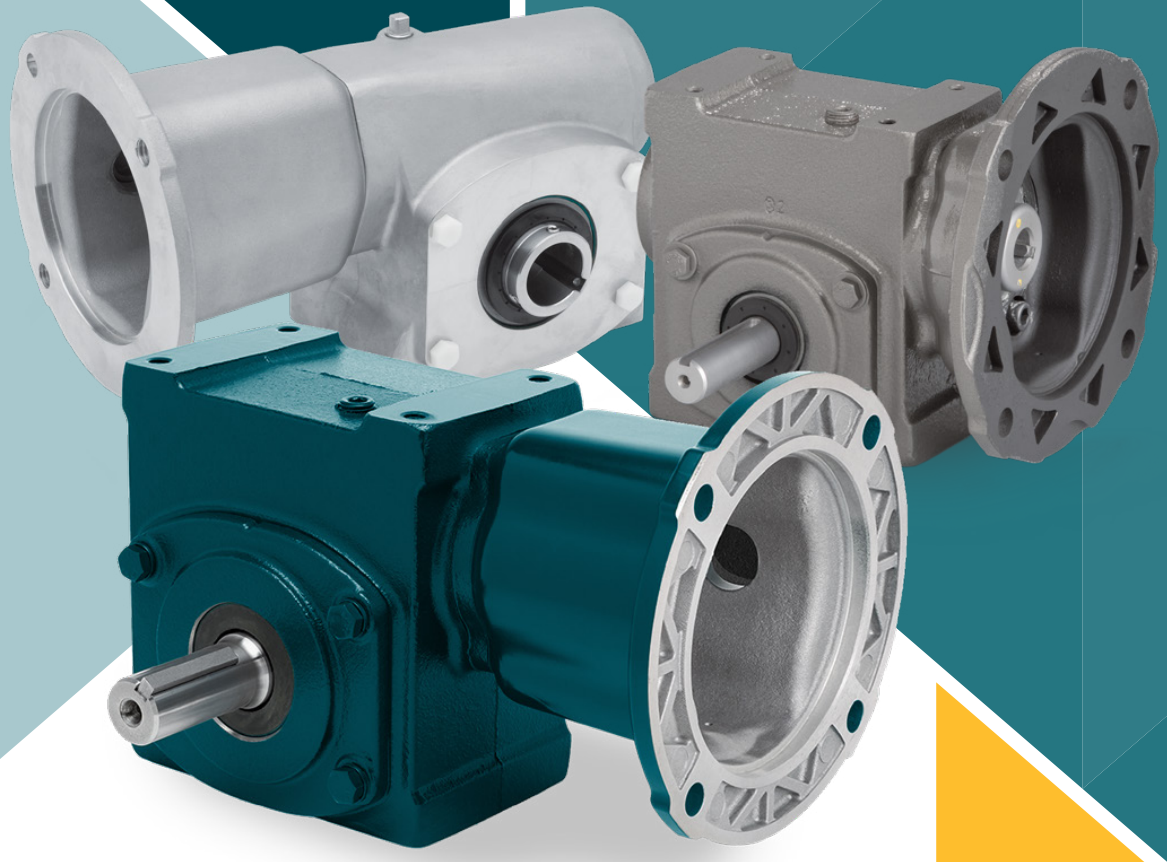
TIGEAR®-2

WORM GEAR REDUCERS

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WARNING

The information provided for Product Interchange in this catalog is for use only as a general reference by persons qualified to recognize unreasonable selection options. Products suggested as substitutes may have dimensional, rating, pricing and other differences from products to be replaced. This selection method must be used in conjunction with the applicable product catalog which contains important precautions and other pertinent information.

In illustrations throughout this catalog, safety guards have been removed for photographic purposes.

Warning: Because of the possible danger to person(s) or property from accidents which may result from the improper use of products, it is important that correct procedures be followed: Products must be used in accordance with the engineering information specified in the catalog. Proper installation, maintenance and operation procedures must be observed. The instructions in the instruction manuals must be followed. Inspections should be made as necessary to assure safe operation under prevailing conditions. Proper guards and other suitable safety devices or procedures as may be described or as may be specified in safety codes should be provided, and are neither provided by Dodge Industrial nor are the responsibility of Dodge Industrial. This unit and its associated equipment must be installed, adjusted and maintained by qualified personnel who are familiar with the construction and operation of all equipment in the system and the potential hazards involved. When risk to persons or property may be involved, a holding device must be an integral part of the driven equipment beyond the speed reducer output shaft.

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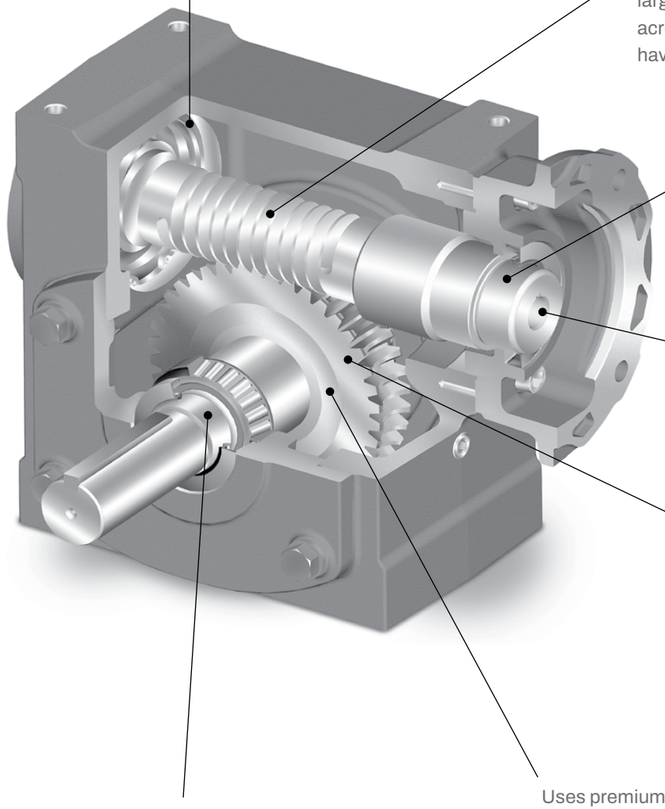
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Features and benefits

Tigear-2 worm gear reducers

- 16 case sizes
- 1.33—4.75 inches center distances
- 5:1—60:1 standard reductions
- Quill, separate, or three-piece-coupled input
- Solid or hollow output
- Cast-iron or stainless-steel housing
- Ventless, sealed design

On average, Tigear-2 delivers more torque than competitive, same-sized models. This permits downsizing and helps reduce total cost of ownership. Tigear-2 reducers share the same footprint and most critical mounting dimensions with original Tigear and many competitive models.

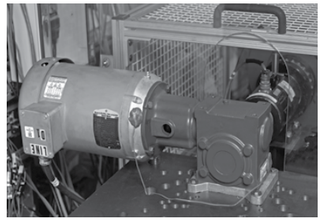


Tigear stands for “Tough Industrial Gear”

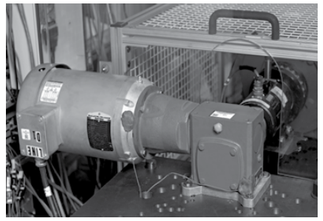
Test summary

We rigorously tested and examined Tigear-2 against two competitive manufacturers. Three gearboxes from each manufacturer were tested in a controlled, consistent environment. Once testing was complete, each tested gearbox and gearboxes in additional sizes were disassembled and evaluated—demonstrating significant design differences between Tigear-2 and other manufacturers.

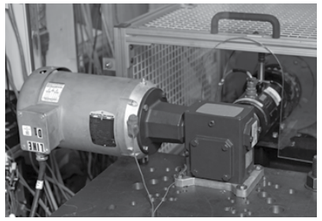
Testing parameters



Tigear-2



Competitor B



Competitor C

	Tigear-2	Competitor B	Competitor C
Case size	20	21	821
Center distance	2.00 in	2.06 in	2.06 in
Ratio	15:1	15:1	15:1
Test input horsepower	3.38 hp (200 percent of old 1.69 hp catalog rating)	3.38 hp (197 percent of 1.72 hp catalog rating)	3.38 hp (179 percent of 1.88 hp catalog rating)

Oil: Highest quality offered by the manufacturer

Run time: 500 hours or until failure, whichever came first

Test results

True to its reputation, the test results prove Tigear-2 is engineered to provide uncompromising, industry-leading performance and product life.

- **Tigear-2:** all gearboxes met the entire 500-hour test without measurable wear
- **Competitor B:** all gearboxes failed at an average run time of 174 hours, and each unit displayed nearly complete wear of worm gear teeth
- **Competitor C:** all gearboxes ran for the testing period, but each unit displayed a noticeable wear step on the worm gear—indicating reduced life

Once the 500-hour comparative test concluded, we continued to test Tigear-2 at 200 percent load where it ran for over 3,000 hours—refusing to fail.



Increased ratings to match superior performance

Tigear-2’s design exemplifies the Dodge® philosophy of going the extra mile to build products that last the longest. Competitive testing shows the Dodge solution is truly Tigear Tough, and as a result, we have increased the ratings for Tigear-2 to match its engineered design and performance.

The newly published Tigear-2 ratings apply to all versions of Tigear-2, including E-Z Kleen and FoodSafe. The increased ratings have been confirmed via industry-standard design principles as well as through extensive dynamic and thermal testing—each backed by our engineering, manufacturing, and customer service excellence.

Tigear-2 worm gear reducers

Configuration options

The advanced, robust design of Tigear-2 provides flexibility for applications requiring up to 8,200 lb-in of output torque. Whether an application requires the compactness of a quill-style input, the durability of a three-piece coupled input, or a separate keyed input shaft for belt-driven equipment, Tigear-2's robust design provides for long life. It is available in solid shaft and hollow output configurations that are dimensionally interchangeable with most competitive brands.

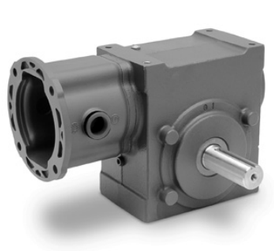




Quill input

Space-saving quill-style input reducers for NEMA C-face motors are available with both solid and hollow output designs.

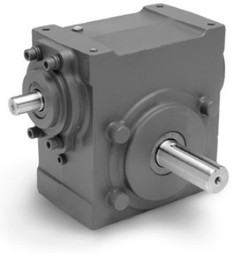




Three-piece coupled input

Three-piece coupled input utilizes a jaw coupling to facilitate easy motor removal and provides protection against shock loads and other unpredictable vibrations.





Separate input

Separate style input reducers are available with solid or hollow output shafts.

Tigear-2 worm gear reducers

Tigear-2 is sealed for life and is maintenance free

The totally enclosed sealing system operates effectively without a pressure vent. Tigear-2 is completely sealed and is maintenance free; there is no need to add a vent or change the vent location based upon different mounting positions.

Special hydrodynamic wave seal design

The special wave shape (molded into the seal lip) generates a hydrodynamic film between the seal and the shaft for long life. This design generates less drag, less heat, and virtually eliminates shaft grooving created by the single-point wear track, which is common with conventional trimmed lip seal designs. The sinusoidal lip of the wave seal effectively pushes external contaminants away and pumps lubricant back into the oil sump.

Special lip construction

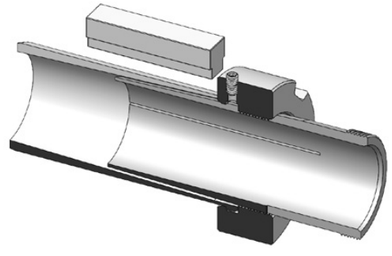
Optimized lip-to-shaft contact pressures ensure maximum life. In addition, special sealing elements operate under pressure without detrimental effect on service life or sealing performance.

Factory-filled synthetic lubricant

The standard synthetic lubricant used in Tigear-2 meets H1 food-grade requirements and accommodates a wide range of operating temperatures. In extensive laboratory tests, it lowered operating temperatures by 20 °F over other popular synthetics. No scheduled oil changes are required.

Grip Tight® tapered adapter bushing system eliminates hop and wobble





Locking system

The Tigear-2 reducer's Grip Tight bushing system uses tapered surfaces to simplify installation and removal as well as prevent fretting corrosion. Installation is streamlined with captive fasteners, and a locking nut facilitates removal.

Minimum shaft length

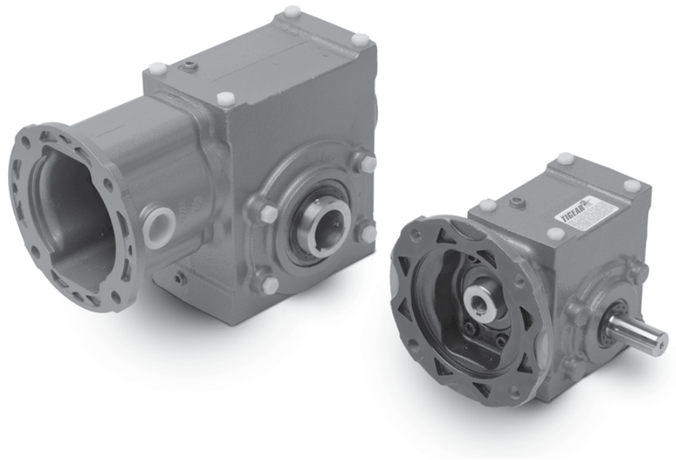
The system's engineered design allows for mounting in some of the tightest places on almost any size shaft (driven shafts need not protrude completely through the reducer bore).

Bushing versatility

When used in pairs, the tapered bushings can be used without output keys. Corrosion resistant options are available for severe washdown applications.

Tigear-2 washdown reducers

E-Z Kleen



E-Z Kleen Tigear-2 reducers offer superior corrosion resistance and sealing to meet the requirements of harsh washdown applications.

Standard features

- IP69-rated for protection against liquid ingress
- Tough three layer epoxy coating system
- Stainless color top coat—white finish also available
- Offered in sizes 13 through 35 with quill and three-piece coupled inputs
- Available with solid and hollow output shafts
- 300-series stainless-steel output shafts and stainless hardware
- Two-piece harsh-duty output seals that reduce ingress and contamination
- Factory-filled with premium, high-quality H1 food-grade synthetic lubrication
- Dimensionally interchangeable with most competitive brands

Availability:

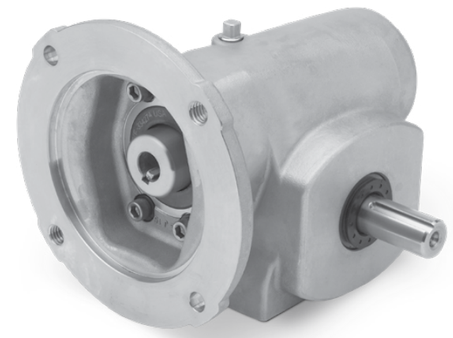
- Wide selection of units available from stock

Washdown accessories

- Stainless-steel straight bore bushings
- Stainless-steel Grip Tight bushings
- E-Z Kleen bolt-on base kit
- E-Z Kleen riser block kit
- E-Z Kleen J-mount kit
- E-Z Kleen output flange kit
- E-Z Kleen torque arm kit
- E-Z Kleen output bracket

Tigear-2 washdown reducers

FoodSafe



FoodSafe stainless-steel reducers are the best choice for premium washdown protection and where stainless-steel construction is required.

Standard features

- IP69-rated for protection against liquid ingress
- Rounded housing design prevents accumulation of material or liquid and reduces harbor points
- 300-series stainless-steel housings with laser marked nameplate
- Offered in sizes 17 through 30 with quill and three-piece coupled inputs
- 300-series stainless-steel solid and hollow output shafts and stainless hardware
- Two-piece harsh-duty output seals that reduce ingress and contamination
- Factory-filled with premium, high-quality H1 food-grade synthetic lubrication
- Tapered roller bearings on output shaft
- Critical mounting dimensions are the same as standard Tigear-2 reducers
- Dimensionally interchangeable with most competitive brands

Availability:

- Wide selection of units available to ship from stock

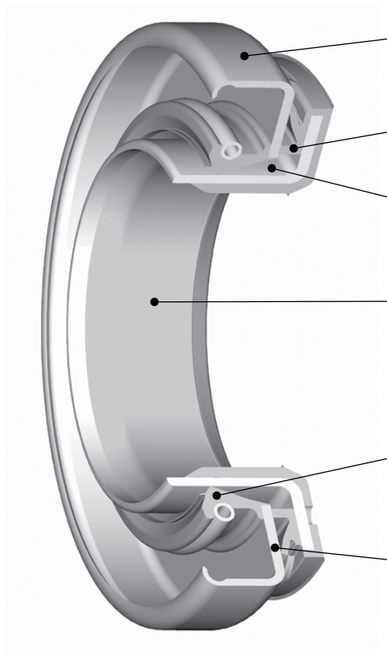
Washdown accessories

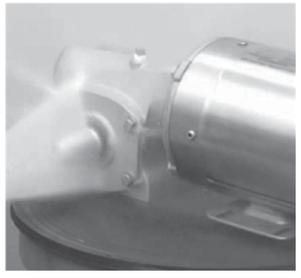
- Stainless-steel straight bore bushings
- Stainless-steel Grip Tight bushings
- Stainless-steel bolt-on base kit
- Stainless-steel output flange kit
- Stainless-steel torque arm kit

Tigear-2 washdown reducers

XT harsh-duty sealing system

Both our E-Z Kleen and FoodSafe options feature a robust sealing system engineered to withstand harsh sanitary environments and rigorous washed procedures, and are backed by a 1-year guarantee against failure due to water ingress.





IP69-Rated

IP69 is the recommended standard for washdown environments. Products carrying on IP69 rating for water are protected against high-temperature and high-pressure spray at close proximity. Although industry guidelines recommend limiting cleaning pressures to 200 psi to prevent atomizing bacteria, our testing is conducted at seven times this pressure to demonstrate the robustness of our sealing system. Both our E-Z Kleen and FoodSafe Tigear reducers have passed this test showcasing the sealing capabilities of our XT harsh-duty seals.



Tigear-2 washdown reducers feature the industry's only 1-year performance guarantee in which the gearbox will not fail due to water ingress.

General specification

Tigear-2 worm gear reducers

The speed reducer shall be a single reduction worm gear reducer incorporating three input configurations that include quill style for direct attachment of electric motors, a separate keyed input shaft suitable for flexible coupling to a footed motor or belt-and-pulley input configuration and a motor adapter style input that employs a three-piece coupling to connect an electric motor to the reducer. These input configurations shall be available in both solid and hollow output shaft designs. The reducer shall be assembled and quality tested in the USA.

Gearing

Worm gear geometry shall be highly optimized for rating and efficiency and precision manufactured with a single enveloping design.

The worn shaft shall be hardened steel. The worm gear shall be fine-grain, copper-tin bronze that is specially alloyed for superior durability and wear resistance. All units shall have the worm gear set properly centered during assembly to produce an optimum contact pattern.

Gear design and power transmission ratings conform to globally accepted rating standards.

Castings

The gear case and bearing housing shall be manufactured from Class 30 gray iron. The optional bolt-on base, motor flange, and other accessories shall be available in either cast iron, aluminum, or steel.

A riser block kit, designed for mounting to the top surface, shall be available to provide a method for avoiding a mounting arrangement that would position the input shaft below the level of the output shaft.

The reducer shall be sealed with no direct passage from the oil sump to the ambient atmosphere—a closed system. This ventless design ensures no contamination of lubricant from the external environment.

Lubrication

The standard lubrication shall be a synthetic type that is suitable for USDA Class H1 environments. The manufacturer must state in writing that the lubrication shall require no periodic changing. Alternate synthetic lubricants made from the same base material as the standard shall be available to accommodate extreme temperature applications.

All reducers shall be factory-filled by the manufacturer with the proper volume of synthetic lubricant so that the reducer can be applied in any approved mounting position without any modifications to the reducer.

Bearings

Output shafts shall incorporate tapered roller bearings shimmed for proper running clearances and be designed for maximizing over hung load rating.

Sealing

Oil seals shall be made of premium materials and shall operate on plunge ground seal journals having an 8—17 Ra, 65—115 Rz micro finish. Seals made using nitrile or fluoroelastomer materials are not acceptable.

Oil seals shall have a minimum temperature range of -40 °F to 300 °F (-40 °C to 149 °C).

All sealing-joints, except fill plug, shall be O-rings. Reducers shall incorporate no silicone rubber sealant of any kind.

Hardware

All fasteners shall be minimum Grade 5 and have locking provisions. Motor mounting bolts, input keys, and output keys shall be provided.

External conditions

When properly service factored to account for the thermal limitations of the reducer, the standard construction shall be suitable for use in ambient temperatures from 0 °F to 120 °F.

The thermal ratings listed on ratings pages are based on the gear unit continuously operating in an ambient temperature of 75 °F. For the ambient condition above 75 °F, the derating factor needs to be applied to the thermal rating, or contact Dodge Application Engineering for assistance.

Washdown operating environments shall be addressed with a special-coated gear case incorporating stainless-steel hardware and stainless-steel output shaft.

Severe washdown operating environments shall be addressed with a stainless-steel gear case incorporating stainless-steel hardware and a stainless-steel output shaft.

Nomenclature and how to order

Tigear-2 worm gear reducers

All Tigear-2 reducers and accessories have a part number. Reducer part numbers are found in the ratings, dimensions tables, and accessories are listed in the accessories section. When placing an order, specify the reducer part number and part numbers of selected accessories.

Part number example:

30Q15L14 Size 30, quill input, 15:1 ratio, left-hand output, 140TC input

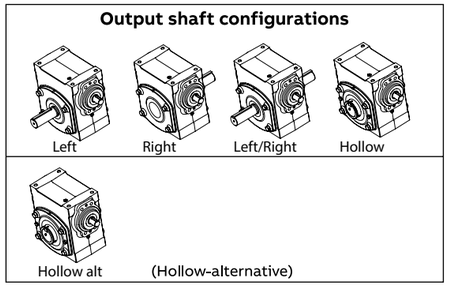
30BASE Size 30 bolt-on base kit

Reducer nomenclature

Stainless-steel option	Size	Input style	Washdown option	Nominal ratio	Output	Motor frame	Special options
SS = FoodSafe	13 = 1.33 CD	Q = Quill	Z = E-Z Kleen	04 (5)	L	56 = 56C	
	15 = 1.50 CD	S = Separate		05	R	14 = 140TC	
	17 = 1.75 CD	A = Three-piece coupled		06 (6)	LR	18 = 180TC	
	176 = 1.75 CD (8)			07	H	21 = 210TC	
	20 = 2.00 CD			10	HA	25 = 250TC	
	202 = 2.00 CD (9)			12			
	21B = 2.00 CD (1)			15			* Refer to Special options and modifications section for full list and details
	23 = 2.31 CD			18			
	232 = 2.31 CD (10)			20			
	26 = 2.62 CD			25			
	30 = 3.00 CD			30			
	32 = 3.00 CD (2)			40			
	35 = 3.50 CD			50			
	38 = 3.50 CD (3)			60			
	40 = 4.00 CD (4)			80 (7)			
	47 = 4.75 CD			100 (7)			

CD = center distance; dimension is in inches (in) unless otherwise specified
(1) Non-standard mounting bolt pattern
(2) Same mounting and output shaft dimensions as some reducers with 3.25-inch center distance
(3) Same mounting and output shaft dimensions as some reducers with 3.75-inch center distance
(4) Same mounting and output shaft dimensions as some reducers with 4.25-inch center distance
(5) Ratio 4 is available only for sizes 20 and 23
(6) Ratio 6 is available only for sizes 26, 30, and 32
(7) Ratios 80 and 100 are available only in size 26
(8) Size 17 with 1.00 inches extended length output shaft
(9) Size 20 with 2.00 inches extended length output shaft
(10) Size 23 with 1.00 inches extended length output shaft

Output shaft configurations



Special options and modifications

Worm gear reducers

Modifications

Tigear-2 modifications provide common options for the Tigear-2 product line. All options are performed at the factory but standard delivery time may be increased. All modified units will be assigned a unique part number. Contact Dodge for price and lead time.

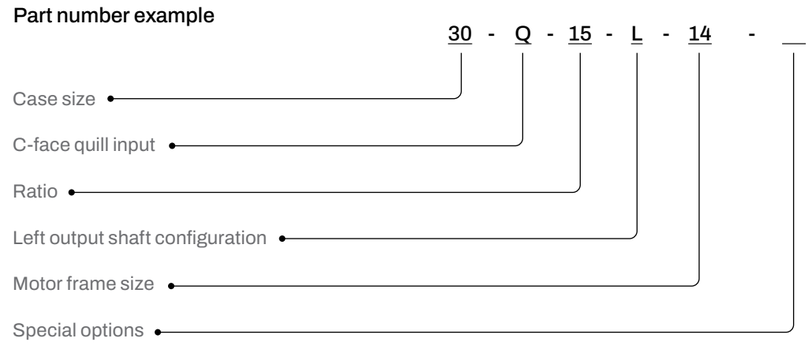
Modification	Part number suffix	Notes
Special output bore diameter	BDyxx	See Note 1
Flanged housing	FH	Solid shaft housing drilled and tapped for output accessories
Harsh-duty output seals	HD	Option available only on standard reducers
Special input shaft diameter	IDyxx	Option only available on Separate reducers. See Note 1 and Note 2
Special input shaft length	ILyxx	Option only available on Separate reducers. See Note 1 and Note 2
Low temperature lubricant	LT	Suitable for -20 °F to 0 °F temperature range
No lube	NL	Reducer shipped without oil
Special sealed input bearing	SB	For vertically mounted three-piece coupled input reducers. Bearing is changed from open to sealed
Stainless-steel hardware	SH	Option available only on standard units
Stainless epoxy paint	SP	Option available only on standard units. See Note 2
Special output shaft length	SLyxx	See Note 1
Special output shaft diameter	SDyxx	See Note 1
White epoxy paint	WP	See Note 2
Black paint	BP	See Note 2

Note 1 - Dodge approval required y = the whole number of inches required xx = the number of sixteenths (Example: for 1.5, yxx = 108; for 2-15/16" yxx = 215; etc.)

Note 2 - Not available on FoodSafe reducers

For metric dimensions, annotate yxx in the closest inch dimension and add metric dimension to note on order.

Part number example



Shipping weights

Tigear-2 reducers

Approximate shipping weight (lb)

Standard and E-Z Kleen

Input style	Motor frame	Reducer case size											
		13	15	17	20/21B	23	26	30	32	35	38	40	47
Quill and separate	56/140	17	20	26	31	45	51	81	85	100	109	160	—
	180/210	—	—	—	—	47	53	86	90	102	111	160	245
	250	—	—	—	—	—	—	—	—	—	—	160	245

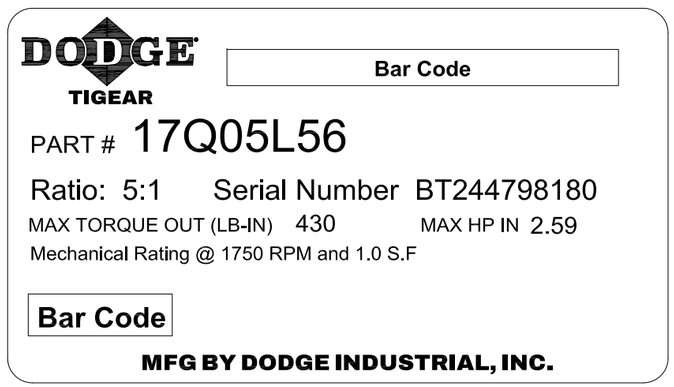
Input style	Motor frame	Reducer case size											
		13	15	17	20	23	26	30	32	35	38	40	47
3-Piece coupled	56/140	18	22	29	34	50	57	91	95	113	122	166	—
	180/210	—	—	—	—	53	60	108	112	120	129	166	251
	250	—	—	—	—	—	—	—	—	—	—	166	251

FoodSafe

Input style	Motor frame	Reducer case size											
		17	20	23	26	30	—	—	—	—	—	—	—
Quill	56/140	28	38	50	65	79	—	—	—	—	—	—	—
	180	—	—	50	65	79	—	—	—	—	—	—	—

Input style	Motor frame	Reducer case size											
		17	20	23	26	30	—	—	—	—	—	—	—
3-Piece coupled	56/140	32	42	58	69	83	—	—	—	—	—	—	—
	180	—	—	58	69	83	—	—	—	—	—	—	—

Tigear-2 – Nameplate layout



To determine manufacture's date code refer to serial number

BT = Belton plant

24 = Year (e.g., 2024)

47 = Week

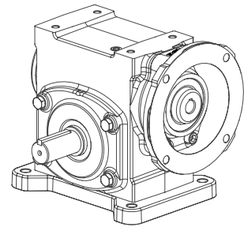
Last five numbers are for internal use

Mounting positions

Tigear-2 reducers

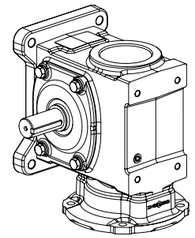
Tigear-2 reducers are supplied with a high performance lubricant factory-filled to a level suitable for all approved mounting positions. There are however, positions that may reduce life. Mounting position nomenclature is not required when ordering. Mounting positions apply to all input and output configurations.

Floor mounted, motor adapter, or input shaft above the output shaft

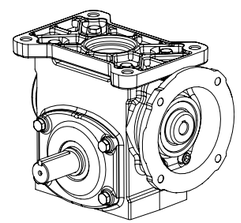


Wall mounted, motor adapter, or input shaft facing down

Not recommended for continuous operation. Contact Dodge Engineering for additional information.



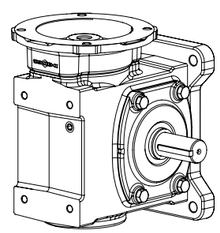
Ceiling mounted, motor adapter, or input shaft above the output shaft



Wall mounted, motor adapter, or input shaft facing up

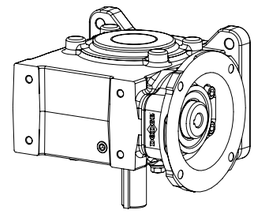
Three-piece coupled and separate input units require a special sealed input bearing.

(Refer to Special options and modifications for additional information).



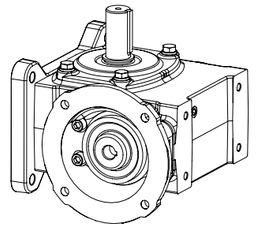
Wall mounted, output shaft down

Use three-piece coupled style input for continuous duty applications. Quill style input approved for intermittent-duty use only.



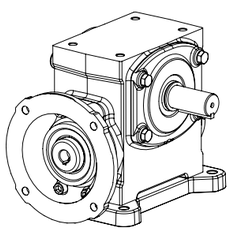
Wall mounted, output shaft up

Use three-piece coupled style input for continuous duty applications. Quill style input approved for intermittent-duty use only.



Motor adapter or input shaft below output shaft

Not recommended for continuous operation. Contact Dodge Engineering for additional information.



Selection procedures

Tigear-2 worm gear reducers

Selection using rating tables

Because the efficiency of worm gear speed reducers varies from approximately 60 to 95 percent, it is important to consider the horsepower and torque conditions at both input and output in a given application. In a situation where motor horsepower is known (e.g., competitive interchange or when a particular motor is available), selection can be done based on input ratings. Where a gearbox is being selected by a designer who knows driven equipment loads, the reducer is selected from the output torque capacity.

Note: Although many customers successfully use quill style reducers for the applications listed below, we strongly recommend using three-piece coupled reducers. This will minimize fretting corrosion of the input quill, which makes motor removal difficult. Three-piece coupled reducers also provide benefits in these applications:

- Reversing applications
- Use of single-phase motors
- Frequent starts and stops, more than 10 per hour
- Brakemotor applications
- Variable speed motors
- Clutch and brake units always require three-piece coupled reducers

All Tigear-2 selections and ratings are based on an input speed of 1,750 rpm. Maximum input speed for quill style input units should not exceed 1,800 rpm. For separate and three-piece coupled style input, maximum input speed should not exceed 2,000 rpm.

Reducer service factors

Prime mover	Duration of service per day	Driven machine load classification		
		Uniform	Medium shock	Heavy shock
Electric motor	Occasional 1/2 hour	Note (1)	Note (1)	1.00
	Less than 3 hours	1.00	1.00	1.25
	3—10 hours	1.00	1.25	1.50
	Over 10 hours	1.25	1.50	1.75
Electric motor with up to 10 starts and stops per hour	Occasional 1/2 hour	Note (1)	1.00	1.25
	Less than 3 hours	1.00	1.25	1.50
	3—10 hours	1.25	1.50	1.75
	Over 10 hours	1.50	1.75	2.00

(1) Unspecified service factors should be 1.00 or as agreed upon by user and manufacturer.

(2) Frequent start and stop applications, more than 10 starts and stops per hour, require special consideration in selecting a service factor. Contact Dodge Application Engineering for proper selection of Tigear-2 reducers. The brake torque should be limited to two times the normal operating motor torque.

Overhung load

To determine overhung load, divide the torque required by the pitch radius of the sprocket, sheave, etc. and multiply by the appropriate factor as follows:

Chain drive	1.00
Synchronous belt drive	1.30
Spur or helical gear	1.25
V-belt	1.50
Flat belt	2.50

The calculated overhung load must not exceed the output overhung load rating.

For loads acting at more than one shaft diameter from the seal face use the following conversion factors:

Distance in shaft diameters from output seal face	Multiply overhung load capacity by this factor
1D	1.00
2D	0.62
3D	0.42
4D	0.32
5D	0.26

Tigear-2 worm gear reducers

Thermal rating

The thermal ratings listed on selection pages are based on the gear unit continuously operating in an ambient temperature of 75 °F. For the ambient condition above 75 °F, the derating factor needs to be applied to the thermal rating, or contact Dodge Application Engineering for assistance.

Caution: Always refer to the installation, operation and maintenance manual before operating the reducer.

Ambient temperature (°F)	Derating factor
75	1.00
90	0.87
100	0.79
110	0.71
120	0.62

Horsepower method of selection

Step 1: Determine service factor

Referring to the reducer service factor table, determine the appropriate service factor.

Step 2: Determine equivalent horsepower

Multiply the motor horsepower by the service factor obtained in step 1.

Step 3: Calculate required ratio

Divide the motor shaft speed (rpm) by the reducer output shaft speed (rpm).

Step 4: Determine unit size

Refer to the rating tables and read across from ratio row and down from motor horsepower column to select a unit whose mechanical input horsepower rating meets or exceeds the equivalent horsepower.

Step 5: Check thermal rating

Compare the thermal input horsepower rating of the reducer selected to the motor horsepower. Thermal rating should always equal or exceed applied motor horsepower. For continuous duty operation in ambient temperature above 75 °F derate the thermal rating per table above or contact Dodge engineering. Contact Dodge engineering for use with non-ventilated motors.

Torque method of selection

Step 1: Determine service factor

Referring to the reducer service factor table, determine the appropriate service factor.

Step 2: Determine equivalent torque

Multiply the torque required to drive the load at the output of the reducer by the service factor obtained in step 1. If drive components, such as chain or belt drives, are used between a reducer and driven equipment, be sure to account for them when calculating output torque at the reducer.

Step 3: Calculate required ratio

Divide the motor shaft speed (rpm) by the reducer output shaft speed (rpm).

Step 4: Determine unit size

Refer to the rating tables and read across from ratio row and down from motor horsepower column to select a unit whose mechanical output torque rating meets or exceeds the equivalent torque.

Step 5: Determine required motor horsepower

First, calculate the output horsepower using the following equation where output torque is the torque required to drive the load at the output of the reducer.

$$\text{Output horsepower (hp)} = \frac{\text{Output speed} \times \text{Output torque}}{63{,}025}$$

Then calculate the required motor horsepower using the following equation to account for reducer efficiency:

$$\text{Required motor horsepower (hp)} = \frac{\text{Output hp} \times \text{Rated reducer input hp}}{\text{Rated reducer output hp}}$$

Step 6: Select motor horsepower

From available motors, select a horsepower that is equal to or greater than the value from Step 5. When the nearest motor horsepower is greater, check service factor at input by dividing rated input of reducer horsepower by actual motor horsepower. If the service factor is less than the value from step 1, a larger reducer may be required.

Step 7: Check thermal rating

Compare the thermal input horsepower rating of the reducer selected to the motor horsepower. Thermal rating should always equal or exceed applied motor horsepower. For continuous duty operation in ambient temperature above 75 °F derate the thermal rating per table above or contact Dodge Application Engineering.

Contact Dodge Application Engineering at +1 864 284 5700 for use with non-ventilated motors.

Selection tables

By horsepower and service factor

1.00 reducer service factor

This quick selection table highlights calculated, theoretical output torque (lb-in) for given horsepower and ratios. For maximum ratings, see individual product pages.

1,750 rpm input

Output speed (rpm)	Ratio		Motor horsepower (hp)													
			0.25	0.33	0.50	0.75	1.00	1.50	2.00	3.00	5.00	7.50	10.00	15.00	20.00	30.00
350	5	Size	13	13	13	13	13	15	17	20	23	26	30	35	40	47
		Torque	42	55	83	125	166	251	332	503	838	1,269	1,705	2,562	3,406	5,092
		Output OHL	650	650	650	650	650	710	1,050	1,380	1,330	1,330	1,330	2,120	2,860	5,100
233	7.5	Size	13	13	13	13	13	15	17	20	26	30	30	40	47	—
		Torque	61	81	122	183	244	365	493	740	1,247	1,887	2,516	3,775	5,033	—
		Output OHL	650	650	650	650	650	710	1,190	1,560	1,520	1,540	1,540	3,280	5,600	—
175	10	Size	13	13	13	13	13	15	17	20	26	30	35	40	47	—
		Torque	79	105	159	238	318	478	638	964	1,629	2,476	3,308	4,968	6,631	—
		Output OHL	650	650	650	650	650	710	1,190	1,560	1,610	1,720	2,700	3,640	5,600	—
117	15	Size	13	13	13	13	15	17	20	23	30	35	35	47	—	—
		Torque	114	150	228	342	458	689	933	1,400	2,371	3,625	4,833	7,193	—	—
		Output OHL	650	650	650	650	710	1,190	1,560	1,610	2,300	2,760	2,760	5,600	—	—
88	20	Size	13	13	13	15	17	17	23	26	30	35	40	—	—	—
		Torque	143	188	285	432	588	881	1,181	1,849	3,082	4,693	6,214	—	—	—
		Output OHL	650	650	650	710	1,190	1,190	1,610	1,610	2,300	2,760	4,300	—	—	—
70	25	Size	13	13	13	15	17	20	23	30	35	40	47	—	—	—
		Torque	171	226	342	518	696	1,071	1,440	2,249	3,785	5,582	7,317	—	—	—
		Output OHL	650	650	650	710	1,190	1,560	1,610	2,300	2,760	4,300	5,600	—	—	—
58	30	Size	13	13	13	15	17	23	26	30	35	47	—	—	—	—
		Torque	201	265	402	603	810	1,267	1,706	2,641	4,439	6,456	—	—	—	—
		Output OHL	650	650	650	710	1,190	1,610	1,610	2,300	2,760	5,600	—	—	—	—
44	40	Size	13	13	15	17	20	23	26	35	40	47	—	—	—	—
		Torque	248	327	509	774	1,061	1,616	2,174	3,357	5,414	8,014	—	—	—	—
		Output OHL	650	650	710	1,190	1,560	1,610	1,610	2,760	4,300	5,600	—	—	—	—
35	50	Size	13	13	17	20	23	26	30	35	47	—	—	—	—	—
		Torque	284	374	600	929	1,251	1,882	2,570	3,969	6,183	—	—	—	—	—
		Output OHL	650	650	1,190	1,560	1,610	1,610	2,300	2,760	5,600	—	—	—	—	—
29	60	Size	13	15	17	20	23	26	30	40	47	—	—	—	—	—
		Torque	329	443	678	1,042	1,378	2,161	2,851	4,167	6,890	—	—	—	—	—
		Output OHL	650	710	1,190	1,560	1,610	1,610	2,300	4,300	5,600	—	—	—	—	—

Torque = Actual output torque in pound-inches (lb-in)
OHL = Maximum overhung load capacity in pounds (lbs)

Selection tables

By horsepower and service factor

1.25 reducer service factor

This quick selection table highlights calculated, theoretical output torque (lb-in) for given horsepower and ratios. For maximum ratings, see individual product pages.

1,750 rpm input

Output speed (rpm)	Ratio		Motor horsepower (hp)													
			0.25	0.33	0.50	0.75	1.00	1.50	2.00	3.00	5.00	7.50	10.00	15.00	20.00	30.00
350	5	Size	13	13	13	13	13	15	17	20	26	30	35	40	47	—
		Torque	42	55	83	125	166	251	332	503	846	1,278	1,708	2,554	3,395	—
		Output OHL	650	650	650	650	650	710	1,050	1,380	1,330	1,330	2,120	2,860	5,100	—
233	7.5	Size	13	13	13	13	13	17	20	23	26	30	35	40	47	—
		Torque	61	81	122	183	244	370	494	746	1,247	1,887	2,527	3,775	5,033	—
		Output OHL	650	650	650	650	650	1,190	1,560	1,520	1,520	1,540	2,430	3,280	5,600	—
175	10	Size	13	13	13	13	15	17	20	23	30	35	35	47	—	—
		Torque	79	105	159	238	319	478	643	970	1,651	2,481	3,308	4,973	—	—
		Output OHL	650	650	650	650	710	1,190	1,560	1,610	1,720	2,700	2,700	5,600	—	—
117	15	Size	13	13	13	15	17	20	23	26	30	35	40	—	—	—
		Torque	114	150	228	344	459	700	933	1,414	2,371	3,625	4,795	—	—	—
		Output OHL	650	650	650	710	1,190	1,560	1,610	1,610	2,300	2,760	4,190	—	—	—
88	20	Size	13	13	13	15	17	23	23	30	35	40	47	—	—	—
		Torque	143	188	285	432	588	886	1,181	1,849	3,128	4,660	6,149	—	—	—
		Output OHL	650	650	650	710	1,190	1,610	1,610	2,300	2,760	4,300	5,600	—	—	—
70	25	Size	13	13	15	17	20	23	26	30	40	47	—	—	—	—
		Torque	171	226	345	522	714	1,080	1,481	2,249	3,722	5,488	—	—	—	—
		Output OHL	650	650	710	1,190	1,560	1,610	1,610	2,300	4,300	5,600	—	—	—	—
58	30	Size	13	13	15	17	20	26	26	35	40	47	—	—	—	—
		Torque	201	265	402	608	833	1,280	1,706	2,663	4,358	6,456	—	—	—	—
		Output OHL	650	650	710	1,190	1,560	1,610	1,610	2,760	4,300	5,600	—	—	—	—
44	40	Size	13	15	15	20	23	26	30	35	47	—	—	—	—	—
		Torque	248	336	509	796	1,077	1,631	2,218	3,357	5,342	—	—	—	—	—
		Output OHL	650	710	710	1,560	1,610	1,610	2,300	2,760	5,600	—	—	—	—	—
35	50	Size	13	15	17	23	26	30	35	40	—	—	—	—	—	—
		Torque	284	384	600	938	1,255	1,928	2,646	3,764	—	—	—	—	—	—
		Output OHL	650	710	1,190	1,610	1,610	2,300	2,760	4,300	—	—	—	—	—	—
29	60	Size	15	17	20	23	26	30	35	40	—	—	—	—	—	—
		Torque	335	448	694	1,034	1,441	2,138	2,920	4,167	—	—	—	—	—	—
		Output OHL	710	1,190	1,560	1,610	1,610	2,300	2,760	4,300	—	—	—	—	—	—

Torque = Actual output torque in pound-inches (lb-in)
OHL = Maximum overhung load capacity in pounds (lbs)

Selection tables

By horsepower and service factor

1.50 reducer service factor

This quick selection table highlights calculated, theoretical output torque (lb-in) for given horsepower and ratios. For maximum ratings, see individual product pages.

1,750 rpm input

Output speed (rpm)	Ratio		Motor horsepower (hp)													
			0.25	0.33	0.50	0.75	1.00	1.50	2.00	3.00	5.00	7.50	10.00	15.00	20.00	30.00
350	5	Size	13	13	13	13	15	17	20	23	26	30	35	47	47	—
		Torque	42	55	83	125	168	249	335	503	846	1,278	1,708	2,546	3,395	—
		Output OHL	650	650	650	650	710	1,050	1,380	1,330	1,330	1,330	2,120	5,100	5,100	—
233	7.5	Size	13	13	13	13	15	17	20	23	30	35	40	47	—	—
		Torque	61	81	122	183	243	370	494	746	1,258	1,895	2,516	3,775	—	—
		Output OHL	650	650	650	650	710	1,190	1,560	1,520	1,540	2,430	3,280	5,600	—	—
175	10	Size	13	13	13	13	15	20	20	26	30	35	40	47	—	—
		Torque	79	105	159	238	319	482	643	977	1,651	2,481	3,312	4,973	—	—
		Output OHL	650	650	650	650	710	1,560	1,560	1,610	1,720	2,700	3,640	5,600	—	—
117	15	Size	13	13	13	15	17	20	23	30	35	40	47	—	—	—
		Torque	114	150	228	344	459	700	933	1,422	2,417	3,596	4,795	—	—	—
		Output OHL	650	650	650	710	1,190	1,560	1,610	2,300	2,760	4,190	5,600	—	—	—
88	20	Size	13	13	15	17	17	23	26	30	35	47	—	—	—	—
		Torque	143	188	288	441	588	886	1,233	1,849	3,128	4,612	—	—	—	—
		Output OHL	650	650	710	1,190	1,190	1,610	1,610	2,300	2,760	5,600	—	—	—	—
70	25	Size	13	13	15	17	20	26	30	35	40	—	—	—	—	—
		Torque	171	226	345	522	714	1,111	1,499	2,271	3,722	—	—	—	—	—
		Output OHL	650	650	710	1,190	1,560	1,610	2,300	2,760	4,300	—	—	—	—	—
58	30	Size	13	13	15	20	23	26	30	35	47	—	—	—	—	—
		Torque	201	265	402	625	845	1,280	1,760	2,663	4,304	—	—	—	—	—
		Output OHL	650	650	710	1,560	1,610	1,610	2,300	2,760	5,600	—	—	—	—	—
44	40	Size	13	15	17	23	23	30	35	40	47	—	—	—	—	—
		Torque	248	336	516	808	1,077	1,663	2,238	3,249	5,342	—	—	—	—	—
		Output OHL	650	710	1,190	1,610	1,610	2,300	2,760	4,300	5,600	—	—	—	—	—
35	50	Size	15	17	20	23	26	35	35	40	—	—	—	—	—	—
		Torque	291	396	619	938	1,255	1,985	2,646	3,764	—	—	—	—	—	—
		Output OHL	710	1,190	1,560	1,610	1,610	2,760	2,760	4,300	—	—	—	—	—	—
29	60	Size	17	17	20	26	26	35	40	47	—	—	—	—	—	—
		Torque	339	448	694	1,081	1,441	2,190	2,778	4,134	—	—	—	—	—	—
		Output OHL	1,190	1,190	1,560	1,610	1,610	2,760	4,300	5,600	—	—	—	—	—	—

Torque = Actual output torque in pound-inches (lb-in)
OHL = Maximum overhung load capacity in pounds (lbs)

Selection tables

By horsepower and service factor

2.00 reducer service factor

This quick selection table highlights calculated, theoretical output torque (lb-in) for given horsepower and ratios. For maximum ratings, see individual product pages.

1,750 rpm input

Output speed (rpm)	Ratio		Motor horsepower (hp)													
			0.25	0.33	0.50	0.75	1.00	1.50	2.00	3.00	5.00	7.50	10.00	15.00	20.00	30.00
350	5	Size	13	13	13	15	17	20	23	26	30	35	40	47	—	—
		Torque	42	55	83	126	166	251	335	508	852	1,281	1,703	2,546	—	—
		Output OHL	650	650	650	710	1,050	1,380	1,330	1,330	1,330	2,120	2,860	5,100	—	—
233	7.5	Size	13	13	13	15	17	20	23	26	30	40	47	—	—	—
		Torque	61	81	122	182	247	370	497	748	1,258	1,887	2,516	—	—	—
		Output OHL	650	650	650	710	1,190	1,560	1,520	1,520	1,540	3,280	5,600	—	—	—
175	10	Size	13	13	13	15	17	20	23	26	35	40	47	—	—	—
		Torque	79	105	159	239	319	482	647	977	1,654	2,484	3,316	—	—	—
		Output OHL	650	650	650	710	1,190	1,560	1,610	1,610	2,700	3,640	5,600	—	—	—
117	15	Size	13	13	15	17	20	23	26	30	35	47	—	—	—	—
		Torque	114	150	229	344	467	700	943	1,422	2,417	3,596	—	—	—	—
		Output OHL	650	650	710	1,190	1,560	1,610	1,610	2,300	2,760	5,600	—	—	—	—
88	20	Size	13	13	17	17	23	26	30	35	40	—	—	—	—	—
		Torque	143	188	294	441	590	924	1,233	1,877	3,107	—	—	—	—	—
		Output OHL	650	650	1,190	1,190	1,610	1,610	2,300	2,760	4,300	—	—	—	—	—
70	25	Size	13	15	17	20	23	30	30	40	47	—	—	—	—	—
		Torque	171	228	348	535	720	1,125	1,499	2,233	3,659	—	—	—	—	—
		Output OHL	650	710	1,190	1,560	1,610	2,300	2,300	4,300	5,600	—	—	—	—	—
58	30	Size	13	15	17	23	26	30	35	40	—	—	—	—	—	—
		Torque	201	266	405	633	853	1,320	1,776	2,615	—	—	—	—	—	—
		Output OHL	650	710	1,190	1,610	1,610	2,300	2,760	4,300	—	—	—	—	—	—
44	40	Size	15	15	20	23	26	35	35	47	—	—	—	—	—	—
		Torque	255	336	531	808	1,087	1,678	2,238	3,205	—	—	—	—	—	—
		Output OHL	710	710	1,560	1,610	1,610	2,760	2,760	5,600	—	—	—	—	—	—
35	50	Size	17	17	23	26	30	35	40	47	—	—	—	—	—	—
		Torque	300	396	626	941	1,285	1,985	2,509	3,710	—	—	—	—	—	—
		Output OHL	1,190	1,190	1,610	1,610	2,300	2,760	4,300	5,600	—	—	—	—	—	—
29	60	Size	17	20	23	26	30	40	40	—	—	—	—	—	—	—
		Torque	387	525	808	1,223	1,663	2,436	3,249	—	—	—	—	—	—	—
		Output OHL	1,190	1,560	1,610	1,610	2,300	4,300	4,300	—	—	—	—	—	—	—

Torque = Actual output torque in pound-inches (lb-in)
OHL = Maximum overhung load capacity in pounds (lbs)

Standard Tigear-2

Ratings and dimensions

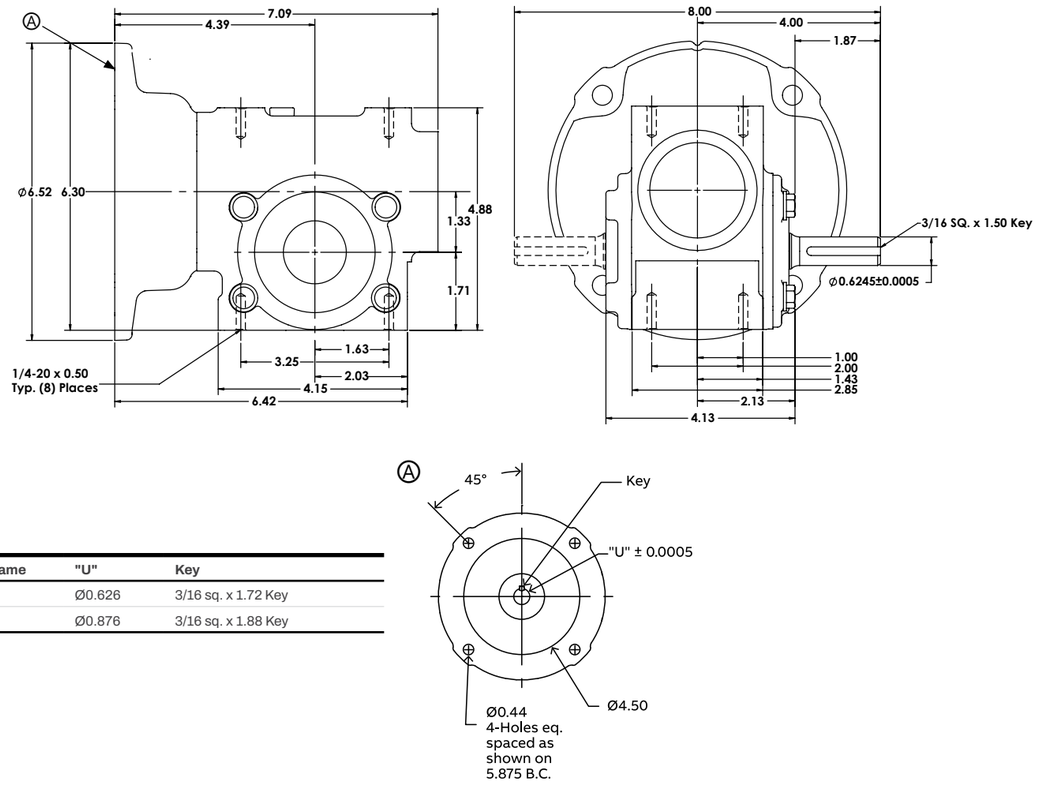
Tigear-2 reducers with quill input – Size 13

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	1.39	13Q05L56	13Q05L14	Left
		Thermal input horsepower (hp)	2.63	13Q05R56	13Q05R14	Right
		Output torque (lb-in)	231	13Q05LR56	13Q05LR14	Left/Right
		Mechanical output horsepower (hp)	1.28	13Q05H56	13Q05H14	Hollow
		Output OHL (lb)	650	—	—	—
7.5	233	Mechanical input horsepower (hp)	1.28	13Q07L56	13Q07L14	Left
		Thermal input horsepower (hp)	2.72	13Q07R56	13Q07R14	Right
		Output torque (lb-in)	313	13Q07LR56	13Q07LR14	Left/Right
		Mechanical output horsepower (hp)	1.16	13Q07H56	13Q07H14	Hollow
		Output OHL (lb)	650	—	—	—
10	175	Mechanical input horsepower (hp)	1.18	13Q10L56	13Q10L14	Left
		Thermal input horsepower (hp)	2.82	13Q10R56	13Q10R14	Right
		Output torque (lb-in)	375	13Q10LR56	13Q10LR14	Left/Right
		Mechanical output horsepower (hp)	1.04	13Q10H56	13Q10H14	Hollow
		Output OHL (lb)	650	—	—	—
15	117	Mechanical input horsepower (hp)	0.89	13Q15L56		Left
		Thermal input horsepower (hp)	3.03	13Q15R56		Right
		Output torque (lb-in)	406	13Q15LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.75	13Q15H56		Hollow
		Output OHL (lb)	650	—		—
20	88	Mechanical input horsepower (hp)	0.71	13Q20L56		Left
		Thermal input horsepower (hp)	3.22	13Q20R56		Right
		Output torque (lb-in)	405	13Q20LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	13Q20H56		Hollow
		Output OHL (lb)	650	—		—
25	70	Mechanical input horsepower (hp)	0.53	13Q25L56		Left
		Thermal input horsepower (hp)	2.84	13Q25R56		Right
		Output torque (lb-in)	363	13Q25LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.40	13Q25H56		Hollow
		Output OHL (lb)	650	—		—
30	58	Mechanical input horsepower (hp)	0.51	13Q30L56		Left
		Thermal input horsepower (hp)	2.45	13Q30R56		Right
		Output torque (lb-in)	410	13Q30LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.38	13Q30H56		Hollow
		Output OHL (lb)	650	—		—
40	44	Mechanical input horsepower (hp)	0.40	13Q40L56		Left
		Thermal input horsepower (hp)	2.04	13Q40R56		Right
		Output torque (lb-in)	396	13Q40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.28	13Q40H56		Hollow
		Output OHL (lb)	650	—		—
50	35	Mechanical input horsepower (hp)	0.36	13Q50L56		Left
		Thermal input horsepower (hp)	1.74	13Q50R56		Right
		Output torque (lb-in)	408	13Q50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.23	13Q50H56		Hollow
		Output OHL (lb)	650	—		—
60	29	Mechanical input horsepower (hp)	0.25	13Q60L56		Left
		Thermal input horsepower (hp)	1.50	13Q60R56		Right
		Output torque (lb-in)	329	13Q60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.15	13Q60H56		Hollow
		Output OHL (lb)	650	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 13BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

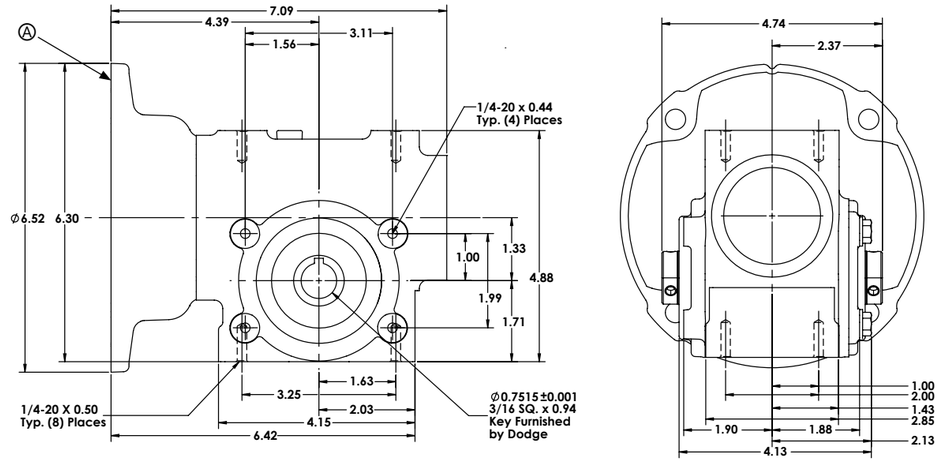
Tigear-2 reducers with quill input – Size 13

Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key

Hollow output



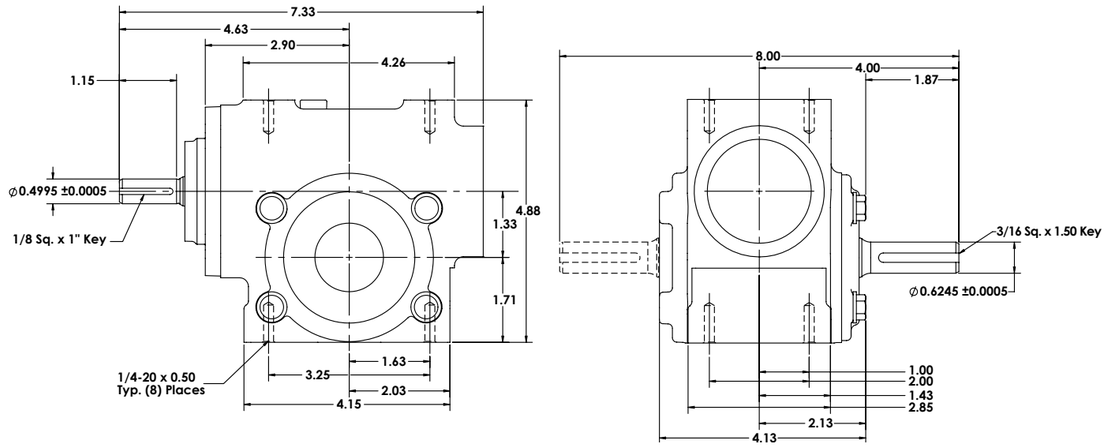
Tigear-2 reducers with separate input – Size 13

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	Optional motor adapter kit 140TC
5	350	Mechanical input horsepower (hp)	1.39	13S05L	Left	1315MTR56	1315MTR14
		Thermal input horsepower (hp)	2.63	13S05R	Right		
		Output torque (lb-in)	231	13S05LR	Left/Right		
		Mechanical output horsepower (hp)	1.28	13S05H	Hollow		
		Output OHL (lb)	650	—	—		
7.5	233	Mechanical input horsepower (hp)	1.28	13S07L	Left	1315MTR56	1315MTR14
		Thermal input horsepower (hp)	2.72	13S07R	Right		
		Output torque (lb-in)	313	13S07LR	Left/Right		
		Mechanical output horsepower (hp)	1.16	13S07H	Hollow		
		Output OHL (lb)	650	—	—		
10	175	Mechanical input horsepower (hp)	1.18	13S10L	Left	1315MTR56	1315MTR14
		Thermal input horsepower (hp)	2.82	13S10R	Right		
		Output torque (lb-in)	375	13S10LR	Left/Right		
		Mechanical output horsepower (hp)	1.04	13S10H	Hollow		
		Output OHL (lb)	650	—	—		
15	117	Mechanical input horsepower (hp)	0.89	13S15L	Left	1315MTR56	—
		Thermal input horsepower (hp)	3.03	13S15R	Right		
		Output torque (lb-in)	406	13S15LR	Left/Right		
		Mechanical output horsepower (hp)	0.75	13S15H	Hollow		
		Output OHL (lb)	650	—	—		
20	88	Mechanical input horsepower (hp)	0.71	13S20L	Left	1315MTR56	—
		Thermal input horsepower (hp)	3.22	13S20R	Right		
		Output torque (lb-in)	405	13S20LR	Left/Right		
		Mechanical output horsepower (hp)	0.56	13S20H	Hollow		
		Output OHL (lb)	650	—	—		
25	70	Mechanical input horsepower (hp)	0.53	13S25L	Left	1315MTR56	—
		Thermal input horsepower (hp)	2.84	13S25R	Right		
		Output torque (lb-in)	363	13S25LR	Left/Right		
		Mechanical output horsepower (hp)	0.40	13S25H	Hollow		
		Output OHL (lb)	650	—	—		
30	58	Mechanical input horsepower (hp)	0.51	13S30L	Left	1315MTR56	—
		Thermal input horsepower (hp)	2.45	13S30R	Right		
		Output torque (lb-in)	410	13S30LR	Left/Right		
		Mechanical Output horsepower (hp)	0.38	13S30H	Hollow		
		Output OHL (lb)	650	—	—		
40	44	Mechanical input horsepower (hp)	0.40	13S40L	Left	1315MTR56	—
		Thermal input horsepower (hp)	2.04	13S40R	Right		
		Output torque (lb-in)	396	13S40LR	Left/Right		
		Mechanical output horsepower (hp)	0.28	13S40H	Hollow		
		Output OHL (lb)	650	—	—		
50	35	Mechanical input horsepower (hp)	0.36	13S50L	Left	1315MTR56	—
		Thermal input horsepower (hp)	1.74	13S50R	Right		
		Output torque (lb-in)	408	13S50LR	Left/Right		
		Mechanical output horsepower (hp)	0.23	13S50H	Hollow		
		Output OHL (lb)	650	—	—		
60	29	Mechanical input horsepower (hp)	0.25	13S60L	Left	1315MTR56	—
		Thermal input horsepower (hp)	1.50	13S60R	Right		
		Output torque (lb-in)	329	13S60LR	Left/Right		
		Mechanical output horsepower (hp)	0.15	13S60H	Hollow		
		Output OHL (lb)	650	—	—		
All ratios		Input OHL (lb)	120	One diameter from seal surface			—

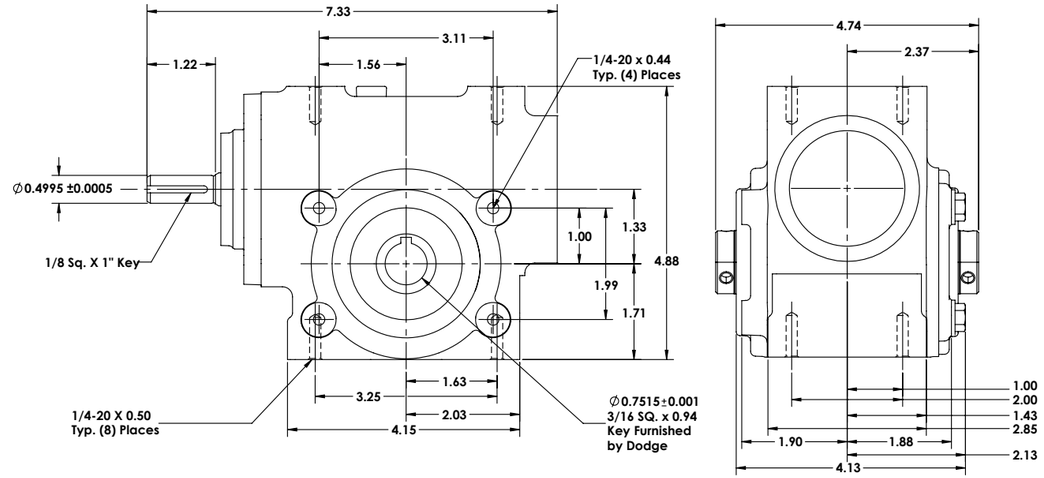
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 13BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with separate input – Size 13

Solid output



Hollow output



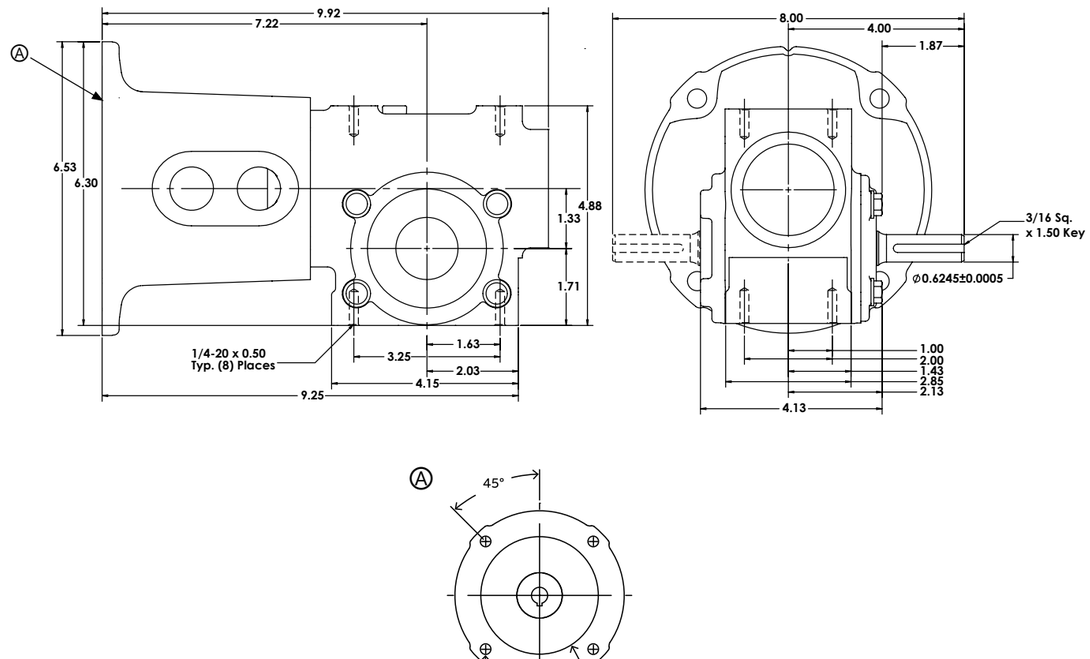
Tigear-2 reducers with three-piece coupled input – Size 13

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	1.39	13A05L56	13A05L14	Left
		Thermal input horsepower (hp)	2.63	13A05R56	13A05R14	Right
		Output torque (lb-in)	231	13A05LR56	13A05LR14	Left/Right
		Mechanical output horsepower (hp)	1.28	13A05H56	13A05H14	Hollow
		Output OHL (lb)	650	—	—	—
7.5	233	Mechanical input horsepower (hp)	1.28	13A07L56	13A07L14	Left
		Thermal input horsepower (hp)	2.72	13A07R56	13A07R14	Right
		Output torque (lb-in)	313	13A07LR56	13A07LR14	Left/Right
		Mechanical output horsepower (hp)	1.16	13A07H56	13A07H14	Hollow
		Output OHL (lb)	650	—	—	—
10	175	Mechanical input horsepower (hp)	1.18	13A10L56	13A10L14	Left
		Thermal input horsepower (hp)	2.82	13A10R56	13A10R14	Right
		Output torque (lb-in)	375	13A10LR56	13A10LR14	Left/Right
		Mechanical output horsepower (hp)	1.04	13A10H56	13A10H14	Hollow
		Output OHL (lb)	650	—	—	—
15	117	Mechanical input horsepower (hp)	0.89	13A15L56		Left
		Thermal input horsepower (hp)	3.03	13A15R56		Right
		Output torque (lb-in)	406	13A15LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.75	13A15H56		Hollow
		Output OHL (lb)	650	—		—
20	88	Mechanical input horsepower (hp)	0.71	13A20L56		Left
		Thermal input horsepower (hp)	3.22	13A20R56		Right
		Output torque (lb-in)	405	13A20LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	13A20H56		Hollow
		Output OHL (lb)	650	—		—
25	70	Mechanical input horsepower (hp)	0.53	13A25L56		Left
		Thermal input horsepower (hp)	2.84	13A25R56		Right
		Output torque (lb-in)	363	13A25LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.40	13A25H56		Hollow
		Output OH (lb)	650	—		—
30	58	Mechanical input horsepower (hp)	0.51	13A30L56		Left
		Thermal input horsepower (hp)	2.45	13A30R56		Right
		Output torque (lb-in)	410	13A30LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.38	13A30H56		Hollow
		Output OHL (lb)	650	—		—
40	44	Mechanical input horsepower (hp)	0.40	13A40L56		Left
		Thermal input horsepower (hp)	2.04	13A40R56		Right
		Output torque (lb-in)	396	13A40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.28	13A40H56		Hollow
		Output OHL (lb)	650	—		—
50	35	Mechanical input horsepower (hp)	0.36	13A50L56		Left
		Thermal input horsepower (hp)	1.74	13A50R56		Right
		Output torque (lb-in)	408	13A50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.23	13A50H56		Hollow
		Output OHL (lb)	650	—		—
60	29	Mechanical input horsepower (hp)	0.25	13A60L56		Left
		Thermal input horsepower (hp)	1.50	13A60R56		Right
		Output torque (lb-in)	329	13A60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.15	13A60H56		Hollow
		Output OHL (lb)	650	—		—

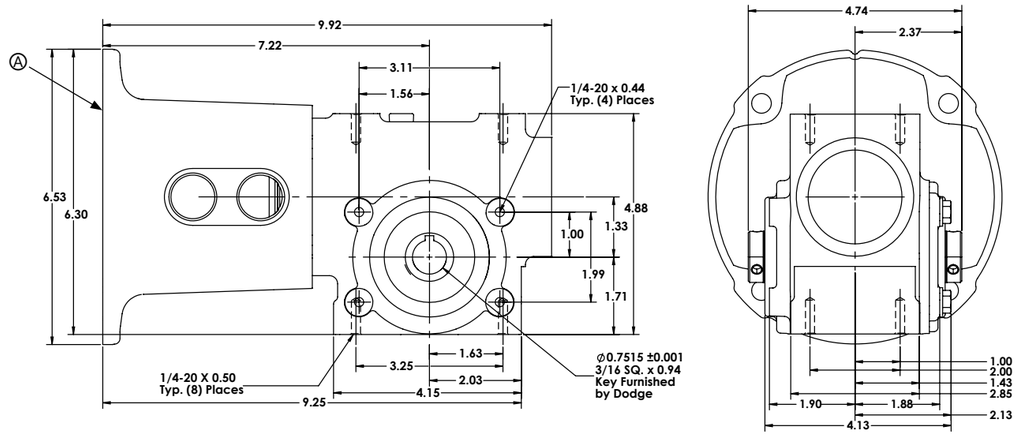
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 13BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with three-piece coupled input – Size 13

Solid output



Hollow output



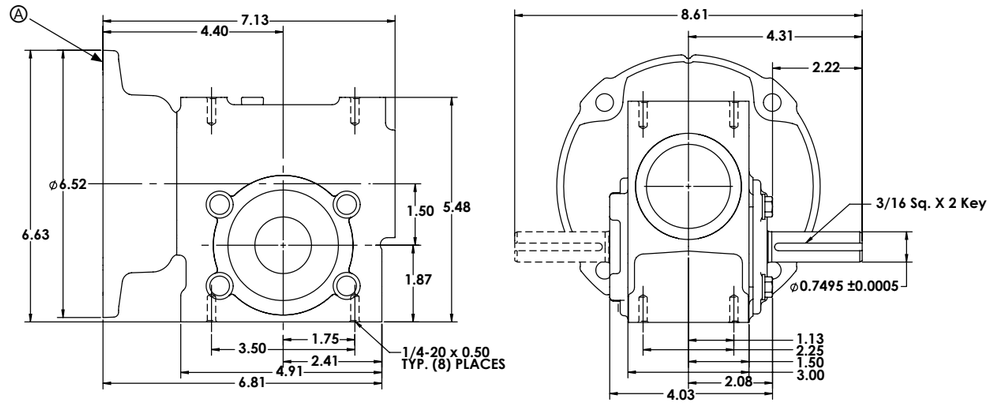
Tigear-2 reducers with quill input – Size 15

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	1.97	15Q05L56	15Q05L14	Left
		Thermal input horsepower (hp)	3.46	15Q05R56	15Q05R14	Right
		Output torque (lb-in)	330	15Q05LR56	15Q05LR14	Left/Right
		Mechanical output horsepower (hp)	1.83	15Q05H56	15Q05H14	Hollow
		Output OHL (lb)	710	—	—	—
7.5	233	Mechanical input horsepower (hp)	1.61	15Q07L56	15Q07L14	Left
		Thermal input horsepower (hp)	3.56	15Q07R56	15Q07R14	Right
		Output torque (lb-in)	391	15Q07LR56	15Q07LR14	Left/Right
		Mechanical output horsepower (hp)	1.45	15Q07H56	15Q07H14	Hollow
		Output OHL (lb)	710	—	—	—
10	175	Mechanical input horsepower (hp)	1.51	15Q10L56	15Q10L14	Left
		Thermal input horsepower (hp)	3.69	15Q10R56	15Q10R14	Right
		Output torque (lb-in)	481	15Q10LR56	15Q10LR14	Left/Right
		Mechanical output horsepower (hp)	1.34	15Q10H56	15Q10H14	Hollow
		Output OHL (lb)	710	—	—	—
15	117	Mechanical input horsepower (hp)	1.24	15Q15L56	15Q15L14	Left
		Thermal input horsepower (hp)	3.91	15Q15R56	15Q15R14	Right
		Output torque (lb-in)	569	15Q15LR56	15Q15LR14	Left/Right
		Mechanical output horsepower (hp)	1.05	15Q15H56	15Q15H14	Hollow
		Output OHL (lb)	710	—	—	—
20	88	Mechanical input horsepower (hp)	0.95	15Q20L56		Left
		Thermal input horsepower (hp)	3.37	15Q20R56		Right
		Output torque (lb-in)	547	15Q20LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.76	15Q20H56		Hollow
		Output OHL (lb)	710	—		—
25	70	Mechanical input horsepower (hp)	0.80	15Q25L56		Left
		Thermal input horsepower (hp)	2.89	15Q25R56		Right
		Output torque (lb-in)	552	15Q25LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	15Q25H56		Hollow
		Output OHL (lb)	710	—		—
30	58	Mechanical input horsepower (hp)	0.76	15Q30L56		Left
		Thermal input horsepower (hp)	2.46	15Q30R56		Right
		Output torque (lb-in)	612	15Q30LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.57	15Q30H56		Hollow
		Output OHL (lb)	710	—		—
40	44	Mechanical input horsepower (hp)	0.70	15Q40L56		Left
		Thermal input horsepower (hp)	1.98	15Q40R56		Right
		Output torque (lb-in)	713	15Q40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.49	15Q40H56		Hollow
		Output OHL (lb)	710	—		—
50	35	Mechanical input horsepower (hp)	0.47	15Q50L56		Left
		Thermal input horsepower (hp)	1.64	15Q50R56		Right
		Output torque (lb-in)	548	15Q50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.30	15Q50H56		Hollow
		Output OHL (lb)	710	—		—
60	29	Mechanical input horsepower (hp)	0.36	15Q60L56		Left
		Thermal input horsepower (hp)	1.40	15Q60R56		Right
		Output torque (lb-in)	483	15Q60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.22	15Q60H56		Hollow
		Output OHL (lb)	710	—		—

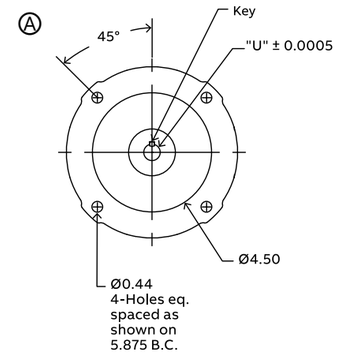
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 15BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 15

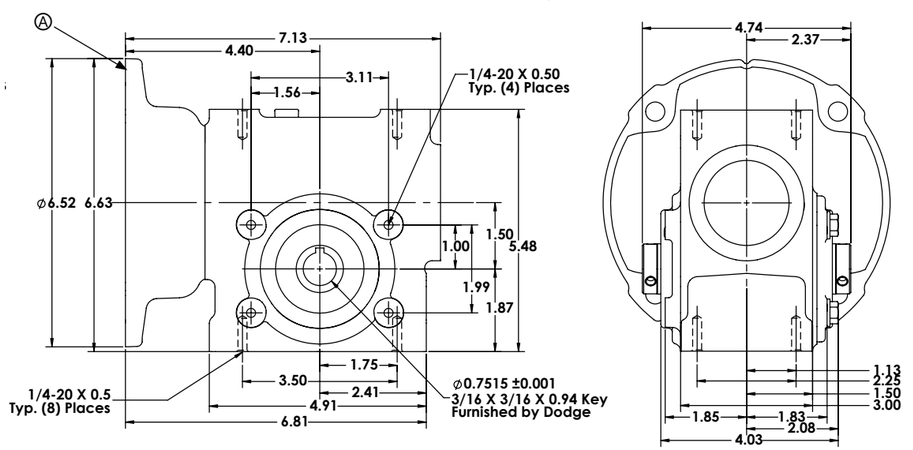
Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key



Hollow output



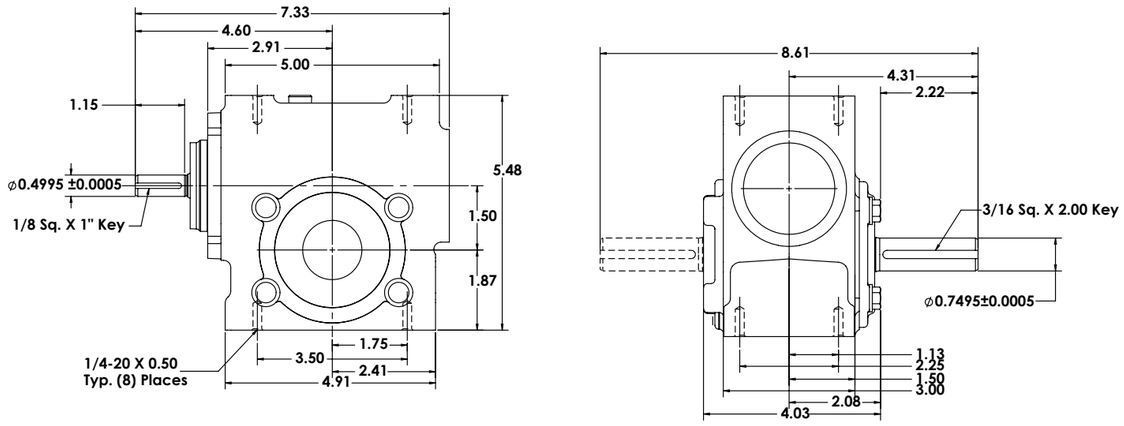
Tigear-2 reducers with separate input – Size 15

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC
5	350	Mechanical input horsepower (hp)	1.97	15S05L	Left	1315MTR56	1315MTR14
		Thermal input horsepower (hp)	3.46	15S05R	Right		
		Output torque (lb-in)	330	15S05LR	Left/Right		
		Mechanical output horsepower (hp)	1.83	15S05H	Hollow		
		Output OHL (lb)	710	—	—		
7.5	233	Mechanical input horsepower (hp)	1.61	15S07L	Left	1315MTR56	1315MTR14
		Thermal input horsepower (hp)	3.56	15S07R	Right		
		Output torque (lb-in)	391	15S07LR	Left/Right		
		Mechanical output horsepower (hp)	1.45	15S07H	Hollow		
		Output OHL (lb)	710	—	—		
10	175	Mechanical input horsepower (hp)	1.51	15S10L	Left	1315MTR56	1315MTR14
		Thermal input horsepower (hp)	3.69	15S10R	Right		
		Output torque (lb-in)	481	15S10LR	Left/Right		
		Mechanical output horsepower (hp)	1.34	15S10H	Hollow		
		Output OHL (lb)	710	—	—		
15	117	Mechanical input horsepower (hp)	1.24	15S15L	Left	1315MTR56	—
		Thermal input horsepower (hp)	3.91	15S15R	Right		
		Output torque (lb-in)	569	15S15LR	Left/Right		
		Mechanical output horsepower (hp)	1.05	15S15H	Hollow		
		Output OHL (lb)	710	—	—		
20	88	Mechanical input horsepower (hp)	0.95	15S20L	Left	1315MTR56	—
		Thermal input horsepower (hp)	3.37	15S20R	Right		
		Output torque (lb-in)	547	15S20LR	Left/Right		
		Mechanical output horsepower (hp)	0.76	15S20H	Hollow		
		Output OHL (lb)	710	—	—		
25	70	Mechanical input horsepower (hp)	0.80	15S25L	Left	1315MTR56	—
		Thermal input horsepower (hp)	2.89	15S25R	Right		
		Output torque (lb-in)	552	15S25LR	Left/Right		
		Mechanical output horsepower (hp)	0.61	15S25H	Hollow		
		Output OHL (lb)	710	—	—		
30	58	Mechanical input horsepower (hp)	0.76	15S30L	Left	1315MTR56	—
		Thermal input horsepower (hp)	2.46	15S30R	Right		
		Output torque (lb-in)	612	15S30LR	Left/Right		
		Mechanical output horsepower (hp)	0.57	15S30H	Hollow		
		Output OHL (lb)	710	—	—		
40	44	Mechanical input horsepower (hp)	0.70	15S40L	Left	1315MTR56	—
		Thermal input horsepower (hp)	1.98	15S40R	Right		
		Output torque (lb-in)	713	15S40LR	Left/Right		
		Mechanical output horsepower (hp)	0.49	15S40H	Hollow		
		Output OHL (lb)	710	—	—		
50	35	Mechanical input horsepower (hp)	0.47	15S50L	Left	1315MTR56	—
		Thermal input horsepower (hp)	1.64	15S50R	Right		
		Output torque (lb-in)	548	15S50LR	Left/Right		
		Mechanical output horsepower (hp)	0.30	15S50H	Hollow		
		Output OHL (lb)	710	—	—		
60	29	Mechanical input horsepower (hp)	0.36	15S60L	Left	1315MTR56	—
		Thermal input horsepower (hp)	1.40	15S60R	Right		
		Output torque (lb-in)	483	15S60LR	Left/Right		
		Mechanical output horsepower (hp)	0.22	15S60H	Hollow		
		Output OHL (lb)	710	—	—		
All ratios		Input OHL (lb)	140	One diameter from seal surface			—

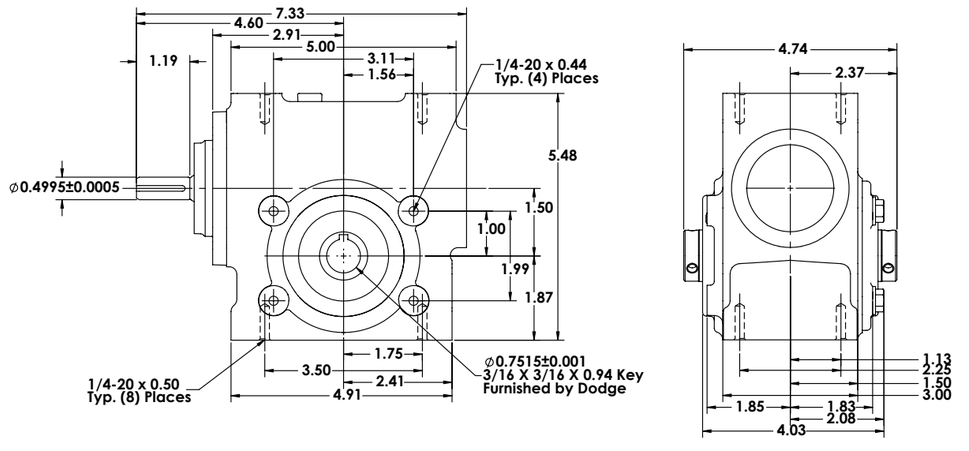
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 15BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with separate input – Size 15

Solid output



Hollow output



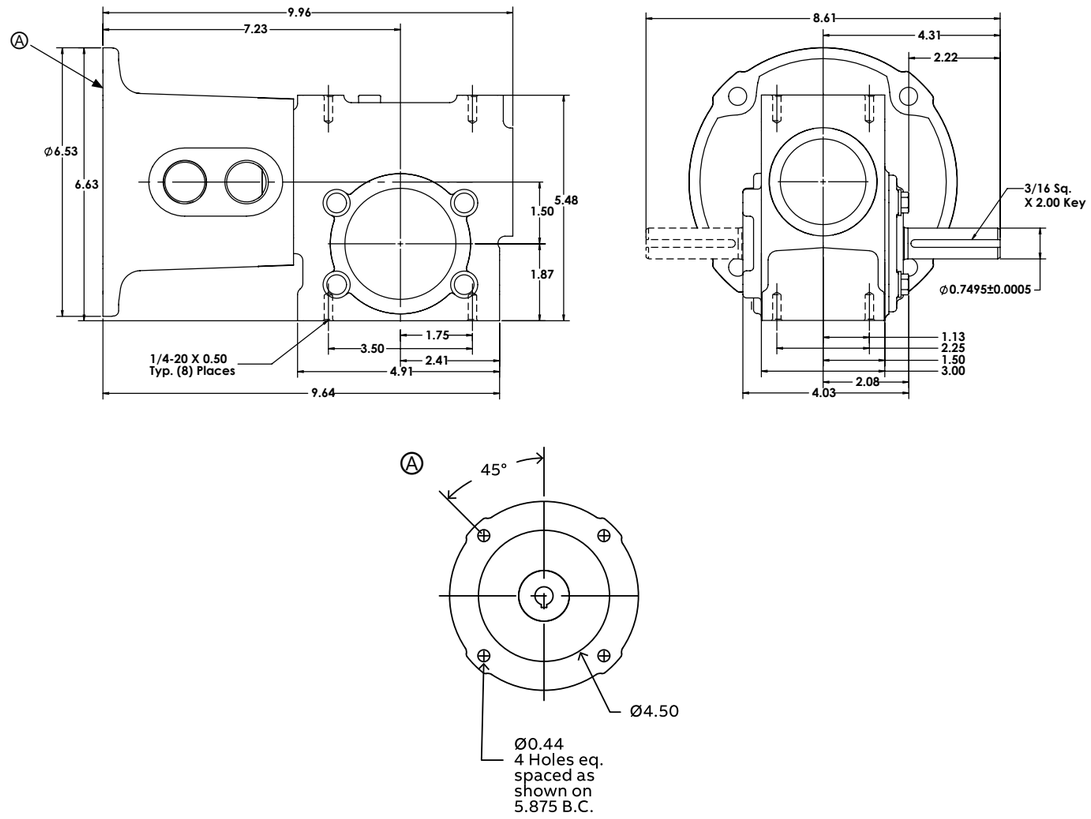
Tigear-2 reducers with three-piece coupled input – Size 15

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	1.97	15A05L56	15A05L14	Left
		Thermal input horsepower (hp)	3.46	15A05R56	15A05R14	Right
		Output torque (lb-in)	330	15A05LR56	15A05LR14	Left/Right
		Mechanical output horsepower (hp)	1.83	15A05H56	15A05H14	Hollow
		Output OHL (lb)	710	—	—	—
7.5	233	Mechanical input horsepower (hp)	1.61	15A07L56	15A07L14	Left
		Thermal input horsepower (hp)	3.56	15A07R56	15A07R14	Right
		Output torque (lb-in)	391	15A07LR56	15A07LR14	Left/Right
		Mechanical output horsepower (hp)	1.45	15A07H56	15A07H14	Hollow
		Output OHL (lb)	710	—	—	—
10	175	Mechanical input horsepower (hp)	1.51	15A10L56	15A10L14	Left
		Thermal input horsepower (hp)	3.69	15A10R56	15A10R14	Right
		Output torque (lb-in)	481	15A10LR56	15A10LR14	Left/Right
		Mechanical output horsepower (hp)	1.34	15A10H56	15A10H14	Hollow
		Output OHL (lb)	710	—	—	—
15	117	Mechanical input horsepower (hp)	1.24	15A15L56	15A15L14	Left
		Thermal input horsepower (hp)	3.91	15A15R56	15A15R14	Right
		Output torque (lb-in)	569	15A15LR56	15A15LR14	Left/Right
		Mechanical output horsepower (hp)	1.05	15A15H56	15A15H14	Hollow
		Output OHL (lb)	710	—	—	—
20	88	Mechanical input horsepower (hp)	0.95	15A20L56		Left
		Thermal input horsepower (hp)	3.37	15A20R56		Right
		Output torque (lb-in)	547	15A20LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.76	15A20H56		Hollow
		Output OHL (lb)	710	—		—
25	70	Mechanical input horsepower (hp)	0.80	15A25L56		Left
		Thermal input horsepower (hp)	2.89	15A25R56		Right
		Output torque (lb-in)	552	15A25LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	15A25H56		Hollow
		Output OHL (lb)	710	—		—
30	58	Mechanical input horsepower (hp)	0.76	15A30L56		Left
		Thermal input horsepower (hp)	2.46	15A30R56		Right
		Output torque (lb-in)	612	15A30LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.57	15A30H56		Hollow
		Output OHL (lb)	710	—		—
40	44	Mechanical input horsepower (hp)	0.70	15A40L56		Left
		Thermal input horsepower (hp)	1.98	15A40R56		Right
		Output torque (lb-in)	713	15A40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.49	15A40H56		Hollow
		Output OHL (lb)	710	—		—
50	35	Mechanical input horsepower (hp)	0.47	15A50L56		Left
		Thermal input horsepower (hp)	1.64	15A50R56		Right
		Output torque (lb-in)	548	15A50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.30	15A50H56		Hollow
		Output OHL (lb)	710	—		—
60	29	Mechanical input horsepower (hp)	0.36	15A60L56		Left
		Thermal input horsepower (hp)	1.40	15A60R56		Right
		Output torque (lb-in)	483	15A60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.22	15A60H56		Hollow
		Output OHL (lb)	710	—		—

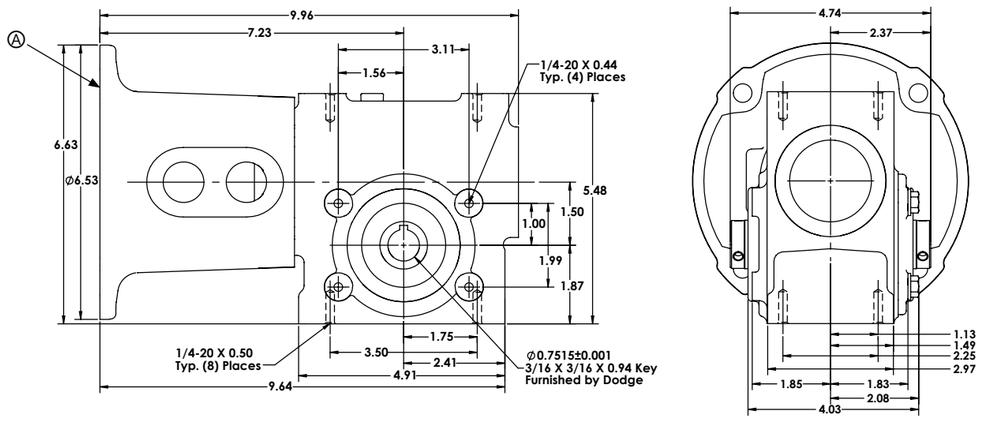
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 15BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with three-piece coupled input – Size 15

Solid output



Hollow output



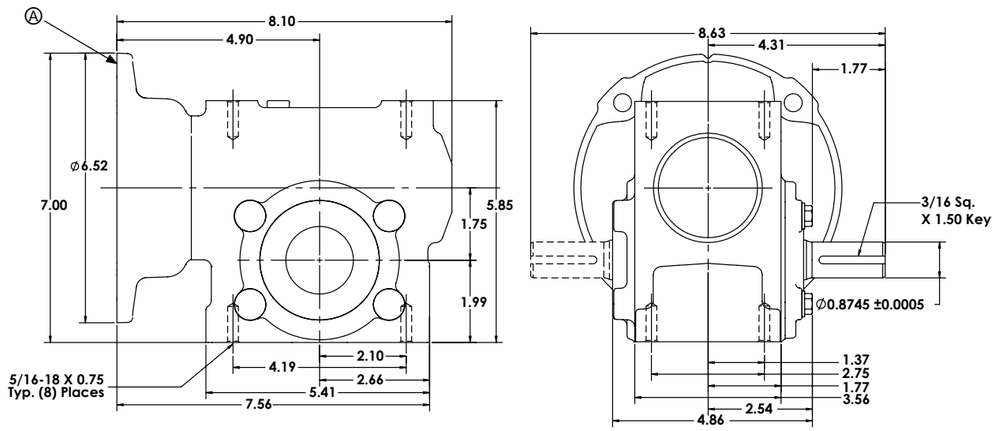
Tigear-2 reducers with quill input – Size 17

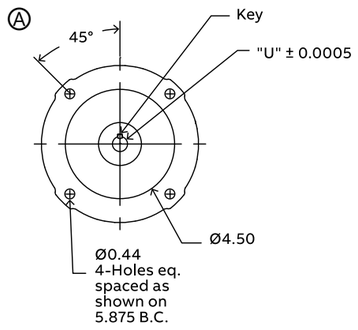
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	2.65	17Q05L56	17Q05L14	Left
		Thermal input horsepower (hp)	5.44	17Q05R56	17Q05R14	Right
		Output torque (lb-in)	440	17Q05LR56	17Q05LR14	Left/Right
		Mechanical output horsepower (hp)	2.45	17Q05H56	17Q05H14	Hollow
		Output OHL (lb)	1,050	—	—	—
7.5	233	Mechanical input horsepower (hp)	2.37	17Q07L56	17Q07L14	Left
		Thermal input horsepower (hp)	4.98	17Q07R56	17Q07R14	Right
		Output torque (lb-in)	584	17Q07LR56	17Q07LR14	Left/Right
		Mechanical output horsepower (hp)	2.16	17Q07H56	17Q07H14	Hollow
		Output OHL (lb)	1,190	—	—	—
10	175	Mechanical input horsepower (hp)	2.12	17Q10L56	17Q10L14	Left
		Thermal input horsepower (hp)	4.55	17Q10R56	17Q10R14	Right
		Output torque (lb-in)	676	17Q10LR56	17Q10LR14	Left/Right
		Mechanical output horsepower (hp)	1.88	17Q10H56	17Q10H14	Hollow
		Output OHL (lb)	1,190	—	—	—
15	117	Mechanical input horsepower (hp)	1.77	17Q15L56	17Q15L14	Left
		Thermal input horsepower (hp)	3.97	17Q15R56	17Q15R14	Right
		Output torque (lb-in)	813	17Q15LR56	17Q15LR14	Left/Right
		Mechanical output horsepower (hp)	1.50	17Q15H56	17Q15H14	Hollow
		Output OHL (lb)	1,190	—	—	—
20	88	Mechanical input horsepower (hp)	1.52	17Q20L56	17Q20L14	Left
		Thermal input horsepower (hp)	3.53	17Q20R56	17Q20R14	Right
		Output torque (lb-in)	893	17Q20LR56	17Q20LR14	Left/Right
		Mechanical output horsepower (hp)	1.24	17Q20H56	17Q20H14	Hollow
		Output OHL (lb)	1,190	—	—	—
25	70	Mechanical input horsepower (hp)	1.20	17Q25L56	17Q25L14	Left
		Thermal input horsepower (hp)	2.92	17Q25R56	17Q25R14	Right
		Output torque (lb-in)	835	17Q25LR56	17Q25LR14	Left/Right
		Mechanical output horsepower (hp)	0.93	17Q25H56	17Q25H14	Hollow
		Output OHL (lb)	1,190	—	—	—
30	58	Mechanical input horsepower (hp)	1.06	17Q30L56	17Q30L14	Left
		Thermal input horsepower (hp)	2.46	17Q30R56	17Q30R14	Right
		Output torque (lb-in)	859	17Q30LR56	17Q30LR14	Left/Right
		Mechanical output horsepower (hp)	0.80	17Q30H56	17Q30H14	Hollow
		Output OHL (lb)	1,190	—	—	—
40	44	Mechanical input horsepower (hp)	0.85	17Q40L56		Left
		Thermal input horsepower (hp)	1.88	17Q40R56		Right
		Output torque (lb-in)	878	17Q40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	17Q40H56		Hollow
		Output OHL (lb)	1,190	—		—
50	35	Mechanical input horsepower (hp)	0.72	17Q50L56		Left
		Thermal input horsepower (hp)	1.57	17Q50R56		Right
		Output torque (lb-in)	865	17Q50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	17Q50H56		Hollow
		Output OHL (lb)	1,190	—		—
60	29	Mechanical input horsepower (hp)	0.51	17Q60L56		Left
		Thermal input horsepower (hp)	1.30	17Q60R56		Right
		Output torque (lb-in)	692	17Q60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.32	17Q60H56		Hollow
		Output OHL (lb)	1,190	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 17BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 17

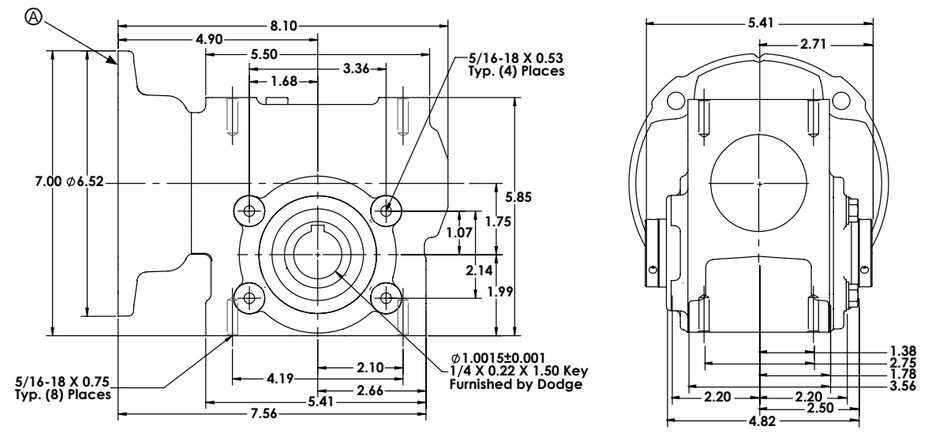
Solid output





Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.88 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key

Hollow output



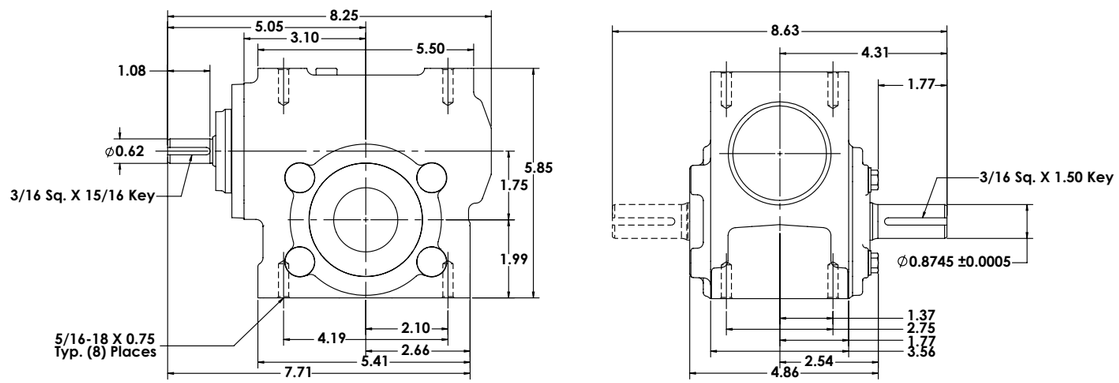
Tigear-2 reducers with separate input – Size 17

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC
5	350	Mechanical input horsepower (hp)	2.65	17S05L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	5.44	17S05R	Right		
		Output torque (lb-in)	440	17S05LR	Left/Right		
		Mechanical output horsepower (hp)	2.45	17S05H	Hollow		
		Output OHL (lb)	1,050	—	—		
7.5	233	Mechanical input horsepower (hp)	2.37	17S07L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	4.98	17S07R	Right		
		Output torque (lb-in)	584	17S07LR	Left/Right		
		Mechanical output horsepower (hp)	2.16	17S07H	Hollow		
		Output OHL (lb)	1,190	—	—		
10	175	Mechanical input horsepower (hp)	2.12	17S10L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	4.55	17S10R	Right		
		Output torque (lb-in)	676	17S10LR	Left/Right		
		Mechanical output horsepower (hp)	1.88	17S10H	Hollow		
		Output OHL (lb)	1,190	—	—		
15	117	Mechanical input horsepower (hp)	1.77	17S15L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	3.97	17S15R	Right		
		Output torque (lb-in)	813	17S15LR	Left/Right		
		Mechanical output horsepower (hp)	1.50	17S15H	Hollow		
		Output OHL (lb)	1,190	—	—		
20	88	Mechanical input horsepower (hp)	1.52	17S20L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	3.53	17S20R	Right		
		Output torque (lb-in)	893	17S20LR	Left/Right		
		Mechanical output horsepower (hp)	1.24	17S20H	Hollow		
		Output OHL (lb)	1,190	—	—		
25	70	Mechanical input horsepower (hp)	1.20	17S25L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	2.92	17S25R	Right		
		Output torque (lb-in)	835	17S25LR	Left/Right		
		Mechanical output horsepower (hp)	0.93	17S25H	Hollow		
		Output OHL (lb)	1,190	—	—		
30	58	Mechanical input horsepower (hp)	1.06	17S30L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	2.46	17S30R	Right		
		Output torque (lb-in)	859	17S30LR	Left/Right		
		Mechanical output horsepower (hp)	0.80	17S30H	Hollow		
		Output OHL (lb)	1,190	—	—		
40	44	Mechanical input horsepower (hp)	0.85	17S40L	Left	1720MTR56	—
		Thermal input horsepower (hp)	1.88	17S40R	Right		
		Output torque (lb-in)	878	17S40LR	Left/Right		
		Mechanical output horsepower (hp)	0.61	17S40H	Hollow		
		Output OHL (lb)	1,190	—	—		
50	35	Mechanical input horsepower (hp)	0.72	17S50L	Left	1720MTR56	—
		Thermal input horsepower (hp)	1.57	17S50R	Right		
		Output torque (lb-in)	865	17S50LR	Left/Right		
		Mechanical output horsepower (hp)	0.48	17S50H	Hollow		
		Output OHL (lb)	1,190	—	—		
60	29	Mechanical input horsepower (hp)	0.51	17S60L	Left	1720MTR56	—
		Thermal input horsepower (hp)	1.30	17S60R	Right		
		Output torque (lb-in)	692	17S60LR	Left/Right		
		Mechanical output horsepower (hp)	0.32	17S60H	Hollow		
		Output OHL (lb)	1,190	—	—		
All ratios		Input OHL (lb)	140	One diameter from seal surface			—

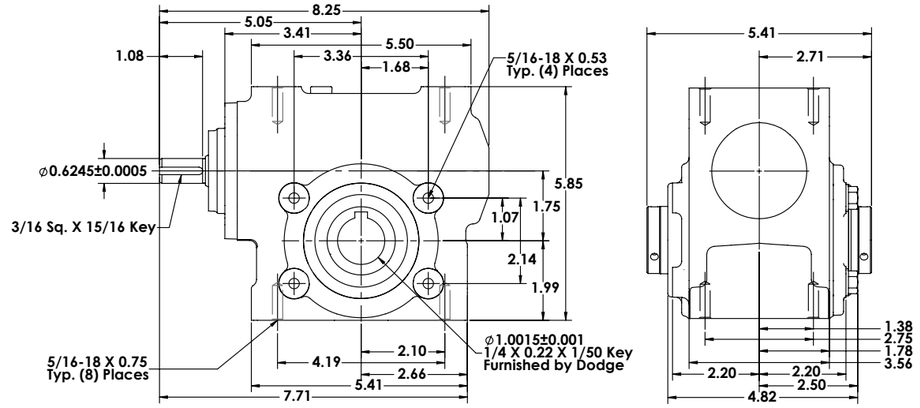
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 17BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with separate input – Size 17

Solid output



Hollow output



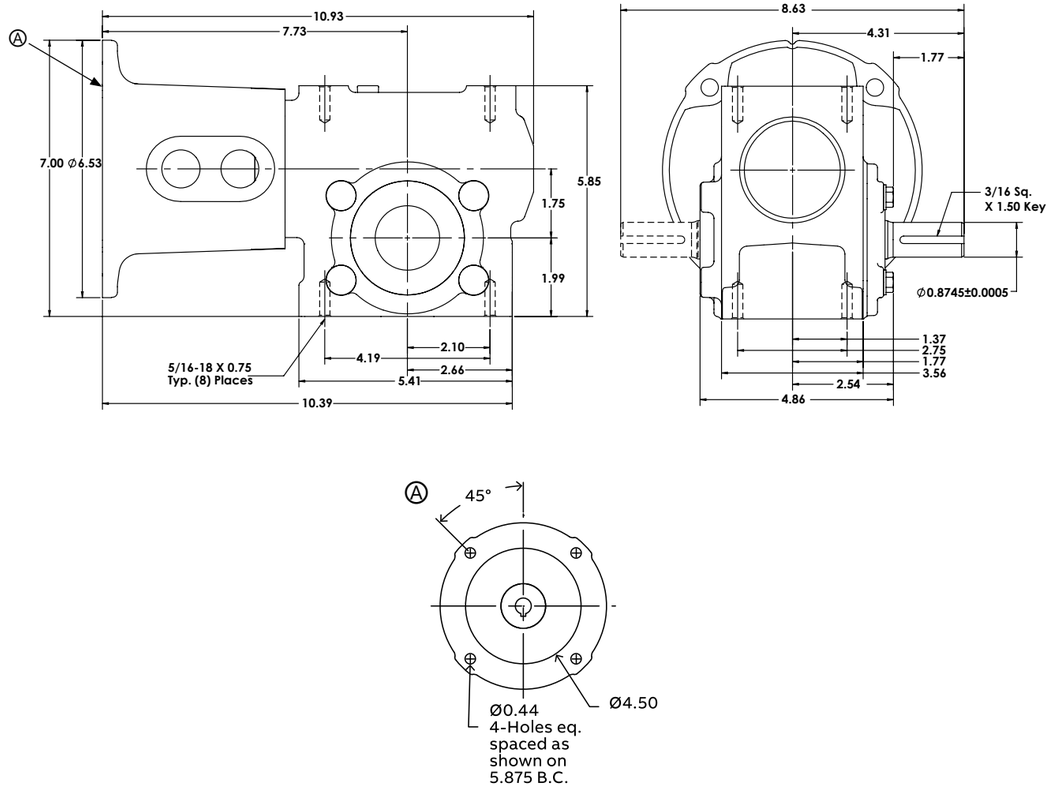
Tigear-2 reducers with three-piece coupled input – Size 17

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	2.65	17A05L56	17A05L14	Left
		Thermal input horsepower (hp)	5.44	17A05R56	17A05R14	Right
		Output torque (lb-in)	440	17A05LR56	17A05LR14	Left/Right
		Mechanical output horsepower (hp)	2.45	17A05H56	17A05H14	Hollow
		Output OHL (lb)	1,050	—	—	—
7.5	233	Mechanical input horsepower (hp)	2.37	17A07L56	17A07L14	Left
		Thermal input horsepower (hp)	4.98	17A07R56	17A07R14	Right
		Output torque (lb-in)	584	17A07LR56	17A07LR14	Left/Right
		Mechanical output horsepower (hp)	2.16	17A07H56	17A07H14	Hollow
		Output OHL (lb)	1,190	—	—	—
10	175	Mechanical input horsepower (hp)	2.12	17A10L56	17A10L14	Left
		Thermal input horsepower (hp)	4.55	17A10R56	17A10R14	Right
		Output torque (lb-in)	676	17A10R56	17A10LR14	Left/Right
		Mechanical output horsepower (hp)	1.88	17A10H56	17A10H14	Hollow
		Output OHL (lb)	1,190	—	—	—
15	117	Mechanical input horsepower (hp)	1.77	17A15L56	17A15L14	Left
		Thermal input horsepower (hp)	3.97	17A15R56	17A15R14	Right
		Output torque (lb-in)	813	17A15LR56	17A15LR14	Left/Right
		Mechanical output horsepower (hp)	1.50	17A15H56	17A15H14	Hollow
		Output OHL (lb)	1,190	—	—	—
20	88	Mechanical input horsepower (hp)	1.52	17A20L56	17A20L14	Left
		Thermal input horsepower (hp)	3.53	17A20R56	17A20R14	Right
		Output torque (lb-in)	893	17A20LR56	17A20LR14	Left/Right
		Mechanical output horsepower (hp)	1.24	17A20H56	17A20H14	Hollow
		Output OHL (lb)	1,190	—	—	—
25	70	Mechanical input horsepower (hp)	1.20	17A25L56	17A25L14	Left
		Thermal input horsepower (hp)	2.92	17A25R56	17A25R14	Right
		Output torque (lb-in)	835	17A25LR56	17A25LR14	Left/Right
		Mechanical output horsepower (hp)	0.93	17A25H56	17A25H14	Hollow
		Output OHL (lb)	1,190	—	—	—
30	58	Mechanical input horsepower (hp)	1.06	17A30L56	17A30L14	Left
		Thermal input horsepower (hp)	2.46	17A30R56	17A30R14	Right
		Output torque (lb-in)	859	17A30LR56	17A30LR14	Left/Right
		Mechanical output horsepower (hp)	0.80	17A30H56	17A30H14	Hollow
		Output OHL (lb)	1,190	—	—	—
40	44	Mechanical input horsepower (hp)	0.85	17A40L56		Left
		Thermal input horsepower (hp)	1.88	17A40R56		Right
		Output torque (lb-in)	878	17A40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	17A40H56		Hollow
		Output OHL (lb)	1,190	—		—
50	35	Mechanical input horsepower (hp)	0.72	17A50L56		Left
		Thermal input horsepower (hp)	1.57	17A50R56		Right
		Output torque (lb-in)	865	17A50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	17A50H56		Hollow
		Output OHL (lb)	1,190	—		—
60	29	Mechanical input horsepower (hp)	0.51	17A60L56		Left
		Thermal input horsepower (hp)	1.30	17A60R56		Right
		Output torque (lb-in)	692	17A60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.32	17A60H56		Hollow
		Output OHL (lb)	1,190	—		—

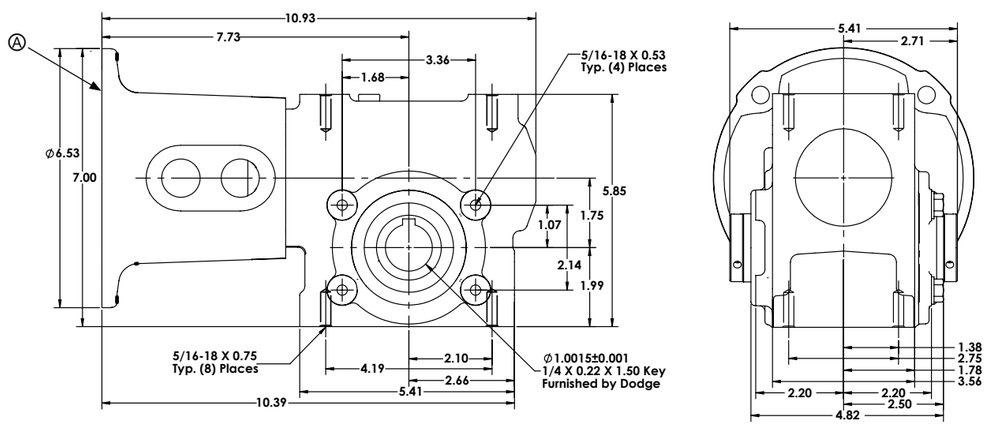
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 17BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with three-piece coupled input – Size 17

Solid output



Hollow output



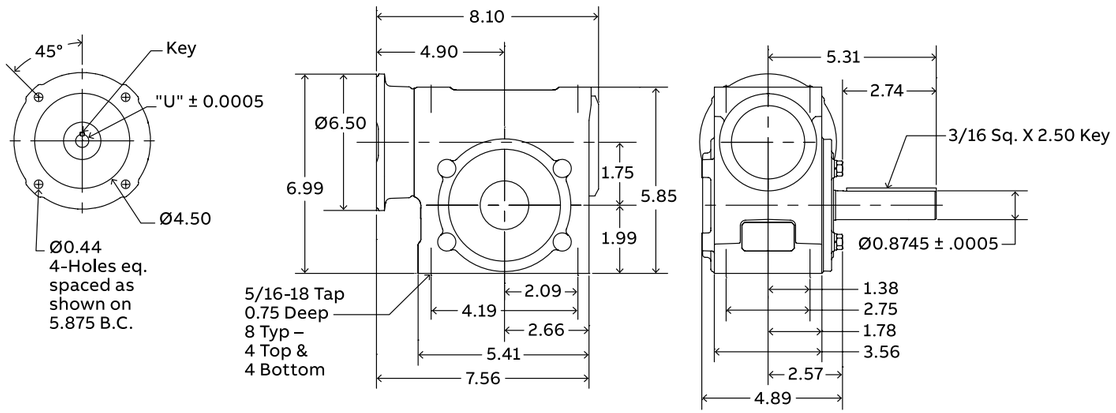
Tigear-2 reducers with quill input – Size 176

Size 17 with 1.00 inch extended length output shaft

Motor frame	Shaft position*	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
56C	Left	176Q05L56	176Q07L56	176Q10L56	176Q15L56	176Q20L56	176Q25L56	176Q30L56	176Q40L56	176Q50L56	176Q60L56
	Right	176Q05R56	176Q07R56	176Q10R56	176Q15R56	176Q20R56	176Q25R56	176Q30R56	176Q40R56	176Q50R56	176Q60R56
140TC	Left	176Q05L14	176Q07L14	176Q10L14	176Q15L14	176Q20L14	176Q25L14	176Q30L14	—	—	—
	Right	176Q05R14	176Q07R14	176Q10R14	176Q15R14	176Q20R14	176Q25R14	176Q30R14	—	—	—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 17BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 2.25 Key
140TC	Ø0.876	3/16 sq. x 2.25 Key

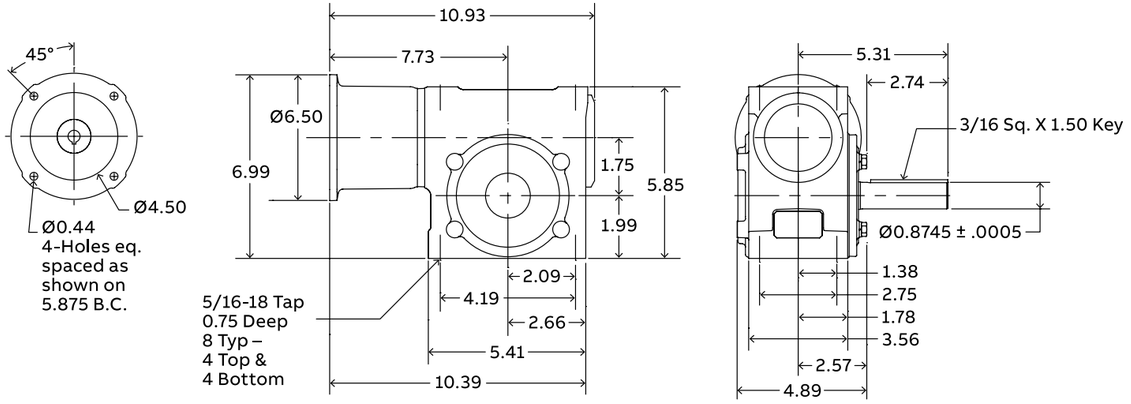
Tigear-2 reducers with three-piece coupled input – Size 176

Size 17 with 1.00 inch extended length output shaft

Motor frame	Shaft position*	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
56C	Left	176A05L56	176A07L56	176A10L56	176A15L56	176A20L56	176A25L56	176A30L56	176A40L56	176A50L56	176A60L56
	Right	176A05R56	176A07R56	176A10R56	176A15R56	176A20R56	176A25R56	176A30R56	176A40R56	176A50R56	176A60R56
140TC	Left	176A05L14	176A07L14	176A10L14	176A15L14	176A20L14	176A25L14	176A30L14	—	—	—
	Right	176A05R14	176A07R14	176A10R14	176A15R14	176A20R14	176A25R14	176A30R14	—	—	—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 17BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Solid output



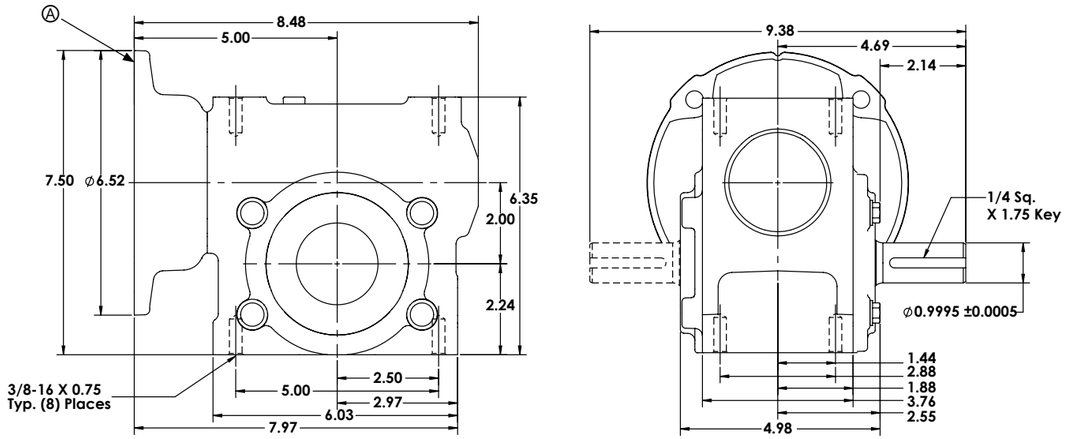
Tigear-2 reducers with quill input – Size 20

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	Shaft position*
4	438	Mechanical input horsepower (hp)	4.67	20Q04L56	20Q04L14	Left
		Thermal input horsepower (hp)	7.61	20Q04R56	20Q04R14	Right
		Output torque (lb-in)	625	20Q04LR56	20Q04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	20Q04H56	20Q04H14	Hollow
		Output OHL (lb)	1,380	20Q04HA56	20Q04HA14	Hollow alt.
5	350	Mechanical input horsepower (hp)	3.89	20Q05L56	20Q05L14	Left
		Thermal input horsepower (hp)	7.44	20Q05R56	20Q05R14	Right
		Output torque (lb-in)	652	20Q05LR56	20Q05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	20Q05H56	20Q05H14	Hollow
		Output OHL (lb)	1,380	20Q05HA56	20Q05HA14	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	3.50	20Q07L56	20Q07L14	Left
		Thermal input horsepower (hp)	6.39	20Q07R56	20Q07R14	Right
		Output torque (lb-in)	864	20Q07LR56	20Q07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	20Q07H56	20Q07H14	Hollow
		Output OHL (lb)	1,560	20Q07HA56	20Q07HA14	Hollow alt.
10	175	Mechanical input horsepower (hp)	3.13	20Q10L56	20Q10L14	Left
		Thermal input horsepower (hp)	5.47	20Q10R56	20Q10R14	Right
		Output torque (lb-in)	1,007	20Q10LR56	20Q10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	20Q10H56	20Q10H14	Hollow
		Output OHL (lb)	1,560	20Q10HA56	20Q10HA14	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	2.59	20Q12L56	20Q12L14	Left
		Thermal input horsepower (hp)	4.80	20Q12R56	20Q12R14	Right
		Output torque (lb-in)	1,053	20Q12LR56	20Q12LR14	Left/Right
		Mechanical output horsepower (hp)	2.30	20Q12H56	20Q12H14	Hollow
		Output OHL (lb)	1,560	20Q12HA56	20Q12HA14	Hollow alt.
15	117	Mechanical input horsepower (hp)	2.30	20Q15L56	20Q15L14	Left
		Thermal input horsepower (hp)	4.37	20Q15R56	20Q15R14	Right
		Output torque (lb-in)	1,074	20Q15LR56	20Q15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	20Q15H56	20Q15H14	Hollow
		Output OHL (lb)	1,560	20Q15HA56	20Q15HA14	Hollow alt.
18	97	Mechanical input horsepower (hp)	1.94	20Q18L56	20Q18L14	Left
		Thermal input horsepower (hp)	3.88	20Q18R56	20Q18R14	Right
		Output torque (lb-in)	1,059	20Q18LR56	20Q18LR14	Left/Right
		Mechanical output horsepower (hp)	1.63	20Q18H56	20Q18H14	Hollow
		Output OHL (lb)	1,560	20Q18HA56	20Q18HA14	Hollow alt.
20	88	Mechanical input horsepower (hp)	1.77	20Q20L56	20Q20L14	Left
		Thermal input horsepower (hp)	3.62	20Q20R56	20Q20R14	Right
		Output torque (lb-in)	1,056	20Q20LR56	20Q20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	20Q20H56	20Q20H14	Hollow
		Output OHL (lb)	1,560	20Q20HA56	20Q20HA14	Hollow alt.
25	70	Mechanical input horsepower (hp)	1.52	20Q25L56	20Q25L14	Left
		Thermal input horsepower (hp)	2.82	20Q25R56	20Q25R14	Right
		Output torque (lb-in)	1,085	20Q25LR56	20Q25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	20Q25H56	20Q25H14	Hollow
		Output OHL (lb)	1,560	20Q25HA56	20Q25HA14	Hollow alt.
30	58	Mechanical input horsepower (hp)	1.30	20Q30L56	20Q30L14	Left
		Thermal input horsepower (hp)	2.36	20Q30R56	20Q30R14	Right
		Output torque (lb-in)	1,083	20Q30LR56	20Q30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	20Q30H56	20Q30H14	Hollow
		Output OHL (lb)	1,560	20Q30HA56	20Q30HA14	Hollow alt.
40	44	Mechanical input horsepower (hp)	1.06	20Q40L56	20Q40L14	Left
		Thermal input horsepower (hp)	1.78	20Q40R56	20Q40R14	Right
		Output torque (lb-in)	1,125	20Q40LR56	20Q40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	20Q40H56	20Q40H14	Hollow
		Output OHL (lb)	1,560	20Q40HA56	20Q40HA14	Hollow alt.
50	35	Mechanical input horsepower (hp)	0.82	20Q50L56		Left
		Thermal input horsepower (hp)	1.46	20Q50R56		Right
		Output torque (lb-in)	1,016	20Q50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	20Q50H56		Hollow
		Output OHL (lb)	1,560	20Q50HA56		Hollow alt.
60	29	Mechanical input horsepower (hp)	0.75	20Q60L56		Left
		Thermal input horsepower (hp)	1.25	20Q60R56		Right
		Output torque (lb-in)	1,042	20Q60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	20Q60H56		Hollow
		Output OHL (lb)	1,560	20Q60HA56		Hollow alt.

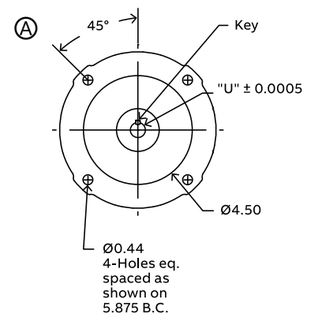
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 20BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 20

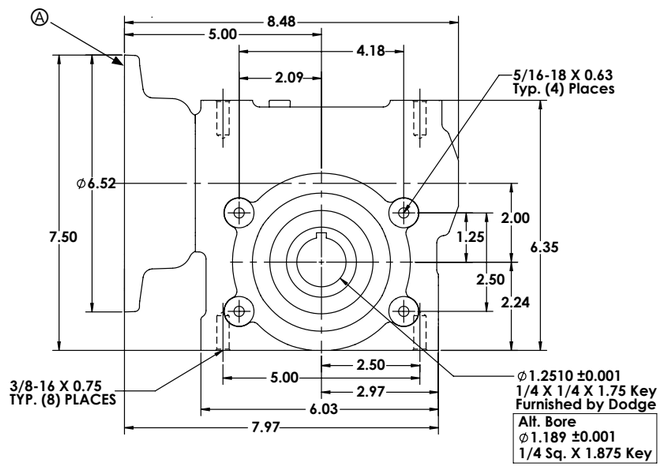
Solid output

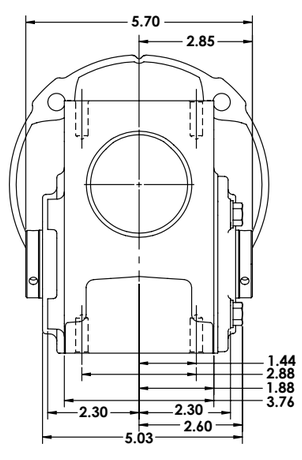


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.88 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key



Hollow output





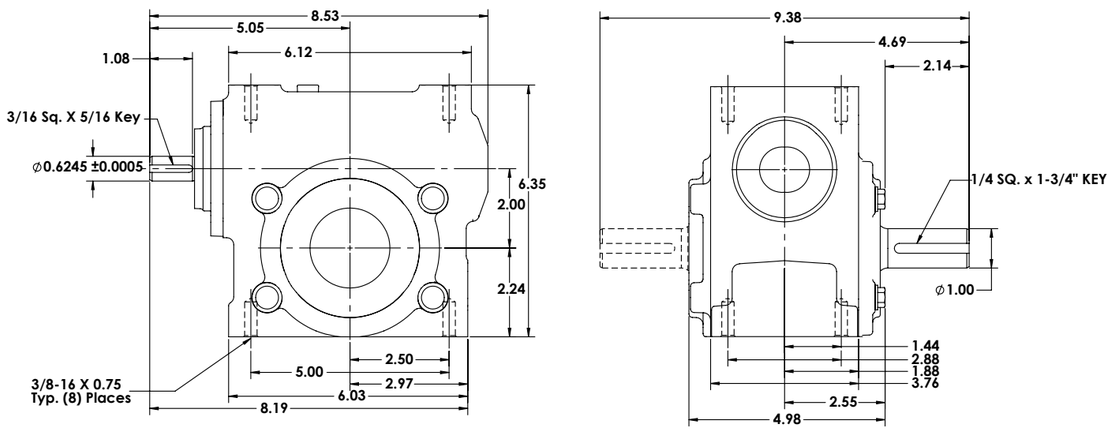
Tigear-2 reducers with separate input – Size 20

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	Optional motor adapter kit 140TC
4	438	Mechanical input horsepower (hp)	4.67	20S04L	Left	—	—
		Thermal input horsepower (hp)	7.61	20S04R	Right		
		Output torque (lb-in)	625	20S04LR	Left/Right		
		Mechanical output horsepower (hp)	4.34	20S04H	Hollow		
		Output OHL (lb)	1,380	20S04HA	Hollow alt.		
5	350	Mechanical input horsepower (hp)	3.89	20S05L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	7.44	20S05R	Right		
		Output torque (lb-in)	652	20S05LR	Left/Right		
		Mechanical output horsepower (hp)	3.62	20S05H	Hollow		
		Output OHL (lb)	1,380	20S05HA	Hollow alt.		
7.5	233	Mechanical input horsepower (hp)	3.50	20S07L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	6.39	20S07R	Right		
		Output torque (lb-in)	864	20S07LR	Left/Right		
		Mechanical output horsepower (hp)	3.20	20S07H	Hollow		
		Output OHL (lb)	1,560	20S07HA	Hollow alt.		
10	175	Mechanical input horsepower (hp)	3.13	20S10L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	5.47	20S10R	Right		
		Output torque (lb-in)	1,007	20S10LR	Left/Right		
		Mechanical output horsepower (hp)	2.80	20S10H	Hollow		
		Output OHL (lb)	1,560	20S10HA	Hollow alt.		
12.7	138	Mechanical input horsepower (hp)	2.59	20S12L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	4.80	20S12R	Right		
		Output torque (lb-in)	1,053	20S12LR	Left/Right		
		Mechanical output horsepower (hp)	2.30	20S12H	Hollow		
		Output OHL (lb)	1,560	20S12HA	Hollow alt.		
15	117	Mechanical input horsepower (hp)	2.30	20S15L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	4.37	20S15R	Right		
		Output torque (lb-in)	1,074	20S15LR	Left/Right		
		Mechanical output horsepower (hp)	1.99	20S15H	Hollow		
		Output OHL (lb)	1,560	20S15HA	Hollow alt.		
18	97	Mechanical input horsepower (hp)	1.94	20S18L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	3.88	20S18R	Right		
		Output torque (lb-in)	1,059	20S18LR	Left/Right		
		Mechanical output horsepower (hp)	1.63	20S18H	Hollow		
		Output OHL (lb)	1,560	20S18HA	Hollow alt.		
20	88	Mechanical input horsepower (hp)	1.77	20S20L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	3.62	20S20R	Right		
		Output torque (lb-in)	1,056	20S20LR	Left/Right		
		Mechanical output horsepower (hp)	1.47	20S20H	Hollow		
		Output OHL (lb)	1,560	20S20HA	Hollow alt.		
25	70	Mechanical input horsepower (hp)	1.52	20S25L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	2.82	20S25R	Right		
		Output torque (lb-in)	1,085	20S25LR	Left/Right		
		Mechanical output horsepower (hp)	1.21	20S25H	Hollow		
		Output OHL (lb)	1,560	20S25HA	Hollow alt.		
30	58	Mechanical input horsepower (hp)	1.30	20S30L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	2.36	20S30R	Right		
		Output torque (lb-in)	1,083	20S30LR	Left/Right		
		Mechanical output horsepower (hp)	1.00	20S30H	Hollow		
		Output OHL (lb)	1,560	20S30HA	Hollow alt.		
40	44	Mechanical input horsepower (hp)	1.06	20S40L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	1.78	20S40R	Right		
		Output torque (lb-in)	1,125	20S40LR	Left/Right		
		Mechanical output horsepower (hp)	0.79	20S40H	Hollow		
		Output OHL (lb)	1,560	20S40HA	Hollow alt.		
50	35	Mechanical input horsepower (hp)	0.82	20S50L	Left	1720MTR56	—
		Thermal input horsepower (hp)	1.46	20S50R	Right		
		Output torque (lb-in)	1,016	20S50LR	Left/Right		
		Mechanical output horsepower (hp)	0.56	20S50H	Hollow		
		Output OHL (lb)	1,560	20S50HA	Hollow alt.		
60	29	Mechanical input horsepower (hp)	0.75	20S60L	Left	1720MTR56	—
		Thermal input horsepower (hp)	1.25	20S60R	Right		
		Output torque (lb-in)	1,042	20S60LR	Left/Right		
		Mechanical output horsepower (hp)	0.48	20S60H	Hollow		
		Output OHL (lb)	1,560	20S60HA	Hollow alt.		
All ratios		Input OHL (lb)	200	One diameter from seal surface			—

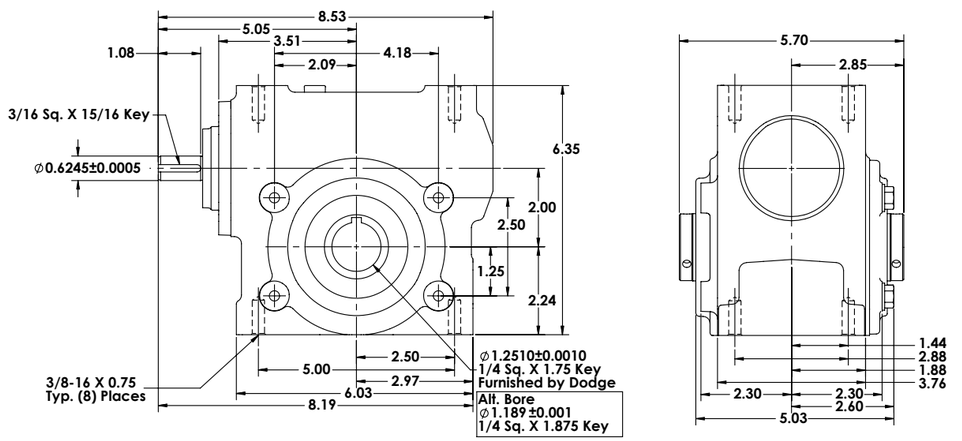
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 20BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with separate input – Size 20

Solid output



Hollow output



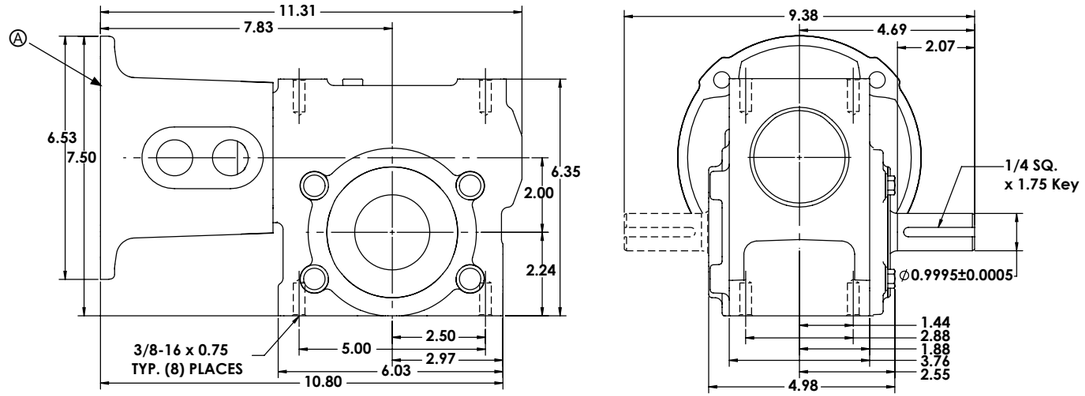
Tigear-2 reducers with three-piece coupled input – Size 20

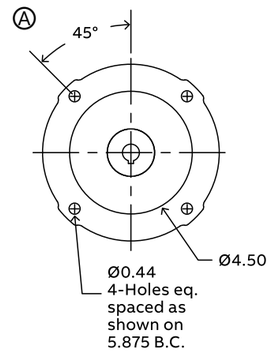
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	Shaft position*
		Mechanical input horsepower (hp)	4.67	20A04L56	20A04L14	Left
		Thermal input horsepower (hp)	7.61	20A04R56	20A04R14	Right
4	438	Output torque (lb-in)	625	20A04LR56	20A04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	20A04H56	20A04H14	Hollow
		Output OHL (lb)	1,380	20A04HA56	20A04HA14	Hollow alt.
		Mechanical input horsepower (hp)	3.89	20A05L56	20A05L14	Left
		Thermal input horsepower (hp)	7.44	20A05R56	20A05R14	Right
5	350	Output torque (lb-in)	652	20A05LR56	20A05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	20A05H56	20A05H14	Hollow
		Output OHL (lb)	1,380	20A05HA56	20A05HA14	Hollow alt.
		Mechanical input horsepower (hp)	3.50	20A07L56	20A07L14	Left
		Thermal input horsepower (hp)	6.39	20A07R56	20A07R14	Right
7.5	233	Output torque (lb-in)	864	20A07LR56	20A07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	20A07H56	20A07H14	Hollow
		Output OHL (lb)	1,560	20A07HA56	20A07HA14	Hollow alt.
		Mechanical input horsepower (hp)	3.13	20A10L56	20A10L14	Left
		Thermal input horsepower (hp)	5.47	20A10R56	20A10R14	Right
10	175	Output torque (lb-in)	1,007	20A10LR56	20A10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	20A10H56	20A10H14	Hollow
		Output OHL (lb)	1,560	20A10HA56	20A10HA14	Hollow alt.
		Mechanical input horsepower (hp)	2.59	20A12L56	20A12L14	Left
		Thermal input horsepower (hp)	4.80	20A12R56	20A12R14	Right
12.7	138	Output torque (lb-in)	1,053	20A12LR56	20A12LR14	Left/Right
		Mechanical output horsepower (hp)	2.30	20A12H56	20A12H14	Hollow
		Output OHL (lb)	1,560	20A12HA56	20A12HA14	Hollow alt.
		Mechanical input horsepower (hp)	2.30	20A15L56	20A15L14	Left
		Thermal input horsepower (hp)	4.37	20A15R56	20A15R14	Right
15	117	Output torque (lb-in)	1,074	20A15LR56	20A15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	20A15H56	20A15H14	Hollow
		Output OHL (lb)	1,560	20A15HA56	20A15HA14	Hollow alt.
		Mechanical input horsepower (hp)	1.94	20A18L56	20A18L14	Left
		Thermal input horsepower (hp)	3.88	20A18R56	20A18R14	Right
18	97	Output torque (lb-in)	1,059	20A18LR56	20A18LR14	Left/Right
		Mechanical output horsepower (hp)	1.63	20A18H56	20A18H14	Hollow
		Output OHL (lb)	1,560	20A18HA56	20A18HA14	Hollow alt.
		Mechanical input horsepower (hp)	1.77	20A20L56	20A20L14	Left
		Thermal input horsepower (hp)	3.62	20A20R56	20A20R14	Right
20	88	Output torque (lb-in)	1,056	20A20LR56	20A20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	20A20H56	20A20H14	Hollow
		Output OHL (lb)	1,560	20A20HA56	20A20HA14	Hollow alt.
		Mechanical input horsepower (hp)	1.52	20A25L56	20A25L14	Left
		Thermal input horsepower (hp)	2.82	20A25R56	20A25R14	Right
25	70	Output torque (lb-in)	1,085	20A25LR56	20A25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	20A25H56	20A25H14	Hollow
		Output OHL (lb)	1,560	20A25HA56	20A25HA14	Hollow alt.
		Mechanical input horsepower (hp)	1.30	20A30L56	20A30L14	Left
		Thermal input horsepower (hp)	2.36	20A30R56	20A30R14	Right
30	58	Output torque (lb-in)	1,083	20A30LR56	20A30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	20A30H56	20A30H14	Hollow
		Output OHL (lb)	1,560	20A30HA56	20A30HA14	Hollow alt.
		Mechanical input horsepower (hp)	1.06	20A40L56	20A40L14	Left
		Thermal input horsepower (hp)	1.78	20A40R56	20A40R14	Right
40	44	Output torque (lb-in)	1,125	20A40LR56	20A40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	20A40H56	20A40H14	Hollow
		Output OHL (lb)	1,560	20A40HA56	20A40HA14	Hollow alt.
		Mechanical input horsepower (hp)	0.82	20A50L56		Left
		Thermal input horsepower (hp)	1.46	20A50R56		Right
50	35	Output torque (lb-in)	1,016	20A50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	20A50H56		Hollow
		Output OHL (lb)	1,560	20A50HA56		Hollow alt.
		Mechanical input horsepower (hp)	0.75	20A60L56		Left
		Thermal input horsepower (hp)	1.25	20A60R56		Right
60	29	Output torque (lb-in)	1,042	20A60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	20A60H56		Hollow
		Output OHL (lb)	1,560	20A60HA56		Hollow alt.

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 20BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

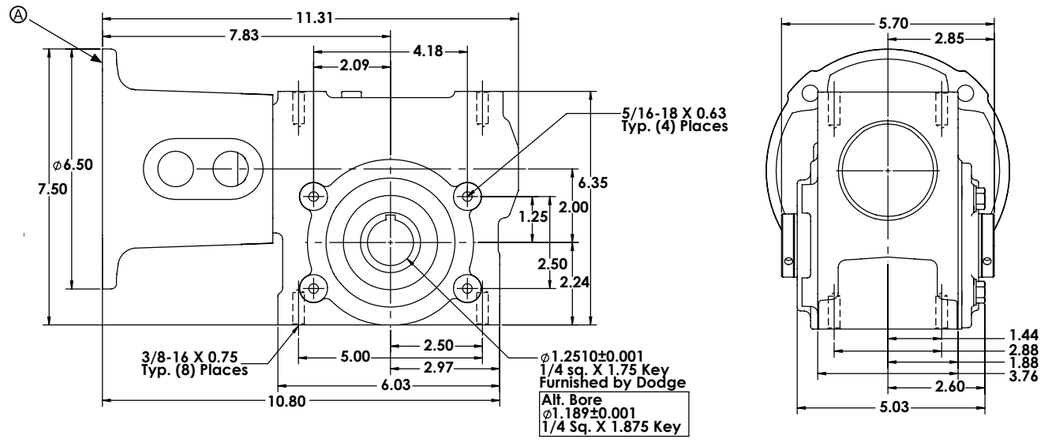
Tigear-2 reducers with three-piece coupled input – Size 20

Solid output





Hollow output



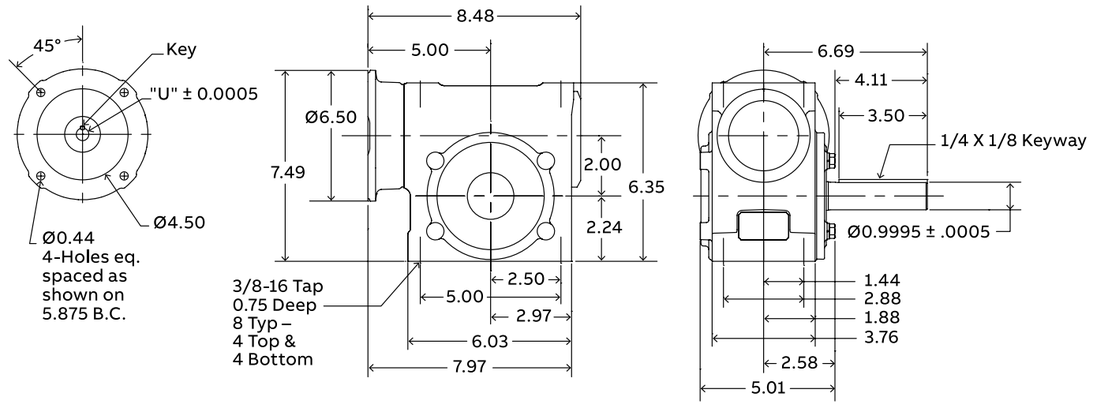
Tigear-2 reducers with quill input – Size 202

Size 20 with 2.00 inch extended length output shaft

Motor frame	Shaft position*	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
56C	Left	202Q05L56	202Q07L56	202Q10L56	202Q15L56	202Q20L56	202Q25L56	202Q30L56	202Q40L56	202Q50L56	202Q60L56
	Right	202Q05R56	202Q07R56	202Q10R56	202Q15R56	202Q20R56	202Q25R56	202Q30R56	202Q40R56	202Q50R56	202Q60R56
140TC	Left	202Q05L14	202Q07L14	202Q10L14	202Q15L14	202Q20L14	202Q25L14	202Q30L14	202Q40L14	—	—
	Right	202Q05R14	202Q07R14	202Q10R14	202Q15R14	202Q20R14	202Q25R14	202Q30R14	202Q40R14	—	—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 20BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.88 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key

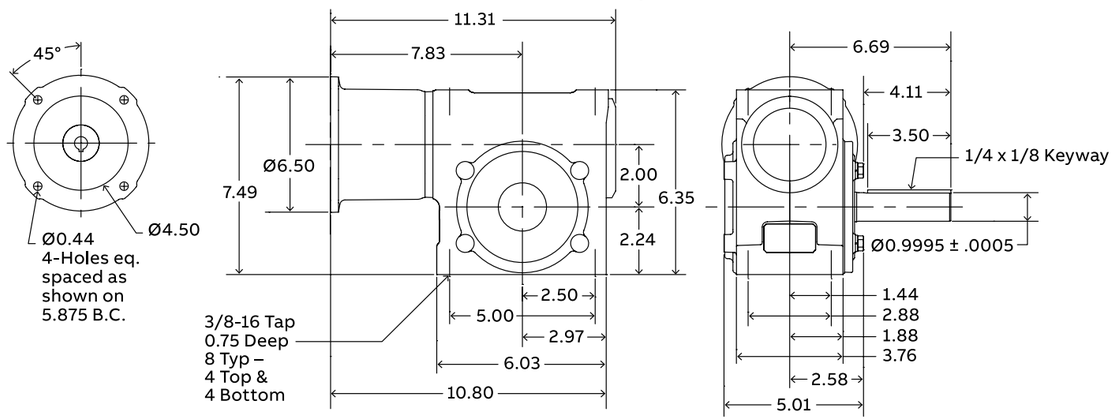
Tigear-2 reducers with three-piece coupled input – Size 202

Size 20 with 2.00 inch extended length output shaft

Motor frame	Shaft position*	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
56C	Left	202A05L56	202A07L56	202A10L56	202A15L56	202A20L56	202A25L56	202A30L56	202A40L56	202A50L56	202A60L56
	Right	202A05R56	202A07R56	202A10R56	202A15R56	202A20R56	202A25R56	202A30R56	202A40R56	202A50R56	202A60R56
140TC	Left	202A05L14	202A07L14	202A10L14	202A15L14	202A20L14	202A25L14	202A30L14	202A40L14	—	—
	Right	202A05R14	202A07R14	202A10R14	202A15R14	202A20R14	202A25R14	202A30R14	202A40R14	—	—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 20BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Solid output



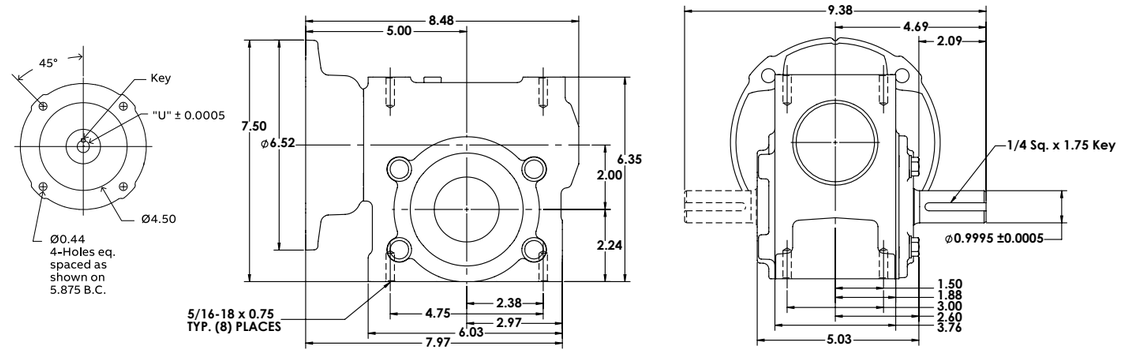
Tigear-2 reducers with quill input – Size 21B

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
4	438	Mechanical input horsepower (hp)	4.67	21BQ04L56	21BQ04L14	Left
		Thermal input horsepower (hp)	7.61	21BQ04R56	21BQ04R14	Right
		Output torque (lb-in)	625	21BQ04LR56	21BQ04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	—	—	—
		Output OHL (lb)	1,380	—	—	—
5	350	Mechanical input horsepower (hp)	3.89	21BQ05L56	21BQ05L14	Left
		Thermal input horsepower (hp)	7.44	21BQ05R56	21BQ05R14	Right
		Output torque (lb-in)	652	21BQ05LR56	21BQ05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	—	—	—
		Output OHL (lb)	1,380	—	—	—
7.5	233	Mechanical input horsepower (hp)	3.50	21BQ07L56	21BQ07L14	Left
		Thermal input horsepower (hp)	6.39	21BQ07R56	21BQ07R14	Right
		Output torque (lb-in)	864	21BQ07LR56	21BQ07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	—	—	—
		Output OHL (lb)	1,560	—	—	—
10	175	Mechanical input horsepower (hp)	3.13	21BQ10L56	21BQ10L14	Left
		Thermal input horsepower (hp)	5.47	21BQ10R56	21BQ10R14	Right
		Output torque (lb-in)	1,007	21BQ10LR56	21BQ10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	—	—	—
		Output OHL (lb)	1,560	—	—	—
12.7	138	Mechanical input horsepower (hp)	2.59	21BQ12L56	21BQ12L14	Left
		Thermal input horsepower (hp)	4.80	21BQ12R56	21BQ12R14	Right
		Output torque (lb-in)	1,053	21BQ12LR56	21BQ12LR14	Left/Right
		Mechanical output horsepower (hp)	2.30	—	—	—
		Output OHL (lb)	1,560	—	—	—
15	117	Mechanical input horsepower (hp)	2.30	21BQ15L56	21BQ15L14	Left
		Thermal input horsepower (hp)	4.37	21BQ15R56	21BQ15R14	Right
		Output torque (lb-in)	1,074	21BQ15LR56	21BQ15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	—	—	—
		Output OHL (lb)	1,560	—	—	—
18	97	Mechanical input horsepower (hp)	1.94	21BQ18L56	21BQ18L14	Left
		Thermal input horsepower (hp)	3.88	21BQ18R56	21BQ18R14	Right
		Output torque (lb-in)	1,059	21BQ18LR56	21BQ18LR14	Left/Right
		Mechanical output horsepower (hp)	1.63	—	—	—
		Output OHL (lb)	1,560	—	—	—
20	88	Mechanical input horsepower (hp)	1.77	21BQ20L56	21BQ20L14	Left
		Thermal input horsepower (hp)	3.62	21BQ20R56	21BQ20R14	Right
		Output torque (lb-in)	1,056	21BQ20LR56	21BQ20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	—	—	—
		Output OHL (lb)	1,560	—	—	—
25	70	Mechanical input horsepower (hp)	1.52	21BQ25L56	21BQ25L14	Left
		Thermal input horsepower (hp)	2.82	21BQ25R56	21BQ25R14	Right
		Output torque (lb-in)	1,085	21BQ25LR56	21BQ25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	—	—	—
		Output OHL (lb)	1,560	—	—	—
30	58	Mechanical input horsepower (hp)	1.30	21BQ30L56	21BQ30L14	Left
		Thermal input horsepower (hp)	2.36	21BQ30R56	21BQ30R14	Right
		Output torque (lb-in)	1,083	21BQ30LR56	21BQ30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	—	21BQ30H14	—
		Output OHL (lb)	1,560	—		—
40	44	Mechanical input horsepower (hp)	1.06	21BQ40L56	21BQ40L14	Left
		Thermal input horsepower (hp)	1.78	21BQ40R56	21BQ40R14	Right
		Output torque (lb-in)	1,125	21BQ40LR56	21BQ40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	—	21BQ40H14	—
		Output OHL (lb)	1,560	—		—
50	35	Mechanical input horsepower (hp)	0.82	21BQ50L56		Left
		Thermal input horsepower (hp)	1.46	21BQ50R56		Right
		Output torque (lb-in)	1,016	21BQ50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	—		—
		Output OHL (lb)	1,560	—		—
60	29	Mechanical input horsepower (hp)	0.75	21BQ60L56		Left
		Thermal input horsepower (hp)	1.25	21BQ60R56		Right
		Output torque (lb-in)	1,042	21BQ60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	—		—
		Output OHL (lb)	1,560	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 21BBASE if required.
Available in E-Z Kleen washdown configurations upon request, contact your Field Sales Engineer for more information.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 21B

Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.25 Key
140TC	Ø0.876	3/16 sq. x 1.25 Key

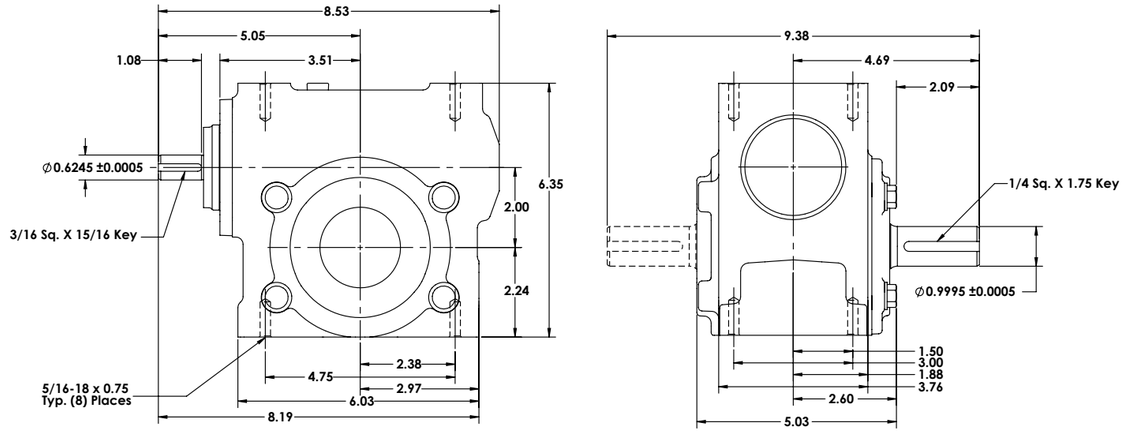
Tigear-2 reducers with separate input – Size 21B

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional Motor Adapter Kit 56C	140TC
4	438	Mechanical input horsepower (hp)	4.67	21BS04L	Left	—	—
		Thermal input horsepower (hp)	7.61	21BS04R	Right		
		Output torque (lb-in)	625	21BS04LR	Left/Right		
		Mechanical output horsepower (hp)	4.34	—	—		
		Output OHL (lb)	1,380	—	—		
5	350	Mechanical input horsepower (hp)	3.89	21BS05L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	7.44	21BS05R	Right		
		Output torque (lb-in)	652	21BS05LR	Left/Right		
		Mechanical output horsepower (hp)	3.62	—	—		
		Output OHL (lb)	1,380	—	—		
7.5	233	Mechanical input horsepower (hp)	3.50	21BS07L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	6.39	21BS07R	Right		
		Output torque (lb-in)	864	21BS07LR	Left/Right		
		Mechanical output horsepower (hp)	3.20	—	—		
		Output OHL (lb)	1,560	—	—		
10	175	Mechanical input horsepower (hp)	3.13	21BS10L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	5.47	21BS10R	Right		
		Output torque (lb-in)	1,007	21BS10LR	Left/Right		
		Mechanical output horsepower (hp)	2.80	—	—		
		Output OHL (lb)	1,560	—	—		
12.7	138	Mechanical input horsepower (hp)	2.59	21BS12L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	4.80	21BS12R	Right		
		Output torque (lb-in)	1,053	21BS12LR	Left/Right		
		Mechanical output horsepower (hp)	2.30	—	—		
		Output OHL (lb)	1,560	—	—		
15	117	Mechanical input horsepower (hp)	2.30	21BS15L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	4.37	21BS15R	Right		
		Output torque (lb-in)	1,074	21BS15LR	Left/Right		
		Mechanical output horsepower (hp)	1.99	—	—		
		Output OHL (lb)	1,560	—	—		
18	97	Mechanical input horsepower (hp)	1.94	21BS18L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	3.88	21BS18R	Right		
		Output torque (lb-in)	1,059	21BS18LR	Left/Right		
		Mechanical output horsepower (hp)	1.63	—	—		
		Output OHL (lb)	1,560	—	—		
20	88	Mechanical input horsepower (hp)	1.77	21BS20L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	3.62	21BS20R	Right		
		Output torque (lb-in)	1,056	21BS20LR	Left/Right		
		Mechanical output horsepower (hp)	1.47	—	—		
		Output OHL (lb)	1,560	—	—		
25	70	Mechanical input horsepower (hp)	1.52	21BS25L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	2.82	21BS25R	Right		
		Output torque (lb-in)	1,085	21BS25LR	Left/Right		
		Mechanical output horsepower (hp)	1.21	—	—		
		Output OHL (lb)	1,560	—	—		
30	58	Mechanical input horsepower (hp)	1.30	21BS30L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	2.36	21BS30R	Right		
		Output torque (lb-in)	1,083	21BS30LR	Left/Right		
		Mechanical output horsepower (hp)	1.00	—	—		
		Output OHL (lb)	1,560	—	—		
40	44	Mechanical input horsepower (hp)	1.06	21BS40L	Left	1720MTR56	1720MTR14
		Thermal input horsepower (hp)	1.78	21BS40R	Right		
		Output torque (lb-in)	1,125	21BS40LR	Left/Right		
		Mechanical output horsepower (hp)	0.79	—	—		
		Output OHL (lb)	1,560	—	—		
50	35	Mechanical input horsepower (hp)	0.82	21BS50L	Left	1720MTR56	—
		Thermal input horsepower (hp)	1.46	21BS50R	Right		
		Output torque (lb-in)	1,016	21BS50LR	Left/Right		
		Mechanical output horsepower (hp)	0.56	—	—		
		Output OHL (lb)	1,560	—	—		
60	29	Mechanical input horsepower (hp)	0.75	21BS60L	Left	1720MTR56	—
		Thermal input horsepower (hp)	1.25	21BS60R	Right		
		Output torque (lb-in)	1,042	21BS60LR	Left/Right		
		Mechanical output horsepower (hp)	0.48	—	—		
		Output OHL (lb)	1,560	—	—		
All ratios		Input OHL (lb)	200	One diameter from seal surface			

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 21BBASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with separate input – Size 21B

Solid output



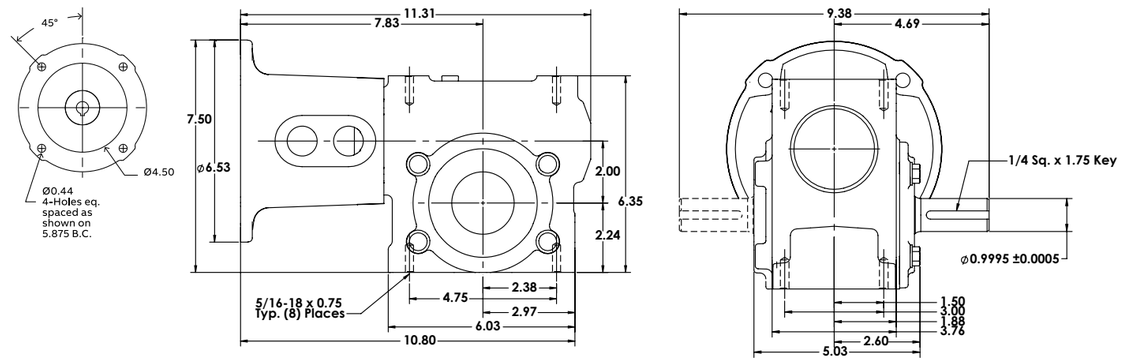
Tigear-2 reducers with three-piece coupled input – Size 21B

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	Shaft position*
4	438	Mechanical input horsepower (hp)	4.67	21BA04L56	21BA04L14	Left
		Thermal input horsepower (hp)	7.61	21BA04R56	21BA04R14	Right
		Output torque (lb-in)	625	21BA04LR56	21BA04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	—	—	—
		Output OHL (lb)	1,380	—	—	—
5	350	Mechanical input horsepower (hp)	3.89	21BA05L56	21BA05L14	Left
		Thermal input horsepower (hp)	7.44	21BA05R56	21BA05R14	Right
		Output torque (lb-in)	652	21BA05LR56	21BA05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	—	—	—
		Output OHL (lb)	1,380	—	—	—
7.5	233	Mechanical input horsepower (hp)	3.50	21BA07L56	21BA07L14	Left
		Thermal input horsepower (hp)	6.39	21BA07R56	21BA07R14	Right
		Output torque (lb-in)	864	21BA07LR56	21BA07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	—	—	—
		Output OHL (lb)	1,560	—	—	—
10	175	Mechanical input horsepower (hp)	3.13	21BA10L56	21BA10L14	Left
		Thermal input horsepower (hp)	5.47	21BA10R56	21BA10R14	Right
		Output torque (lb-in)	1,007	21BA10LR56	21BA10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	—	—	—
		Output OHL (lb)	1,560	—	—	—
12.7	138	Mechanical input horsepower (hp)	2.59	21BA12L56	21BA12L14	Left
		Thermal input horsepower (hp)	4.80	21BA12R56	21BA12R14	Right
		Output torque (lb-in)	1,053	21BA12LR56	21BA12LR14	Left/Right
		Mechanical output horsepower (hp)	2.30	—	—	—
		Output OHL (lb)	1,560	—	—	—
15	117	Mechanical input horsepower (hp)	2.30	21BA15L56	21BA15L14	Left
		Thermal input horsepower (hp)	4.37	21BA15R56	21BA15R14	Right
		Output torque (lb-in)	1,074	21BA15LR56	21BA15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	—	—	—
		Output OHL (lb)	1,560	—	—	—
18	97	Mechanical input horsepower (hp)	1.94	21BA18L56	21BA18L14	Left
		Thermal input horsepower (hp)	3.88	21BA18R56	21BA18R14	Right
		Output torque (lb-in)	1,059	21BA18LR56	21BA18LR14	Left/Right
		Mechanical output horsepower (hp)	1.63	—	—	—
		Output OHL (lb)	1,560	—	—	—
20	88	Mechanical input horsepower (hp)	1.77	21BA20L56	21BA20L14	Left
		Thermal input horsepower (hp)	3.62	21BA20R56	21BA20R14	Right
		Output torque (lb-in)	1,056	21BA20LR56	21BA20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	—	—	—
		Output OHL (lb)	1,560	—	—	—
25	70	Mechanical input horsepower (hp)	1.52	21BA25L56	21BA25L14	Left
		Thermal input horsepower (hp)	2.82	21BA25R56	21BA25R14	Right
		Output torque (lb-in)	1,085	21BA25LR56	21BA25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	—	—	—
		Output OHL (lb)	1,560	—	—	—
30	58	Mechanical input horsepower (hp)	1.30	21BA30L56	21BA30L14	Left
		Thermal input horsepower (hp)	2.36	21BA30R56	21BA30R14	Right
		Output torque (lb-in)	1,083	21BA30LR56	21BA30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	—	21BA30H14	Hollow
		Output OHL (lb)	1,560	—	—	—
40	44	Mechanical input horsepower (hp)	1.06	21BA40L56	21BA40L14	Left
		Thermal input horsepower (hp)	1.78	21BA40R56	21BA40R14	Right
		Output torque (lb-in)	1,125	21BA40LR56	21BA40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	—	21BA40H14	Hollow
		Output OHL (lb)	1,560	—	—	—
50	35	Mechanical input horsepower (hp)	0.82	21BA50L56		Left
		Thermal input horsepower (hp)	1.46	21BA50R56		Right
		Output torque (lb-in)	1,016	21BA50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	—		—
		Output OHL (lb)	1,560	—		—
60	29	Mechanical input horsepower (hp)	0.75	21BA60L56		Left
		Thermal input horsepower (hp)	1.25	21BA60R56		Right
		Output torque (lb-in)	1,042	21BA60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	—		—
		Output OHL (lb)	1,560	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 21BBASE if required.
Available in E-Z Kleen washdown configurations upon request, contact your Field Sales Engineer for more information.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with three-piece coupled input – Size 21B

Solid output



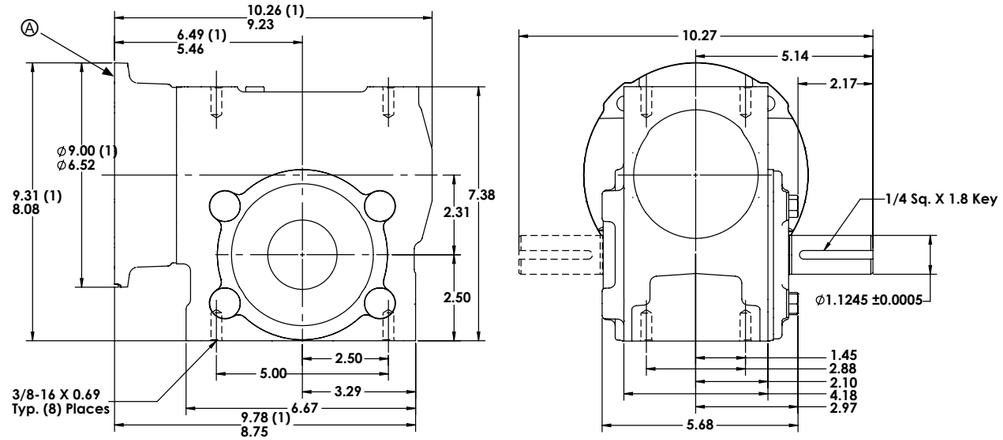
Tigear-2 reducers with quill input – Size 23

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
4	438	Mechanical input horsepower (hp)	7.28	23Q04L56	23Q04L14	23Q04L18	Left
		Thermal input horsepower (hp)	11.05	23Q04R56	23Q04R14	23Q04R18	Right
		Output torque (lb-in)	978	23Q04LR56	23Q04LR14	23Q04LR18	Left/Right
		Mechanical output horsepower (hp)	6.79	23Q04H56	23Q04H14	23Q04H18	Hollow
		Output OHL (lb)	1,330	23Q04HA56	23Q04HQ14	23Q04HQ18	Hollow alt.
5	350	Mechanical input horsepower (hp)	5.66	23Q05L56	23Q05L14	23Q05L18	Left
		Thermal input horsepower (hp)	10.51	23Q05R56	23Q05R14	23Q05R18	Right
		Output torque (lb-in)	949	23Q05LR56	23Q05LR14	23Q05LR18	Left/Right
		Mechanical output horsepower (hp)	5.27	23Q05H56	23Q05H14	23Q05H18	Hollow
		Output OHL (lb)	1,330	23Q05HA56	23Q05HA14	23Q05HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	4.96	23Q07L56	23Q07L14	23Q07L18	Left
		Thermal input horsepower (hp)	8.75	23Q07R56	23Q07R14	23Q07R18	Right
		Output torque (lb-in)	1,234	23Q07LR56	23Q07LR14	23Q07LR18	Left/Right
		Mechanical output horsepower (hp)	4.57	23Q07H56	23Q07H14	23Q07H18	Hollow
		Output OHL (lb)	1,520	23Q07HA56	23Q07HA14	23Q07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	4.22	23Q10L56	23Q10L14	23Q10L18	Left
		Thermal input horsepower (hp)	7.40	23Q10R56	23Q10R14	23Q10R18	Right
		Output torque (lb-in)	1,365	23Q10LR56	23Q10LR14	23Q10LR18	Left/Right
		Mechanical output horsepower (hp)	3.79	23Q10H56	23Q10H14	23Q10H18	Hollow
		Output OHL (lb)	1,610	23Q10HA56	23Q10HA14	23Q10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	3.82	23Q12L56	23Q12L14	23Q12L18	Left
		Thermal input horsepower (hp)	6.44	23Q12R56	23Q12R14	23Q12R18	Right
		Output torque (lb-in)	1,538	23Q12LR56	23Q12LR14	23Q12LR18	Left/Right
		Mechanical output horsepower (hp)	3.36	23Q12H56	23Q12H14	23Q12H18	Hollow
		Output OHL (lb)	1,610	23Q12HA56	23Q12HA14	23Q12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	3.36	23Q15L56	23Q15L14	23Q15L18	Left
		Thermal input horsepower (hp)	5.77	23Q15R56	23Q15R14	23Q15R18	Right
		Output torque (lb-in)	1,568	23Q15LR56	23Q15LR14	23Q15LR18	Left/Right
		Mechanical output horsepower (hp)	2.90	23Q15H56	23Q15H14	23Q15H18	Hollow
		Output OHL (lb)	1,610	23Q15HA56	23Q15HA14	23Q15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	2.61	23Q20L56	23Q20L14		Left
		Thermal input horsepower (hp)	4.61	23Q20R56	23Q20R14		Right
		Output torque (lb-in)	1,542	23Q20LR56	23Q20LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.14	23Q20H56	23Q20H14		Hollow
		Output OHL (lb)	1,610	23Q20HA56	23Q20HA14		Hollow alt.
25	70	Mechanical input horsepower (hp)	2.12	23Q25L56	23Q25L14		Left
		Thermal input horsepower (hp)	3.70	23Q25R56	23Q25R14		Right
		Output torque (lb-in)	1,527	23Q25LR56	23Q25LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.70	23Q25H56	23Q25H14		Hollow
		Output OHL (lb)	1,610	23Q25HA56	23Q25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	1.87	23Q30L56	23Q30L14		Left
		Thermal input horsepower (hp)	3.13	23Q30R56	23Q30R14		Right
		Output torque (lb-in)	1,580	23Q30LR56	23Q30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.46	23Q30H56	23Q30H14		Hollow
		Output OHL (lb)	1,610	23Q30HA56	23Q30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	1.51	23Q40L56	23Q40L14		Left
		Thermal input horsepower (hp)	2.39	23Q40R56	23Q40R14		Right
		Output torque (lb-in)	1,627	23Q40LR56	23Q40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.13	23Q40H56	23Q40H14		Hollow
		Output OHL (lb)	1,610	23Q40HA56	23Q40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.19	23Q50L56	23Q50L14		Left
		Thermal input horsepower (hp)	2.02	23Q50R56	23Q50R14		Right
		Output torque (lb-in)	1,489	23Q50LR56	23Q50LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.83	23Q50H56	23Q50H14		Hollow
		Output OHL (lb)	1,610	23Q50HA56	23Q50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.07	23Q60L56	23Q60L14		Left
		Thermal input horsepower (hp)	1.68	23Q60R56	23Q60R14		Right
		Output torque (lb-in)	1,475	23Q60LR56	23Q60LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.68	23Q60H56	23Q60H14		Hollow
		Output OHL (lb)	1,610	23Q60HA56	23Q60HA14		Hollow alt.

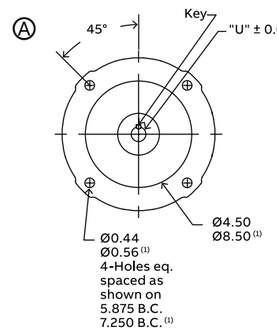
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 23BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 23

Solid output

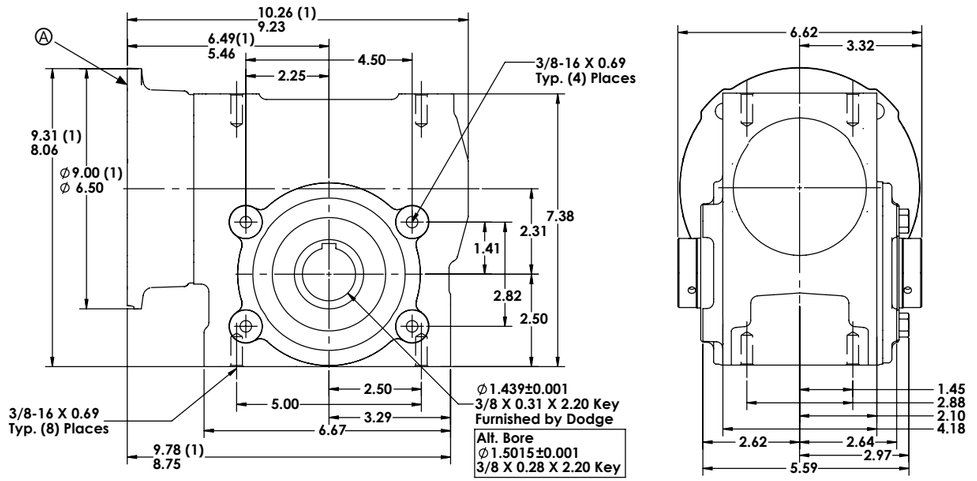


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

Hollow output



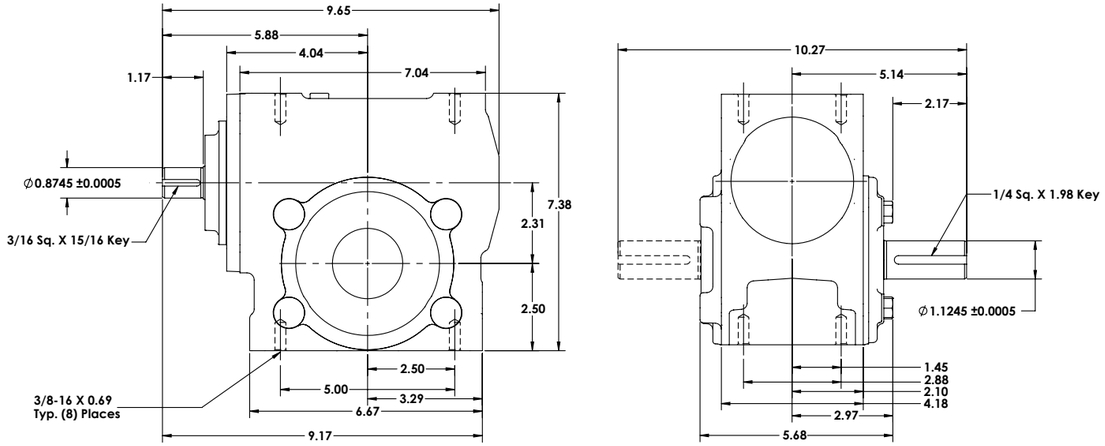
Tigear-2 reducers with separate input – Size 23

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC	180TC
		Mechanical input horsepower (hp)	7.28	23S04L	Left			
		Thermal input horsepower (hp)	11.05	23S04R	Right			
4	438	Output torque (lb-in)	978	23S04LR	Left/Right	—	—	—
		Mechanical output horsepower (hp)	6.79	23S04H	Hollow			
		Output OHL (lb)	1,330	23S04HA	Hollow alt.			
		Mechanical input horsepower (hp)	5.66	23S05L	Left			
		Thermal input horsepower (hp)	10.51	23S05R	Right			
5	350	Output torque (lb-in)	949	23S05LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	5.27	23S05H	Hollow			
		Output OHL (lb)	1,330	23S05HA	Hollow alt.			
		Mechanical input horsepower (hp)	4.96	23S07L	Left			
		Thermal input horsepower (hp)	8.75	23S07R	Right			
7.5	233	Output torque (lb-in)	1,234	23S07LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	4.57	23S07H	Hollow			
		Output OHL (lb)	1,520	23S07HA	Hollow alt.			
		Mechanical input horsepower (hp)	4.22	23S10L	Left			
		Thermal input horsepower (hp)	7.40	23S10R	Right			
10	175	Output torque (lb-in)	1,365	23S10LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	3.79	23S10H	Hollow			
		Output OHL (lb)	1,610	23S10HA	Hollow alt.			
		Mechanical input horsepower (hp)	3.82	23S12L	Left			
		Thermal input horsepower (hp)	6.44	23S12R	Right			
12.7	138	Output torque (lb-in)	1,538	23S12LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	3.36	23S12H	Hollow			
		Output OHL (lb)	1,610	23S12HA	Hollow alt.			
		Mechanical input horsepower (hp)	3.36	23S15L	Left			
		Thermal input horsepower (hp)	5.77	23S15R	Right			
15	117	Output torque (lb-in)	1,568	23S15LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	2.90	23S15H	Hollow			
		Output OHL (lb)	1,610	23S15HA	Hollow alt.			
		Mechanical input horsepower (hp)	2.61	23S20L	Left			
		Thermal input horsepower (hp)	4.61	23S20R	Right			
20	88	Output torque (lb-in)	1,542	23S20LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	2.14	23S20H	Hollow			
		Output OHL (lb)	1,610	23S20HA	Hollow alt.			
		Mechanical input horsepower (hp)	2.12	23S25L	Left			
		Thermal input horsepower (hp)	3.70	23S25R	Right			
25	70	Output torque (lb-in)	1,527	23S25LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.70	23S25H	Hollow			
		Output OHL (lb)	1,610	23S25HA	Hollow alt.			
		Mechanical input horsepower (hp)	1.87	23S30L	Left			
		Thermal input horsepower (hp)	3.13	23S30R	Right			
30	58	Output torque (lb-in)	1,580	23S30LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.46	23S30H	Hollow			
		Output OHL (lb)	1,610	23S30HA	Hollow alt.			
		Mechanical input horsepower (hp)	1.51	23S40L	Left			
		Thermal input horsepower (hp)	2.39	23S40R	Right			
40	44	Output torque (lb-in)	1,627	23S40LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.13	23S40H	Hollow			
		Output OHL (lb)	1,610	23S40HA	Hollow alt.			
		Mechanical input horsepower (hp)	1.19	23S50L	Left			
		Thermal input horsepower (hp)	2.02	23S50R	Right			
50	35	Output torque (lb-in)	1,489	23S50LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	0.83	23S50H	Hollow			
		Output OHL (lb)	1,610	23S50HA	Hollow alt.			
		Mechanical input horsepower (hp)	1.07	23S60L	Left			
		Thermal input horsepower (hp)	1.68	23S60R	Right			
60	29	Output torque (lb-in)	1,475	23S60LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	0.68	23S60H	Hollow			
		Output OHL (lb)	1,610	23S60HA	Hollow alt.			
All ratios		Input OHL (lb)	200	One diameter from seal surface				

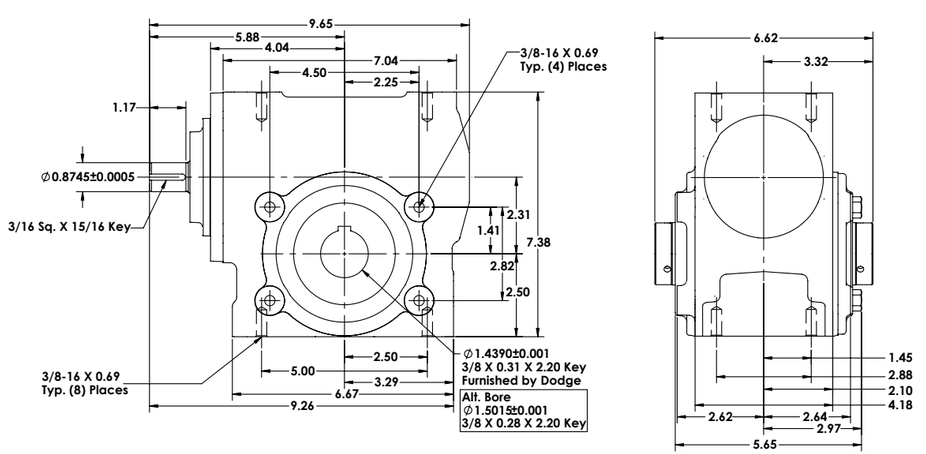
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 23BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with separate input – Size 23

Solid output



Hollow output



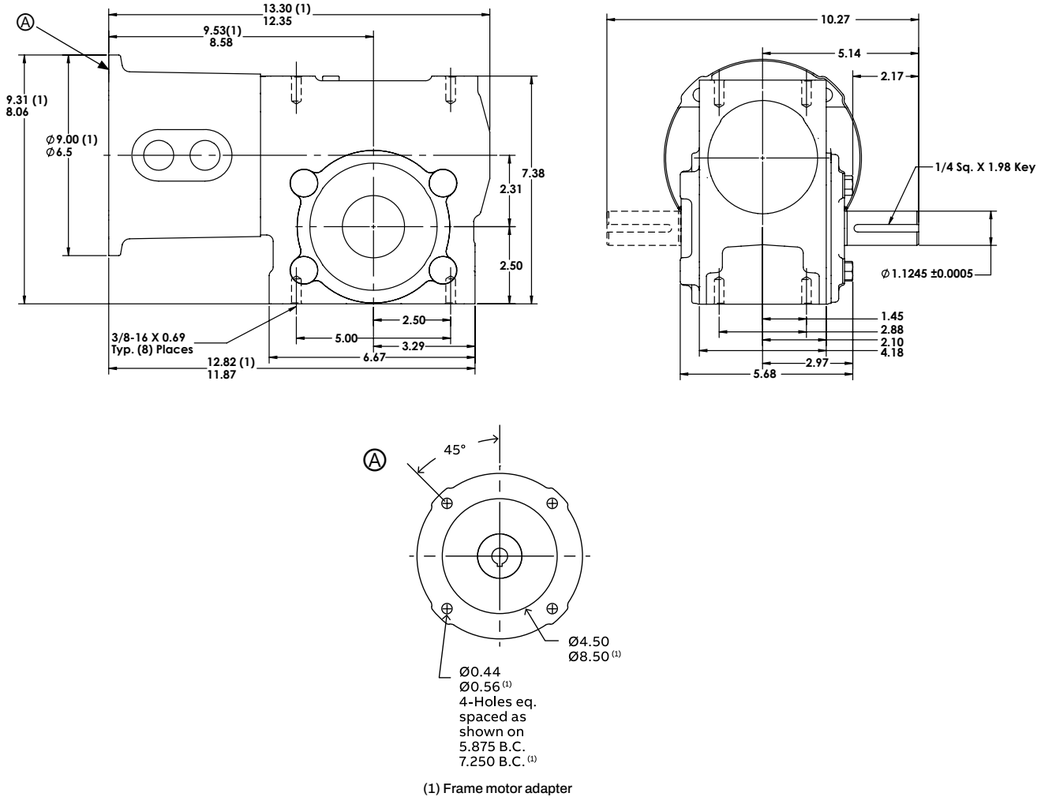
Tigear-2 reducers with three-piece coupled input – Size 23

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
4	438	Mechanical input horsepower (hp)	7.28	23A04L56	23A04L14	23A04L18	Left
		Thermal input horsepower (hp)	11.05	23A04R56	23A04R14	23A04R18	Right
		Output torque (lb-in)	978	23A04LR56	23A04LR14	23A04LR18	Left/Right
		Mechanical output horsepower (hp)	6.79	23A04H56	23A04H14	23A04H18	Hollow
		Output OHL (lb)	1,330	23A04HA56	23A04HA14	23A04HA18	Hollow alt.
5	350	Mechanical input horsepower (hp)	5.66	23A05L56	23A05L14	23A05L18	Left
		Thermal input horsepower (hp)	10.51	23A05R56	23A05R14	23A05R18	Right
		Output torque (lb-in)	949	23A05LR56	23A05LR14	23A05LR18	Left/Right
		Mechanical output horsepower (hp)	5.27	23A05H56	23A05H14	23A05H18	Hollow
		Output OHL (lb)	1,330	23A05HA56	23A05HA14	23A05HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	4.96	23A07L56	23A07L14	23A07L18	Left
		Thermal input horsepower (hp)	8.75	23A07R56	23A07R14	23A07R18	Right
		Output torque (lb-in)	1,234	23A07LR56	23A07LR14	23A07LR18	Left/Right
		Mechanical output horsepower (hp)	4.57	23A07H56	23A07H14	23A07H18	Hollow
		Output OHL (lb)	1,520	23A07HA56	23A07HA14	23A07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	4.22	23A10L56	23A10L14	23A10L18	Left
		Thermal input horsepower (hp)	7.40	23A10R56	23A10R14	23A10R18	Right
		Output torque (lb-in)	1,365	23A10LR56	23A10LR14	23A10LR18	Left/Right
		Mechanical output horsepower (hp)	3.79	23A10H56	23A10H14	23A10H18	Hollow
		Output OHL (lb)	1,610	23A10HA56	23A10HA14	23A10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	3.82	23A12L56	23A12L14	23A12L18	Left
		Thermal input horsepower (hp)	6.44	23A12R56	23A12R14	23A12R18	Right
		Output torque (lb-in)	1,538	23A12LR56	23A12LR14	23A12LR18	Left/Right
		Mechanical output horsepower (hp)	3.36	23A12H56	23A12H14	23A12H18	Hollow
		Output OHL (lb)	1,610	23A12HA56	23A12HA14	23A12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	3.36	23A15L56	23A15L14	23A15L18	Left
		Thermal input horsepower (hp)	5.77	23A15R56	23A15R14	23A15R18	Right
		Output torque (lb-in)	1,568	23A15LR56	23A15LR14	23A15LR18	Left/Right
		Mechanical output horsepower (hp)	2.90	23A15H56	23A15H14	23A15H18	Hollow
		Output OHL (lb)	1,610	23A15HA56	23A15HA14	23A15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	2.61	23A20L56	23A20L14		Left
		Thermal input horsepower (hp)	4.61	23A20R56	23A20R14		Right
		Output torque (lb-in)	1,542	23A20LR56	23A20LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.14	23A20H56	23A20H14		Hollow
		Output OHL (lb)	1,610	23A20HA56	23A20HA14		Hollow alt.
25	70	Mechanical input horsepower (hp)	2.12	23A25L56	23A25L14		Left
		Thermal input horsepower (hp)	3.70	23A25R56	23A25R14		Right
		Output torque (lb-in)	1,527	23A25LR56	23A25LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.70	23A25H56	23A25H14		Hollow
		Output OHL (lb)	1,610	23A25HA56	23A25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	1.87	23A30L56	23A30L14		Left
		Thermal input horsepower (hp)	3.13	23A30R56	23A30R14		Right
		Output torque (lb-in)	1,580	23A30LR56	23A30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.46	23A30H56	23A30H14		Hollow
		Output OHL (lb)	1,610	23A30HA56	23A30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	1.51	23A40L56	23A40L14		Left
		Thermal input horsepower (hp)	2.39	23A40R56	23A40R14		Right
		Output torque (lb-in)	1,627	23A40LR56	23A40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.13	23A40H56	23A40H14		Hollow
		Output OHL (lb)	1,610	23A40HA56	23A40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.19	23A50L56	23A50L14		Left
		Thermal input horsepower (hp)	2.02	23A50R56	23A50R14		Right
		Output torque (lb-in)	1,489	23A50LR56	23A50LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.83	23A50H56	23A50H14		Hollow
		Output OHL (lb)	1,610	23A50HA56	23A50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.07	23A60L56	23A60L14		Left
		Thermal input horsepower (hp)	1.68	23A60R56	23A60R14		Right
		Output torque (lb-in)	1,475	23A60LR56	23A60LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.68	23A60H56	23A60H14		Hollow
		Output OHL (lb)	1,610	23A60HA56	23A60HA14		Hollow alt.

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 23BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

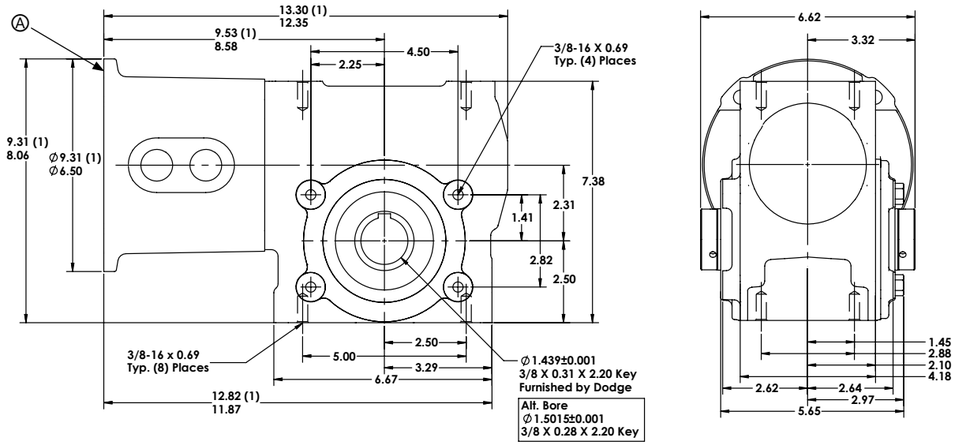
Tigear-2 reducers with three-piece coupled input – Size 23

Solid output



(1) Frame motor adapter

Hollow output



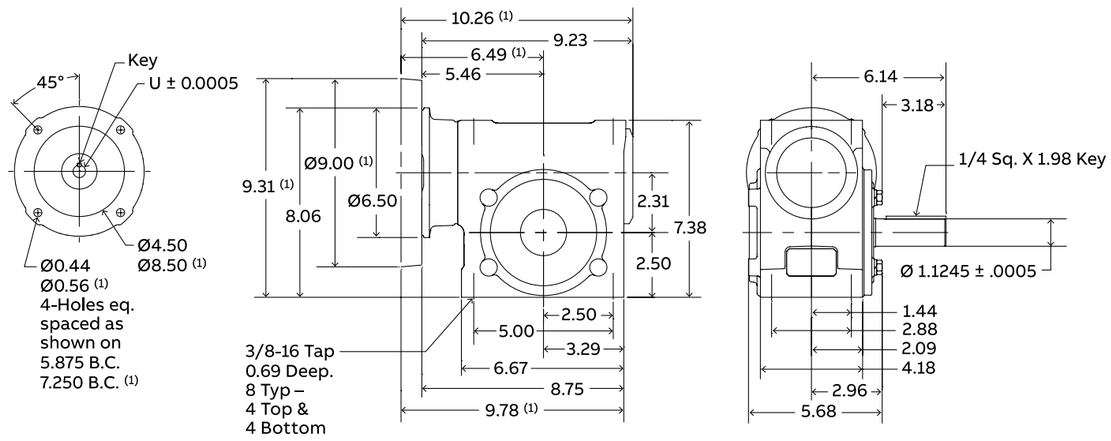
Tigear-2 reducers with quill input – Size 232

Size 23 with 1.00 inch extended length output shaft

Motor frame	Shaft position*	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
56C	Left	232Q05L56	232Q07L56	232Q10L56	232Q15L56	232Q20L56	232Q25L56	232Q30L56	232Q40L56	232Q50L56	232Q60L56
	Right	232Q05R56	232Q07R56	232Q10R56	232Q15R56	232Q20R56	232Q25R56	232Q30R56	232Q40R56	232Q50R56	232Q60R56
140TC	Left	232Q05L14	232Q07L14	232Q10L14	232Q15L14	232Q20L14	232Q25L14	232Q30L14	232Q40L14	232Q50L14	232Q60L14
	Right	232Q05R14	232Q07R14	232Q10R14	232Q15R14	232Q20R14	232Q25R14	232Q30R14	232Q40R14	232Q50R14	232Q60R14
180TC	Left	232Q05L18	232Q07L18	232Q10L18	232Q15L18	—	—	—	—	—	—
	Right	232Q05R18	232Q07R18	232Q10R18	232Q15R18	—	—	—	—	—	—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 23BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Solid output



(1) 180 Frame motor adapter

Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key

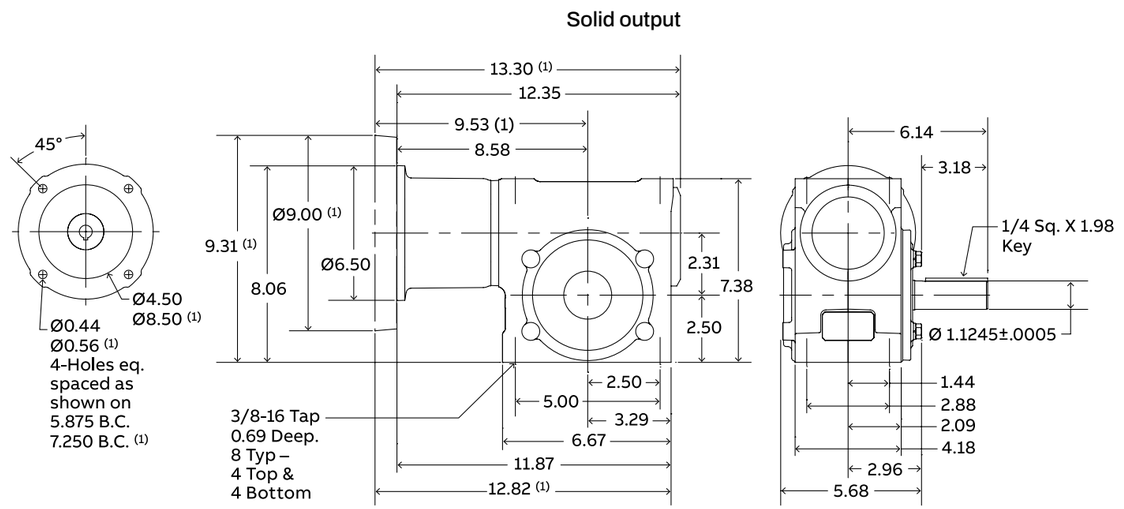
Tigear-2 reducers with three-piece coupled input – Size 232

Size 23 with 1.00 inch extended length output shaft

Motor frame	Shaft position*	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
56C	Left	232A05L56	232A07L56	232A10L56	232A15L56	232A20L56	232A25L56	232A30L56	232A40L56	232A50L56	232A60L56
	Right	232A05R56	232A07R56	232A10R56	232A15R56	232A20R56	232A25R56	232A30R56	232A40R56	232A50R56	232A60R56
140TC	Left	232A05L14	232A07L14	232A10L14	232A15L14	232A20L14	232A25L14	232A30L14	232A40L14	232A50L14	232A60L14
	Right	232A05R14	232A07R14	232A10R14	232A15R14	232A20R14	232A25R14	232A30R14	232A40R14	232A50R14	232A60R14
180TC	Left	232A05L18	232A07L18	232A10L18	232A15L18	—	—	—	—	—	—
	Right	232A05R18	232A07R18	232A10R18	232A15R18	—	—	—	—	—	—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 23BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Solid output



(1) 180 Frame motor adapter

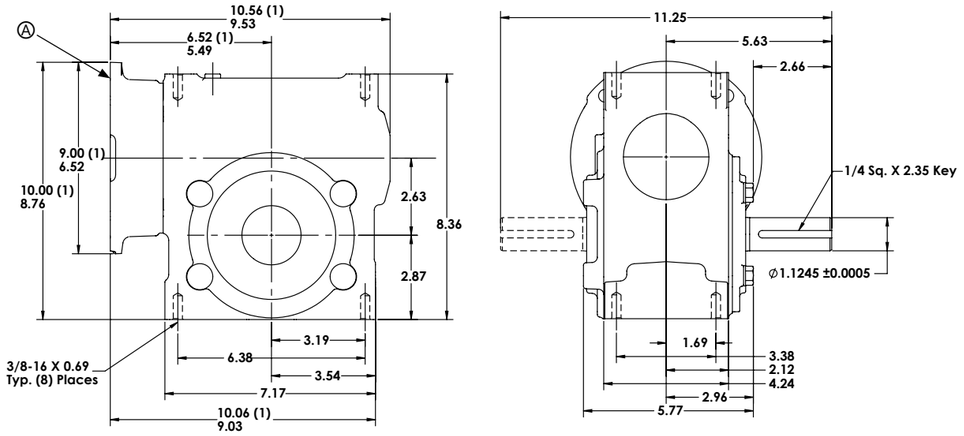
Tigear-2 reducers with quill input – Size 26

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	7.71	—	26Q05L14	26Q05L18	Left
		Thermal input horsepower (hp)	13.54		26Q05R14	26Q05R18	Right
		Output torque (lb-in)	1,305		26Q05LR14	26Q05LR18	Left/Right
		Mechanical output horsepower (hp)	7.25		26Q05H14	26Q05H18	Hollow
		Output OHL (lb)	1,330		26Q05HA14	26Q05HA18	Hollow alt.
6.5	269	Mechanical input horsepower (hp)	7.34	26Q06L56	26Q06L14	26Q06L18	Left
		Thermal input horsepower (hp)	11.96	26Q06R56	26Q06R14	26Q06R18	Right
		Output torque (lb-in)	1,594	26Q06LR56	26Q06LR14	26Q06LR18	Left/Right
		Mechanical output horsepower (hp)	6.81	26Q06H56	26Q06H14	26Q06H18	Hollow
		Output OHL (lb)	1,450	26Q06HA56	26Q06HQ14	26Q06HQ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	6.98	26Q07L56	26Q07L14	26Q07L18	Left
		Thermal input horsepower (hp)	11.15	26Q07R56	26Q07R14	26Q07R18	Right
		Output torque (lb-in)	1,742	26Q07LR56	26Q07LR14	26Q07LR18	Left/Right
		Mechanical output horsepower (hp)	6.45	26Q07H56	26Q07H14	26Q07H18	Hollow
		Output OHL (lb)	1,520	26Q07HA56	26Q07HA14	26Q07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	6.02	26Q10L56	26Q10L14	26Q10L18	Left
		Thermal input horsepower (hp)	9.28	26Q10R56	26Q10R14	26Q10R18	Right
		Output torque (lb-in)	1,962	26Q10LR56	26Q10LR14	26Q10LR18	Left/Right
		Mechanical output horsepower (hp)	5.45	26Q10H56	26Q10H14	26Q10H18	Hollow
		Output OHL (lb)	1,610	26Q10HA56	26Q10HA14	26Q10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	5.12	26Q12L56	26Q12L14	26Q12L18	Left
		Thermal input horsepower (hp)	7.94	26Q12R56	26Q12R14	26Q12R18	Right
		Output torque (lb-in)	2,084	26Q12LR56	26Q12LR14	26Q12LR18	Left/Right
		Mechanical output horsepower (hp)	4.56	26Q12H56	26Q12H14	26Q12H18	Hollow
		Output OHL (lb)	1,610	26Q12HA56	26Q12HA14	26Q12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	4.25	26Q15L56	26Q15L14	26Q15L18	Left
		Thermal input horsepower (hp)	6.20	26Q15R56	26Q15R14	26Q15R18	Right
		Output torque (lb-in)	2,004	26Q15LR56	26Q15LR14	26Q15LR18	Left/Right
		Mechanical output horsepower (hp)	3.71	26Q15H56	26Q15H14	26Q15H18	Hollow
		Output OHL (lb)	1,610	26Q15HA56	26Q15HA14	26Q15HA18	Hollow alt.
18	97	Mechanical input horsepower (hp)	3.76	26Q18L56	26Q18L14	26Q18L18	Left
		Thermal input horsepower (hp)	6.05	26Q18R56	26Q18R14	26Q18R18	Right
		Output torque (lb-in)	2,101	26Q18LR56	26Q18LR14	26Q18LR18	Left/Right
		Mechanical output horsepower (hp)	3.24	26Q18H56	26Q18H14	26Q18H18	Hollow
		Output OHL (lb)	1,610	26Q18HA56	26Q18HA14	26Q18HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	3.38	26Q20L56	26Q20L14	26Q20L18	Left
		Thermal input horsepower (hp)	5.41	26Q20R56	26Q20R14	26Q20R18	Right
		Output torque (lb-in)	2,084	26Q20LR56	26Q20LR14	26Q20LR18	Left/Right
		Mechanical output horsepower (hp)	2.89	26Q20H56	26Q20H14	26Q20H18	Hollow
		Output OHL (lb)	1,610	26Q20HA56	26Q20HA14	26Q20HA18	Hollow alt.
25	70	Mechanical input horsepower (hp)	2.71	26Q25L56	26Q25L14		Left
		Thermal input horsepower (hp)	4.49	26Q25R56	26Q25R14		Right
		Output torque (lb-in)	2,008	26Q25LR56	26Q25LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.23	26Q25H56	26Q25H14		Hollow
		Output OHL (lb)	1,610	26Q25HA56	26Q25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	2.51	26Q30L56	26Q30L14		Left
		Thermal input horsepower (hp)	3.96	26Q30R56	26Q30R14		Right
		Output torque (lb-in)	2,142	26Q30LR56	26Q30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.98	26Q30H56	26Q30H14		Hollow
		Output OHL (lb)	1,610	26Q30HA56	26Q30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	2.12	26Q40L56	26Q40L14		Left
		Thermal input horsepower (hp)	3.05	26Q40R56	26Q40R14		Right
		Output torque (lb-in)	2,306	26Q40LR56	26Q40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.60	26Q40H56	26Q40H14		Hollow
		Output OHL (lb)	1,610	26Q40HA56	26Q40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.61	26Q50L56	26Q50L14		Left
		Thermal input horsepower (hp)	2.59	26Q50R56	26Q50R14		Right
		Output torque (lb-in)	2,021	26Q50LR56	26Q50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.12	26Q50H56	26Q50H14		Hollow
		Output OHL (lb)	1,610	26Q50HA56	26Q50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.51	26Q60L56	26Q60L14		Left
		Thermal input horsepower (hp)	2.11	26Q60R56	26Q60R14		Right
		Output torque (lb-in)	2,176	26Q60LR56	26Q60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.01	26Q60H56	26Q60H14		Hollow
		Output OHL (lb)	1,610	26Q60HA56	26Q60HA14		Hollow alt.
80	22	Mechanical input horsepower (hp)	1.16	26Q80L56			Left
		Thermal input horsepower (hp)	1.74	26Q80R56			Right
		Output torque (lb-in)	2,161	26Q80LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.75	26Q80H56			Hollow
		Output OHL (lb)	1,610	26Q80HA56			Hollow alt.
100	18	Mechanical input horsepower (hp)	0.77	26Q100L56			Left
		Thermal input horsepower (hp)	1.07	26Q100R56			Right
		Output torque (lb-in)	1,440	26Q100LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.40	26Q100H56			Hollow
		Output OHL (lb)	1,610	26Q100HA56			Hollow alt.

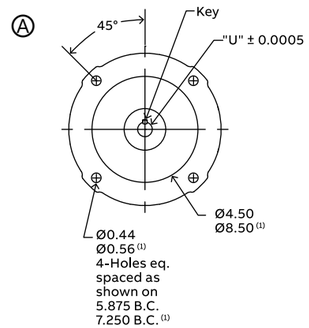
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 26BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 26

Solid output

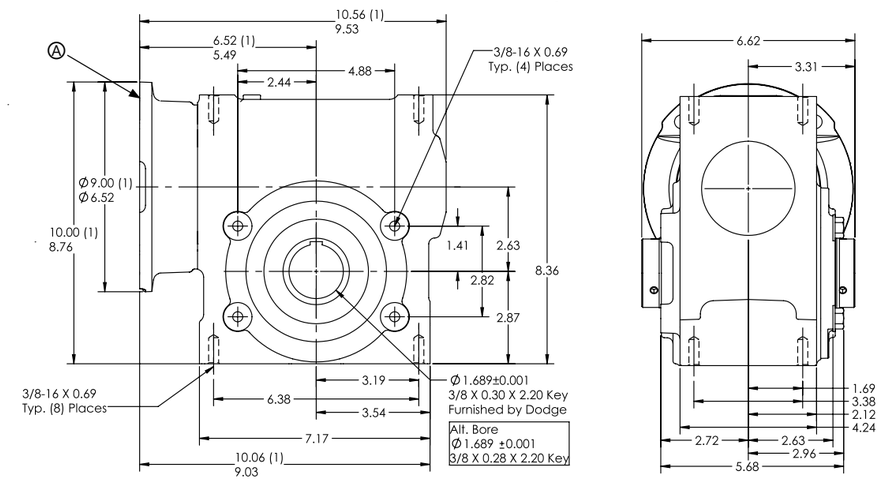


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

Hollow output



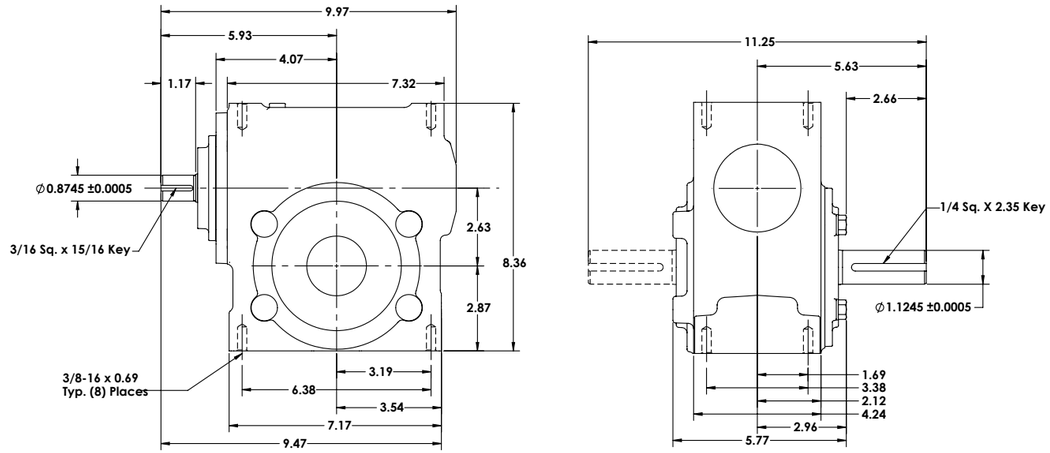
Tigear-2 reducers with separate input – Size 26

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC	180TC
		Mechanical input horsepower (hp)	7.71	26S05L	Left			
		Thermal input horsepower (hp)	13.54	26S05R	Right			
5	350	Output torque (lb-in)	1,305	26S05LR	Left/Right	—	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	7.25	26S05H	Hollow			
		Output OHL (lb)	1,330	26S05HA	Hollow alt.			
		Mechanical input horsepower (hp)	7.34	26S06L	Left			
		Thermal input horsepower (hp)	11.96	26S06R	Right			
6.5	269	Output torque (lb-in)	1,594	26S06LR	Left/Right	—	—	—
		Mechanical output horsepower (hp)	6.81	26S06H	Hollow			
		Output OHL (lb)	1,450	26S06HA	Hollow alt.			
		Mechanical input horsepower (hp)	6.98	26S07L	Left			
		Thermal input horsepower (hp)	11.15	26S07R	Right			
7.5	233	Output torque (lb-in)	1,742	26S07LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	6.45	26S07H	Hollow			
		Output OHL (lb)	1,520	26S07HA	Hollow alt.			
		Mechanical input horsepower (hp)	6.02	26S10L	Left			
		Thermal input horsepower (hp)	9.28	26S10R	Right			
10	175	Output torque (lb-in)	1,962	26S10LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	5.45	26S10H	Hollow			
		Output OHL (lb)	1,610	26S10HA	Hollow alt.			
		Mechanical input horsepower (hp)	5.12	26S12L	Left			
		Thermal input horsepower (hp)	7.94	26S12R	Right			
12.7	138	Output torque (lb-in)	2,084	26S12LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	4.56	26S12H	Hollow			
		Output OHL (lb)	1,610	26S12HA	Hollow alt.			
		Mechanical input horsepower (hp)	4.25	26S15L	Left			
		Thermal input horsepower (hp)	6.20	26S15R	Right			
15	117	Output torque (lb-in)	2,004	26S15LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	3.71	26S15H	Hollow			
		Output OHL (lb)	1,610	26S15HA	Hollow alt.			
		Mechanical input horsepower (hp)	3.76	26S18L	Left			
		Thermal input horsepower (hp)	6.05	26S18R	Right			
18	97	Output torque (lb-in)	2,101	26S18LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	3.24	26S18H	Hollow			
		Output OHL (lb)	1,610	26S18HA	Hollow alt.			
		Mechanical input horsepower (hp)	3.38	26S20L	Left			
		Thermal input horsepower (hp)	5.41	26S20R	Right			
20	88	Output torque (lb-in)	2,084	26S20LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	2.89	26S20H	Hollow			
		Output OHL (lb)	1,610	26S20HA	Hollow alt.			
		Mechanical input horsepower (hp)	2.71	26S25L	Left			
		Thermal input horsepower (hp)	4.49	26S25R	Right			
25	70	Output torque (lb-in)	2,008	26S25LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	2.23	26S25H	Hollow			
		Output OHL (lb)	1,610	26S25HA	Hollow alt.			
		Mechanical input horsepower (hp)	2.51	26S30L	Left			
		Thermal input horsepower (hp)	3.96	26S30R	Right			
30	58	Output torque (lb-in)	2,142	26S30LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.98	26S30H	Hollow			
		Output OHL (lb)	1,610	26S30HA	Hollow alt.			
		Mechanical input horsepower (hp)	2.12	26S40L	Left			
		Thermal input horsepower (hp)	3.05	26S40R	Right			
40	44	Output torque (lb-in)	2,306	26S40LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.60	26S40H	Hollow			
		Output OHL (lb)	1,610	26S40HA	Hollow alt.			
		Mechanical input horsepower (hp)	1.61	26S50L	Left			
		Thermal input horsepower (hp)	2.59	26S50R	Right			
50	35	Output torque (lb-in)	2,021	26S50LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.12	26S50H	Hollow			
		Output OHL (lb)	1,610	26S50HA	Hollow alt.			
		Mechanical input horsepower (hp)	1.51	26S60L	Left			
		Thermal input horsepower (hp)	2.11	26S60R	Right			
60	29	Output torque (lb-in)	2,176	26S60LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.01	26S60H	Hollow			
		Output OHL (lb)	1,610	26S60HA	Hollow alt.			
		Mechanical input horsepower (hp)	1.16	26S80L	Left			
		Thermal input horsepower (hp)	1.74	26S80R	Right			
80	22	Output torque (lb-in)	2,161	26S80LR	Left/Right	—	—	—
		Mechanical output horsepower (hp)	0.75	26S80H	Hollow			
		Output OHL (lb)	1,610	26S80HA	Hollow alt.			
		Mechanical input horsepower (hp)	0.77	26S100L	Left			
		Thermal input horsepower (hp)	1.07	26S100R	Right			
100	18	Output torque (lb-in)	1,440	26S100LR	Left/Right	—	—	—
		Mechanical output horsepower (hp)	0.40	26S100H	Hollow			
		Output OHL (lb)	1,610	26S100HA	Hollow alt.			
All ratios		Input OHL (lb)	250	One diameter from seal surface				

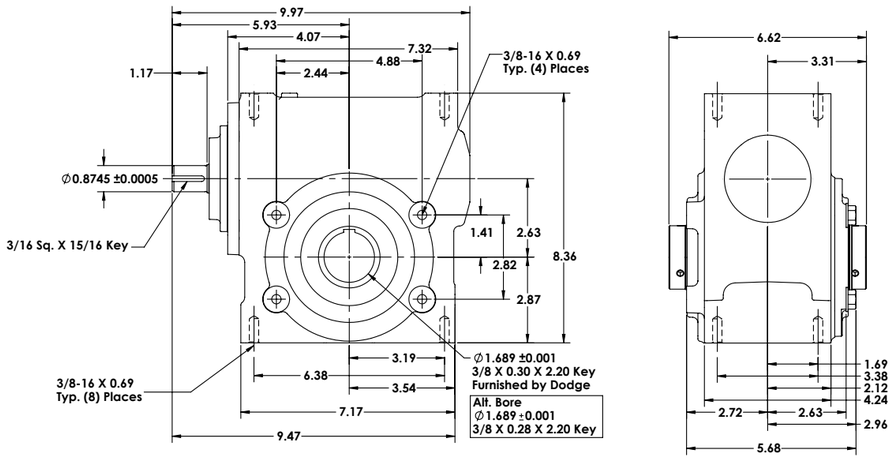
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 26BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with separate input – Size 26

Solid output



Hollow output



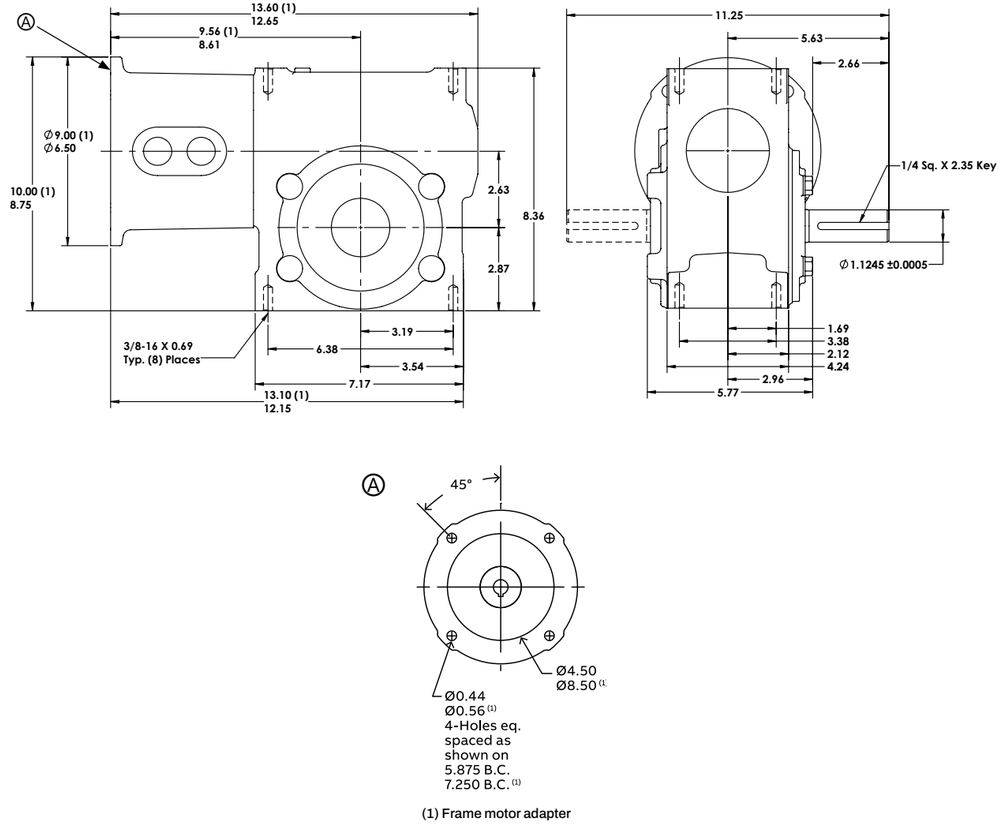
Tigear-2 reducers with three-piece coupled input – Size 26

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	7.71	—	26A05L14	26A05L18	Left
		Thermal input horsepower (hp)	13.54		26A05R14	26A05R18	Right
		Output torque (lb-in)	1,305		26A05LR14	26A05LR18	Left/Right
		Mechanical output horsepower (hp)	7.25		26A05H14	26A05H18	Hollow
		Output OHL (lb)	1,330		26A05HA14	26A05HA18	Hollow alt.
6.5	269	Mechanical input horsepower (hp)	7.34	26A06L56	26A06L14	26A06L18	Left
		Thermal input horsepower (hp)	11.96	26A06R56	26A06R14	26A06R18	Right
		Output torque (lb-in)	1,594	26A06LR56	26A06LR14	26A06LR18	Left/Right
		Mechanical output horsepower (hp)	6.81	26A06H56	26A06H14	26A06H18	Hollow
		Output OHL (lb)	1,450	26A06HA56	26A06HA14	26A06HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	6.98	26A07L56	26A07L14	26A07L18	Left
		Thermal input horsepower (hp)	11.15	26A07R56	26A07R14	26A07R18	Right
		Output torque (lb-in)	1,742	26A07LR56	26A07LR14	26A07LR18	Left/Right
		Mechanical output horsepower (hp)	6.45	26A07H56	26A07H14	26A07H18	Hollow
		Output OHL (lb)	1,520	26A07HA56	26A07HA14	26A07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	6.02	26A10L56	26A10L14	26A10L18	Left
		Thermal input horsepower (hp)	9.28	26A10R56	26A10R14	26A10R18	Right
		Output torque (lb-in)	1,962	26A10LR56	26A10LR14	26A10LR18	Left/Right
		Mechanical output horsepower (hp)	5.45	26A10H56	26A10H14	26A10H18	Hollow
		Output OHL (lb)	1,610	26A10HA56	26A10HA14	26A10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	5.12	26A12L56	26A12L14	26A12L18	Left
		Thermal input horsepower (hp)	7.94	26A12R56	26A12R14	26A12R18	Right
		Output torque (lb-in)	2,084	26A12LR56	26A12LR14	26A12LR18	Left/Right
		Mechanical output horsepower (hp)	4.56	26A12H56	26A12H14	26A12H18	Hollow
		Output OHL (lb)	1,610	26A12HA56	26A12HA14	26A12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	4.25	26A15L56	26A15L14	26A15L18	Left
		Thermal input horsepower (hp)	6.20	26A15R56	26A15R14	26A15R18	Right
		Output torque (lb-in)	2,004	26A15LR56	26A15LR14	26A15LR18	Left/Right
		Mechanical output horsepower (hp)	3.71	26A15H56	26A15H14	26A15H18	Hollow
		Output OHL (lb)	1,610	26A15HA56	26A15HA14	26A15HA18	Hollow alt.
18	97	Mechanical input horsepower (hp)	3.76	26A18L56	26A18L14	26A18L18	Left
		Thermal input horsepower (hp)	6.05	26A18R56	26A18R14	26A18R18	Right
		Output torque (lb-in)	2,101	26A18LR56	26A18LR14	26A18LR18	Left/Right
		Mechanical output horsepower (hp)	3.24	26A18H56	26A18H14	26A18H18	Hollow
		Output OHL (lb)	1,610	26A18HA56	26A18HA14	26A18HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	3.38	26A20L56	26A20L14	26A20L18	Left
		Thermal input horsepower (hp)	5.41	26A20R56	26A20R14	26A20R18	Right
		Output torque (lb-in)	2,084	26A20LR56	26A20LR14	26A20LR18	Left/Right
		Mechanical output horsepower (hp)	2.89	26A20H56	26A20H14	26A20H18	Hollow
		Output OHL (lb)	1,610	26A20HA56	26A20HA14	26A20HA18	Hollow alt.
25	70	Mechanical input horsepower (hp)	2.71	26A25L56	26A25L14		Left
		Thermal input horsepower (hp)	4.49	26A25R56	26A25R14		Right
		Output torque (lb-in)	2,008	26A25LR56	26A25LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.23	26A25H56	26A25H14		Hollow
		Output OHL (lb)	1,610	26A25HA56	26A25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	2.51	26A30L56	26A30L14		Left
		Thermal input horsepower (hp)	3.96	26A30R56	26A30R14		Right
		Output torque (lb-in)	2,142	26A30LR56	26A30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.98	26A30H56	26A30H14		Hollow
		Output OHL (lb)	1,610	26A30HA56	26A30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	2.12	26A40L56	26A40L14		Left
		Thermal input horsepower (hp)	3.05	26A40R56	26A40R14		Right
		Output torque (lb-in)	2,306	26A40LR56	26A40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.60	26A40H56	26A40H14		Hollow
		Output OHL (lb)	1,610	26A40HA56	26A40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.61	26A50L56	26A50L14		Left
		Thermal input horsepower (hp)	2.59	26A50R56	26A50R14		Right
		Output torque (lb-in)	2,021	26A50LR56	26A50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.12	26A50H56	26A50H14		Hollow
		Output OHL (lb)	1,610	26A50HA56	26A50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.51	26A60L56	26A60L14		Left
		Thermal input horsepower (hp)	2.11	26A60R56	26A60R14		Right
		Output torque (lb-in)	2,176	26A60LR56	26A60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.01	26A60H56	26A60H14		Hollow
		Output OHL (lb)	1,610	26A60HA56	26A60HA14		Hollow alt.
80	22	Mechanical input horsepower (hp)	1.16	26A80L56			Left
		Thermal input horsepower (hp)	1.74	26A80R56			Right
		Output torque (lb-in)	2,161	26A80LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.75	26A80H56			Hollow
		Output OHL (lb)	1,610	26A80HA56			Hollow alt.
100	18	Mechanical input horsepower (hp)	0.77	26A100L56			Left
		Thermal input horsepower (hp)	1.07	26A100R56			Right
		Output torque (lb-in)	1,440	26A100LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.40	26A100H56			Hollow
		Output OHL (lb)	1,610	26A100HA56			Hollow alt.

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 26BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

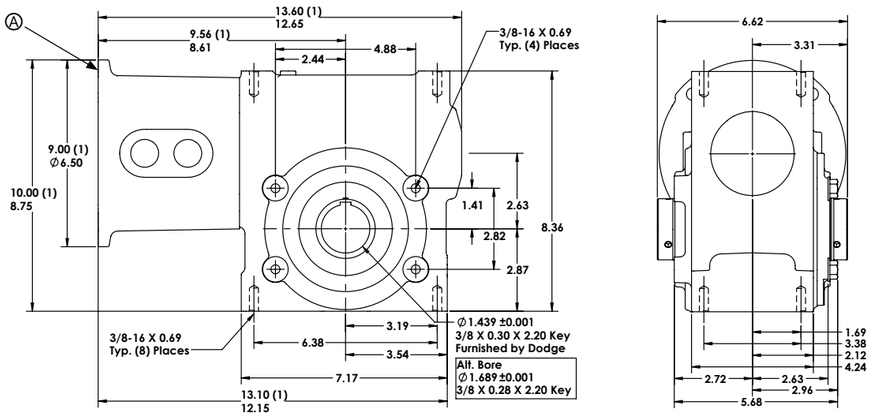
Tigear-2 reducers with three-piece coupled input – Size 26

Solid output



(1) Frame motor adapter

Hollow output



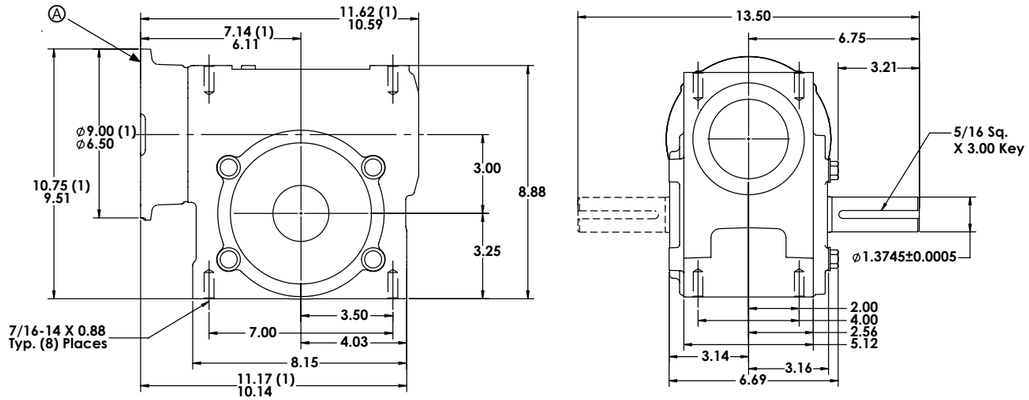
Tigear-2 reducers with quill input – Size 30

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	11.65	—	30Q05L14	30Q05L18	Left
		Thermal input horsepower (hp)	16.78		30Q05R14	30Q05R18	Right
		Output torque (lb-in)	1,987		30Q05LR14	30Q05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		30Q05H14	30Q05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
6.5	269	Mechanical input horsepower (hp)	10.96	—	30Q06L14	30Q06L18	Left
		Thermal input horsepower (hp)	15.06		30Q06R14	30Q06R18	Right
		Output torque (lb-in)	2,407		30Q06LR14	30Q06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		30Q06H14	30Q06H18	Hollow
		Output OHL (lb)	1,460		30Q06HQ14	30Q06HQ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	10.42	—	30Q07L14	30Q07L18	Left
		Thermal input horsepower (hp)	14.17		30Q07R14	30Q07R18	Right
		Output torque (lb-in)	2,623		30Q07LR14	30Q07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		30Q07H14	30Q07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
10	175	Mechanical input horsepower (hp)	8.71	—	30Q10L14	30Q10L18	Left
		Thermal input horsepower (hp)	11.97		30Q10R14	30Q10R18	Right
		Output torque (lb-in)	2,876		30Q10LR14	30Q10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		30Q10H14	30Q10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
15	117	Mechanical input horsepower (hp)	7.04	—	30Q15L14	30Q15L18	Left
		Thermal input horsepower (hp)	8.85		30Q15R14	30Q15R18	Right
		Output torque (lb-in)	3,339		30Q15LR14	30Q15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		30Q15H14	30Q15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
20	88	Mechanical input horsepower (hp)	5.03	30Q20L56	30Q20L14	30Q20L18	Left
		Thermal input horsepower (hp)	6.95	30Q20R56	30Q20R14	30Q20R18	Right
		Output torque (lb-in)	3,101	30Q20LR56	30Q20LR14	30Q20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	30Q20H56	30Q20H14	30Q20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
25	70	Mechanical input horsepower (hp)	4.22	30Q25L56	30Q25L14	30Q25L18	Left
		Thermal input horsepower (hp)	5.52	30Q25R56	30Q25R14	30Q25R18	Right
		Output torque (lb-in)	3,165	30Q25LR56	30Q25LR14	30Q25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	30Q25H56	30Q25H14	30Q25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
30	58	Mechanical input horsepower (hp)	3.35	30Q30L56	30Q30L14	30Q30L18	Left
		Thermal input horsepower (hp)	4.96	30Q30R56	30Q30R14	30Q30R18	Right
		Output torque (lb-in)	2,950	30Q30LR56	30Q30LR14	30Q30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	30Q30H56	30Q30H14	30Q30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
40	44	Mechanical input horsepower (hp)	2.60	30Q40L56	30Q40L14		Left
		Thermal input horsepower (hp)	3.74	30Q40R56	30Q40R14		Right
		Output torque (lb-in)	2,884	30Q40LR56	30Q40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	30Q40H56	30Q40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
50	35	Mechanical input horsepower (hp)	2.16	30Q50L56	30Q50L14		Left
		Thermal input horsepower (hp)	3.12	30Q50R56	30Q50R14		Right
		Output torque (lb-in)	2,777	30Q50LR56	30Q50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	30Q50H56	30Q50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
60	29	Mechanical input horsepower (hp)	2.11	30Q60L56	30Q60L14		Left
		Thermal input horsepower (hp)	2.67	30Q60R56	30Q60R14		Right
		Output torque (lb-in)	3,009	30Q60LR56	30Q60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.39	30Q60H56	30Q60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

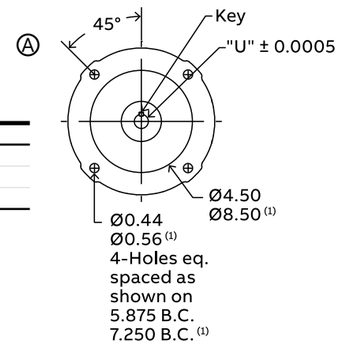
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 30BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 30

Solid output

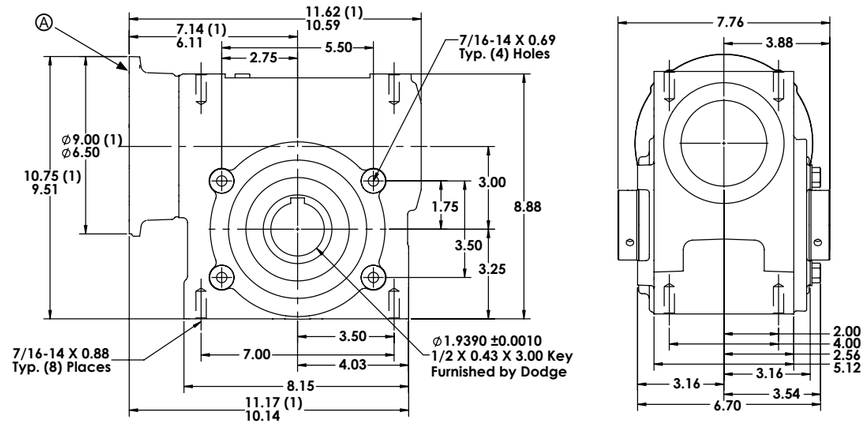


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

Hollow output



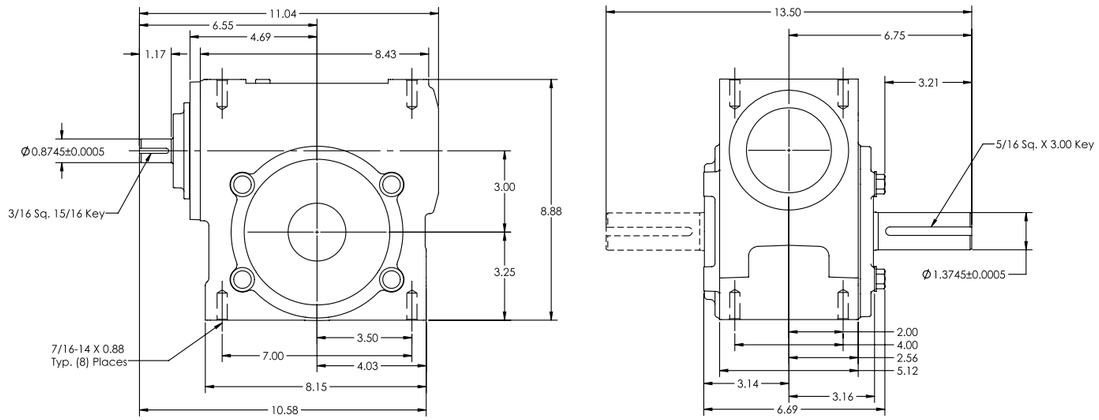
Tigear-2 reducers with separate input – Size 30

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC	180TC
5	350	Mechanical input horsepower (hp)	11.65	30S05L	Left	—	2332MTR14	2332MTR18
		Thermal input horsepower (hp)	16.78	30S05R	Right			
		Output torque (lb-in)	1,987	30S05LR	Left/Right			
		Mechanical output horsepower (hp)	11.03	30S05H	Hollow			
		Output OHL (lb)	1,330	—	—			
6.5	269	Mechanical input horsepower (hp)	10.96	30S06L	Left	—	—	—
		Thermal input horsepower (hp)	15.06	30S06R	Right			
		Output torque (lb-in)	2,407	30S06LR	Left/Right			
		Mechanical output horsepower (hp)	10.28	30S06H	Hollow			
		Output OHL (lb)	1,460	30S06HA	Hollow alt.			
7.5	233	Mechanical input horsepower (hp)	10.42	30S07L	Left	—	2332MTR14	2332MTR18
		Thermal input horsepower (hp)	14.17	30S07R	Right			
		Output torque (lb-in)	2,623	30S07LR	Left/Right			
		Mechanical output horsepower (hp)	9.71	30S07H	Hollow			
		Output OHL (lb)	1,540	—	—			
10	175	Mechanical input horsepower (hp)	8.71	30S10L	Left	—	2332MTR14	2332MTR18
		Thermal input horsepower (hp)	11.97	30S10R	Right			
		Output torque (lb-in)	2,876	30S10LR	Left/Right			
		Mechanical output horsepower (hp)	7.99	30S10H	Hollow			
		Output OHL (lb)	1,720	—	—			
15	117	Mechanical input horsepower (hp)	7.04	30S15L	Left	—	2332MTR14	2332MTR18
		Thermal input horsepower (hp)	8.85	30S15R	Right			
		Output torque (lb-in)	3,339	30S15LR	Left/Right			
		Mechanical output horsepower (hp)	6.18	30S15H	Hollow			
		Output OHL (lb)	2,300	—	—			
20	88	Mechanical input horsepower (hp)	5.03	30S20L	Left	2332MTR56	2332MTR14	2332MTR18
		Thermal input horsepower (hp)	6.95	30S20R	Right			
		Output torque (lb-in)	3,101	30S20LR	Left/Right			
		Mechanical output horsepower (hp)	4.31	30S20H	Hollow			
		Output OHL (lb)	2,300	—	—			
25	70	Mechanical input horsepower (hp)	4.22	30S25L	Left	2332MTR56	2332MTR14	2332MTR18
		Thermal input horsepower (hp)	5.52	30S25R	Right			
		Output torque (lb-in)	3,165	30S25LR	Left/Right			
		Mechanical output horsepower (hp)	3.52	30S25H	Hollow			
		Output OHL (lb)	2,300	—	—			
30	58	Mechanical input horsepower (hp)	3.35	30S30L	Left	2332MTR56	2332MTR14	3332MTR18
		Thermal input horsepower (hp)	4.96	30S30R	Right			
		Output torque (lb-in)	2,950	30S30LR	Left/Right			
		Mechanical output horsepower (hp)	2.73	30S30H	Hollow			
		Output OHL (lb)	2,300	—	—			
40	44	Mechanical input horsepower (hp)	2.60	30S40L	Left	2332MTR56	2332MTR14	—
		Thermal input horsepower (hp)	3.74	30S40R	Right			
		Output torque (lb-in)	2,884	30S40LR	Left/Right			
		Mechanical output horsepower (hp)	2.00	30S40H	Hollow			
		Output OHL (lb)	2,300	—	—			
50	35	Mechanical input horsepower (hp)	2.16	30S50L	Left	2332MTR56	2332MTR14	—
		Thermal input horsepower (hp)	3.12	30S50R	Right			
		Output torque (lb-in)	2,777	30S50LR	Left/Right			
		Mechanical output horsepower (hp)	1.54	30S50H	Hollow			
		Output OHL (lb)	2,300	—	—			
60	29	Mechanical input horsepower (hp)	2.11	30S60L	Left	2332MTR56	2332MTR14	—
		Thermal input horsepower (hp)	2.67	30S60R	Right			
		Output torque (lb-in)	3,009	30S60LR	Left/Right			
		Mechanical output horsepower (hp)	1.39	30S60H	Hollow			
		Output OHL (lb)	2,300	—	—			
All ratios		Input OHL (lb)	280	One diameter from seal surface				

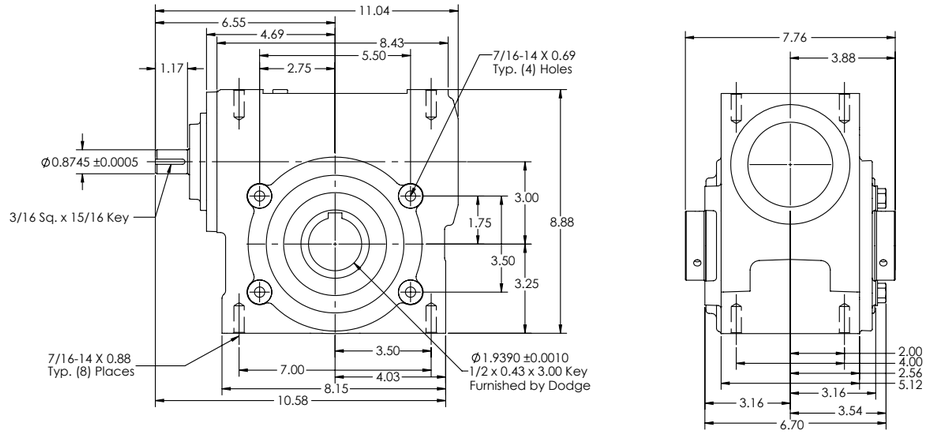
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 30BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with separate input – Size 30

Solid output



Hollow output



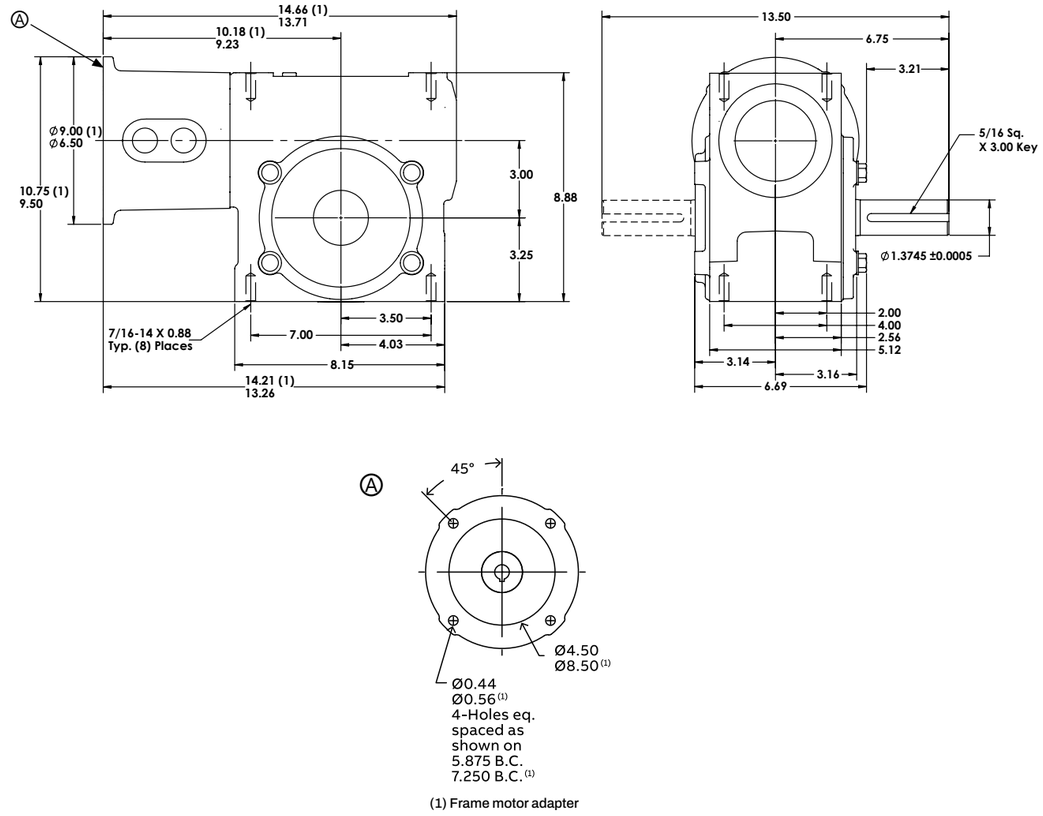
Tigear-2 reducers with three-piece coupled input – Size 30

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	11.65	—	30A05L14	30A05L18	Left
		Thermal input horsepower (hp)	16.78		30A05R14	30A05R18	Right
		Output torque (lb-in)	1,987		30A05LR14	30A05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		30A05H14	30A05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
6.5	269	Mechanical input horsepower (hp)	10.96	—	30A06L14	30A06L18	Left
		Thermal input horsepower (hp)	15.06		30A06R14	30A06R18	Right
		Output torque (lb-in)	2,407		30A06LR14	30A06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		30A06H14	30A06H18	Hollow
		Output OHL (lb)	1,460		30A06HA14	30A06HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	10.42	—	30A07L14	30A07L18	Left
		Thermal input horsepower (hp)	14.17		30A07R14	30A07R18	Right
		Output torque (lb-in)	2,623		30A07LR14	30A07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		30A07H14	30A07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
10	175	Mechanical input horsepower (hp)	8.71	—	30A10L14	30A10L18	Left
		Thermal input horsepower (hp)	11.97		30A10R14	30A10R18	Right
		Output torque (lb-in)	2,876		30A10LR14	30A10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		30A10H14	30A10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
15	117	Mechanical input horsepower (hp)	7.04	—	30A15L14	30A15L18	Left
		Thermal input horsepower (hp)	8.85		30A15R14	30A15R18	Right
		Output torque (lb-in)	3,339		30A15LR14	30A15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		30A15H14	30A15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
20	88	Mechanical input horsepower (hp)	5.03	30A20L56	30A20L14	30A20L18	Left
		Thermal input horsepower (hp)	6.95	30A20R56	30A20R14	30A20R18	Right
		Output torque (lb-in)	3,101	30A20LR56	30A20LR14	30A20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	30A20H56	30A20H14	30A20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
25	70	Mechanical input horsepower (hp)	4.22	30A25L56	30A25L14	30A25L18	Left
		Thermal input horsepower (hp)	5.52	30A25R56	30A25R14	30A25R18	Right
		Output torque (lb-in)	3,165	30A25LR56	30A25LR14	30A25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	30A25H56	30A25H14	30A25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
30	58	Mechanical input horsepower (hp)	3.35	30A30L56	30A30L14	30A30L18	Left
		Thermal input horsepower (hp)	4.96	30A30R56	30A30R14	30A30R18	Right
		Output torque (lb-in)	2,950	30A30LR56	30A30LR14	30A30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	30A30H56	30A30H14	30A30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
40	44	Mechanical input horsepower (hp)	2.60	30A40L56	30A40L14		Left
		Thermal input horsepower (hp)	3.74	30A40R56	30A40R14		Right
		Output torque (lb-in)	2,884	30A40LR56	30A40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	30A40H56	30A40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
50	35	Mechanical input horsepower (hp)	2.16	30A50L56	30A50L14		Left
		Thermal input horsepower (hp)	3.12	30A50R56	30A50R14		Right
		Output torque (lb-in)	2,777	30A50LR56	30A50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	30A50H56	30A50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
60	29	Mechanical input horsepower (hp)	2.11	30A60L56	30A60L14		Left
		Thermal input horsepower (hp)	2.67	30A60R56	30A60R14		Right
		Output torque (lb-in)	3,009	30A60LR56	30A60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.39	30A60H56	30A60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 30BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

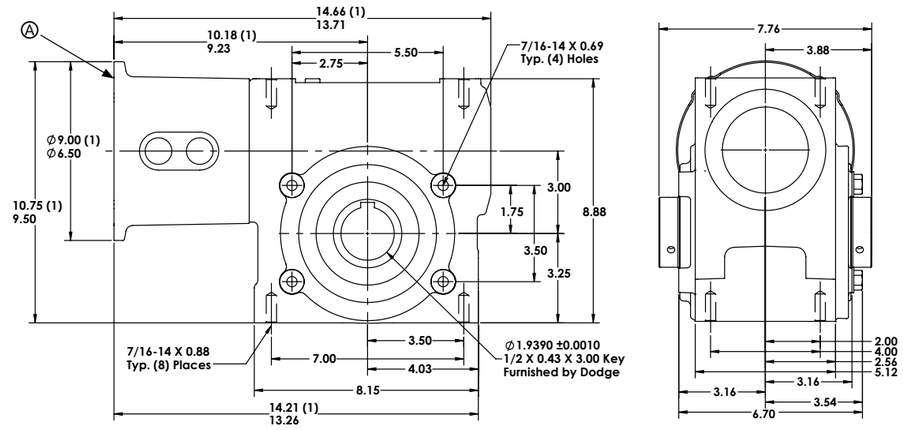
Tigear-2 reducers with three-piece coupled input – Size 30

Solid output



(1) Frame motor adapter

Hollow output



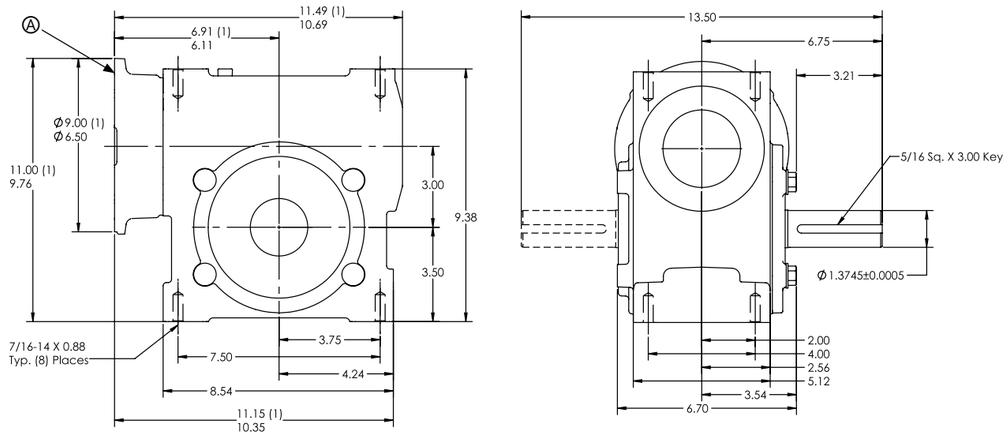
Tigear-2 reducers with quill input – Size 32

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	11.65	—	32Q05L14	32Q05L18	Left
		Thermal input horsepower (hp)	16.78		32Q05R14	32Q05R18	Right
		Output torque (lb-in)	1,987		32Q05LR14	32Q05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		32Q05H14	32Q05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
6.5	269	Mechanical input horsepower (hp)	10.96	—	32Q06L14	32Q06L18	Left
		Thermal input horsepower (hp)	15.06		32Q06R14	32Q06R18	Right
		Output torque (lb-in)	2,407		32Q06LR14	32Q06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		32Q06H14	32Q06H18	Hollow
		Output OHL (lb)	1,460		32Q06HQ14	32Q06HQ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	10.42	—	32Q07L14	32Q07L18	Left
		Thermal input horsepower (hp)	14.17		32Q07R14	32Q07R18	Right
		Output torque (lb-in)	2,623		32Q07LR14	32Q07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		32Q07H14	32Q07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
10	175	Mechanical input horsepower (hp)	8.71	—	32Q10L14	32Q10L18	Left
		Thermal input horsepower (hp)	11.97		32Q10R14	32Q10R18	Right
		Output torque (lb-in)	2,876		32Q10LR14	32Q10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		32Q10H14	32Q10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
15	117	Mechanical input horsepower (hp)	7.04	—	32Q15L14	32Q15L18	Left
		Thermal input horsepower (hp)	8.85		32Q15R14	32Q15R18	Right
		Output torque (lb-in)	3,339		32Q15LR14	32Q15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		32Q15H14	32Q15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
20	88	Mechanical input horsepower (hp)	5.03	32Q20L56	32Q20L14	32Q20L18	Left
		Thermal input horsepower (hp)	6.95	32Q20R56	32Q20R14	32Q20R18	Right
		Output torque (lb-in)	3,101	32Q20LR56	32Q20LR14	32Q20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	32Q20H56	32Q20H14	32Q20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
25	70	Mechanical input horsepower (hp)	4.22	32Q25L56	32Q25L14	32Q25L18	Left
		Thermal input horsepower (hp)	5.52	32Q25R56	32Q25R14	32Q25R18	Right
		Output torque (lb-in)	3,165	32Q25LR56	32Q25LR14	32Q25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	32Q25H56	32Q25H14	32Q25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
30	58	Mechanical input horsepower (hp)	3.35	32Q30L56	32Q30L14	32Q30L18	Left
		Thermal input horsepower (hp)	4.96	32Q30R56	32Q30R14	32Q30R18	Right
		Output torque (lb-in)	2,950	32Q30LR56	32Q30LR14	32Q30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	32Q30H56	32Q30H14	32Q30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
40	44	Mechanical input horsepower (hp)	2.60	32Q40L56	32Q40L14	—	Left
		Thermal input horsepower (hp)	3.74	32Q40R56	32Q40R14		Right
		Output torque (lb-in)	2,884	32Q40LR56	32Q40LR14		Left/Right
		Mechanical output horsepower (hp)	2.00	32Q40H56	32Q40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
50	35	Mechanical input horsepower (hp)	2.16	32Q50L56	32Q50L14	—	Left
		Thermal input horsepower (hp)	3.12	32Q50R56	32Q50R14		Right
		Output torque (lb-in)	2,777	32Q50LR56	32Q50LR14		Left/Right
		Mechanical output horsepower (hp)	1.54	32Q50H56	32Q50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
60	29	Mechanical input horsepower (hp)	2.11	32Q60L56	32Q60L14	—	Left
		Thermal input horsepower (hp)	2.67	32Q60R56	32Q60R14		Right
		Output torque (lb-in)	3,009	32Q60LR56	32Q60LR14		Left/Right
		Mechanical output horsepower (hp)	1.39	32Q60H56	32Q60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

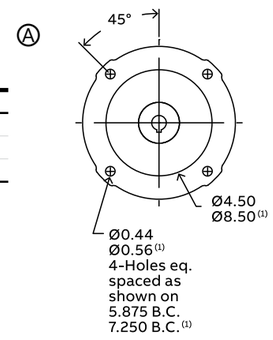
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 32BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 32

Solid output

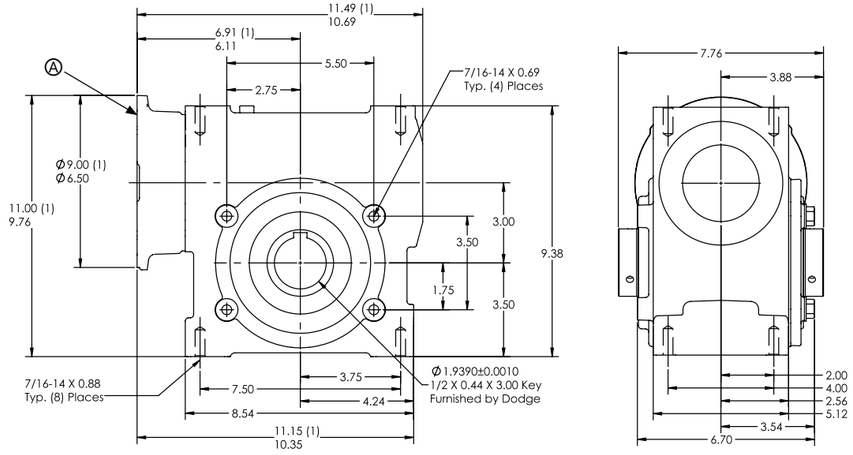


Motor frame	Dim "U"	Key
56C	Ø0.626	3/16 sq. x 2.43 Key
140TC	Ø0.876	3/16 sq. x 2.43 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) Frame motor adapter

Hollow output



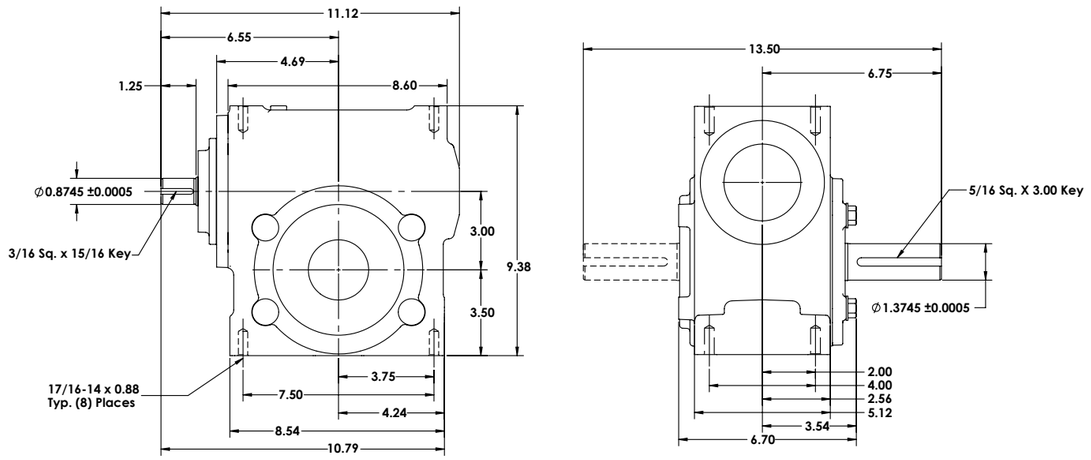
Tigear-2 reducers with separate input – Size 32

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC	180TC
		Mechanical input horsepower (hp)	11.65	32S05L	Left			
		Thermal input horsepower (hp)	16.78	32S05R	Right			
5	350	Output torque (lb-in)	1,987	32S05LR	Left/Right	—	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	11.03	32S05H	Hollow			
		Output OHL (lb)	1,330	—	—			
		Mechanical input horsepower (hp)	10.96	32S06L	Left			
		Thermal input horsepower (hp)	15.06	32S06R	Right			
6.5	269	Output torque (lb-in)	2,407	32S06LR	Left/Right	—	—	—
		Mechanical output horsepower (hp)	10.28	32S06H	Hollow			
		Output OHL (lb)	1,460	32S06HA	Hollow alt.			
		Mechanical input horsepower (hp)	10.42	32S07L	Left			
		Thermal input horsepower (hp)	14.17	32S07R	Right			
7.5	233	Output torque (lb-in)	2,623	32S07LR	Left/Right	—	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	9.71	32S07H	Hollow			
		Output OHL (lb)	1,540	—	—			
		Mechanical input horsepower (hp)	8.71	32S10L	Left			
		Thermal input horsepower (hp)	11.97	32S10R	Right			
10	175	Output torque (lb-in)	2,876	32S10LR	Left/Right	—	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	7.99	32S10H	Hollow			
		Output OHL (lb)	1,720	—	—			
		Mechanical input horsepower (hp)	7.04	32S15L	Left			
		Thermal input horsepower (hp)	8.85	32S15R	Right			
15	117	Output torque (lb-in)	3,339	32S15LR	Left/Right	—	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	6.18	32S15H	Hollow			
		Output OHL (lb)	2,300	—	—			
		Mechanical input horsepower (hp)	5.03	32S20L	Left			
		Thermal input horsepower (hp)	6.95	32S20R	Right			
20	88	Output torque (lb-in)	3,101	32S20LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	4.31	32S20H	Hollow			
		Output OHL (lb)	2,300	—	—			
		Mechanical input horsepower (hp)	4.22	32S25L	Left			
		Thermal input horsepower (hp)	5.52	32S25R	Right			
25	70	Output torque (lb-in)	3,165	32S25LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	3.52	32S25H	Hollow			
		Output OHL (lb)	2,300	—	—			
		Mechanical input horsepower (hp)	3.35	32S30L	Left			
		Thermal input horsepower (hp)	4.96	32S30R	Right			
30	58	Output torque (lb-in)	2,950	32S30LR	Left/Right	2332MTR56	2332MTR14	2332MTR18
		Mechanical output horsepower (hp)	2.73	32S30H	Hollow			
		Output OHL (lb)	2,300	—	—			
		Mechanical input horsepower (hp)	2.60	32S40L	Left			
		Thermal input horsepower (hp)	3.74	32S40R	Right			
40	44	Output torque (lb-in)	2,884	32S40LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	2.00	32S40H	Hollow			
		Output OHL (lb)	2,300	—	—			
		Mechanical input horsepower (hp)	2.16	32S50L	Left			
		Thermal input horsepower (hp)	3.12	32S50R	Right			
50	35	Output torque (lb-in)	2,777	32S50LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.54	32S50H	Hollow			
		Output OHL (lb)	2,300	—	—			
		Mechanical input horsepower (hp)	2.11	32S60L	Left			
		Thermal input horsepower (hp)	2.67	32S60R	Right			
60	29	Output torque (lb-in)	3,009	32S60LR	Left/Right	2332MTR56	2332MTR14	—
		Mechanical output horsepower (hp)	1.39	32S60H	Hollow			
		Output OHL (lb)	2,300	—	—			
All ratios		Input OHL (lb)	280	One diameter from seal surface				

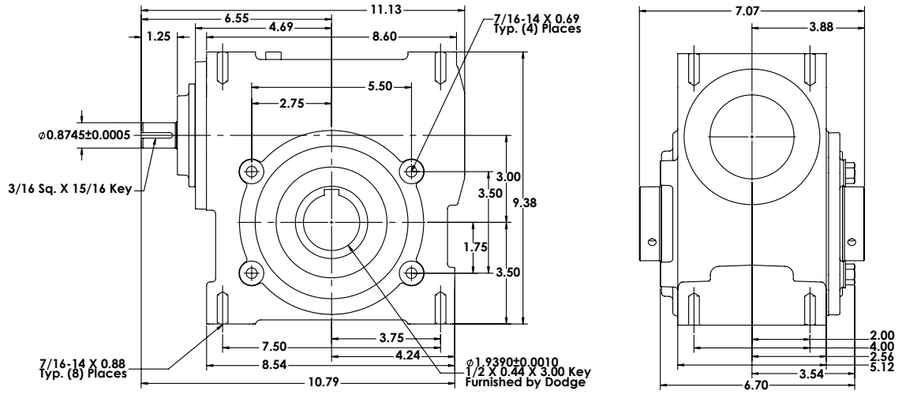
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 32BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with separate input – Size 32

Solid output



Hollow output



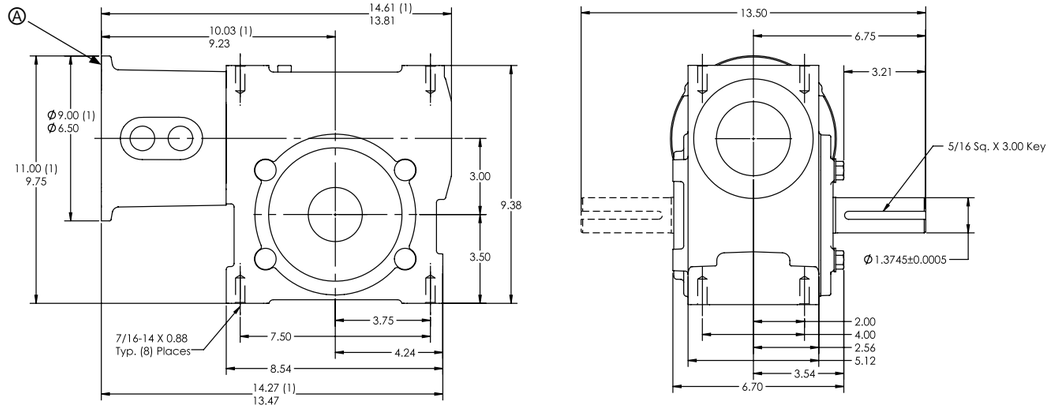
Tigear-2 reducers with three-piece coupled input – Size 32

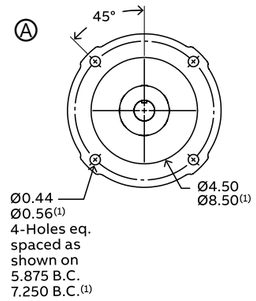
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
		Mechanical input horsepower (hp)	11.65		32A05L14	32A05L18	Left
		Thermal input horsepower (hp)	16.78		32A05R14	32A05R18	Right
5	350	Output torque (lb-in)	1,987	—	32A05LR14	32A05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		32A05H14	32A05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
		Mechanical input horsepower (hp)	10.96		32A06L14	32A06L18	Left
		Thermal input horsepower (hp)	15.06		32A06R14	32A06R18	Right
6.5	269	Output torque (lb-in)	2,407	—	32A06LR14	32A06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		32A06H14	32A06H18	Hollow
		Output OHL (lb)	1,460		32A06HA14	32A06HA18	Hollow alt.
		Mechanical input horsepower (hp)	10.42		32A07L14	32A07L18	Left
		Thermal input horsepower (hp)	14.17		32A07R14	32A07R18	Right
7.5	233	Output torque (lb-in)	2,623	—	32A07LR14	32A07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		32A07H14	32A07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
		Mechanical input horsepower (hp)	8.71		32A10L14	32A10L18	Left
		Thermal input horsepower (hp)	11.97		32A10R14	32A10R18	Right
10	175	Output torque (lb-in)	2,876	—	32A10LR14	32A10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		32A10H14	32A10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
		Mechanical input horsepower (hp)	7.04		32A15L14	32A15L18	Left
		Thermal input horsepower (hp)	8.85		32A15R14	32A15R18	Right
15	117	Output torque (lb-in)	3,339	—	32A15LR14	32A15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		32A15H14	32A15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
		Mechanical input horsepower (hp)	5.03	32A20L56	32A20L14	32A20L18	Left
		Thermal input horsepower (hp)	6.95	32A20R56	32A20R14	32A20R18	Right
20	88	Output torque (lb-in)	3,101	32A20LR56	32A20LR14	32A20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	32A20H56	32A20H14	32A20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	4.22	32A25L56	32A25L14	32A25L18	Left
		Thermal input horsepower (hp)	5.52	32A25R56	32A25R14	32A25R18	Right
25	70	Output torque (lb-in)	3,165	32A25LR56	32A25LR14	32A25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	32A25H56	32A25H14	32A25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	3.35	32A30L56	32A30L14	32A30L18	Left
		Thermal input horsepower (hp)	4.96	32A30R56	32A30R14	32A30R18	Right
30	58	Output torque (lb-in)	2,950	32A30LR56	32A30LR14	32A30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	32A30H56	32A30H14	32A30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	2.60	32A40L56	32A40L14		Left
		Thermal input horsepower (hp)	3.74	32A40R56	32A40R14		Right
40	44	Output torque (lb-in)	2,884	32A40LR56	32A40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	32A40H56	32A40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
		Mechanical input horsepower (hp)	2.16	32A50L56	32A50L14		Left
		Thermal input horsepower (hp)	3.12	32A50R56	32A50R14		Right
50	35	Output torque (lb-in)	2,777	32A50LR56	32A50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	32A50H56	32A50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
		Mechanical input horsepower (hp)	2.11	32A60L56	32A60L14		Left
		Thermal input horsepower (hp)	2.67	32A60R56	32A60R14		Right
60	29	Output torque (lb-in)	3,009	32A60LR56	32A60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.39	32A60H56	32A60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 32BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with three-piece coupled input – Size 32

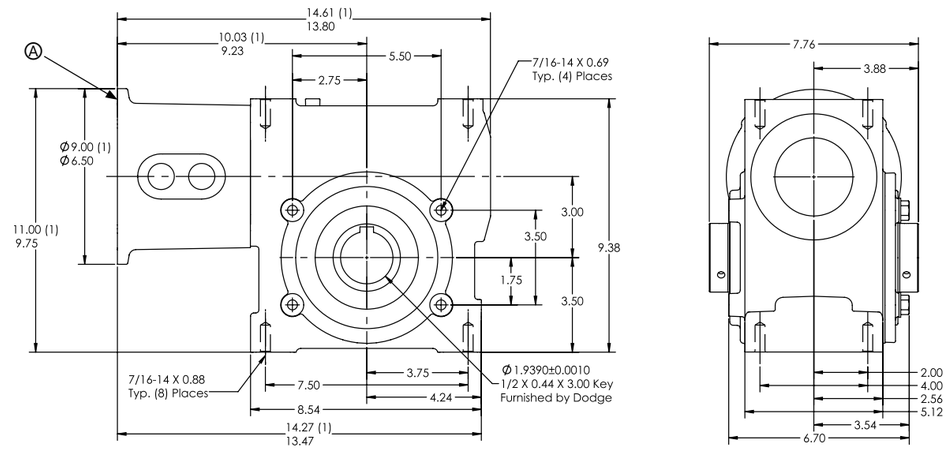
Solid output





(1) Frame motor adapter

Hollow output



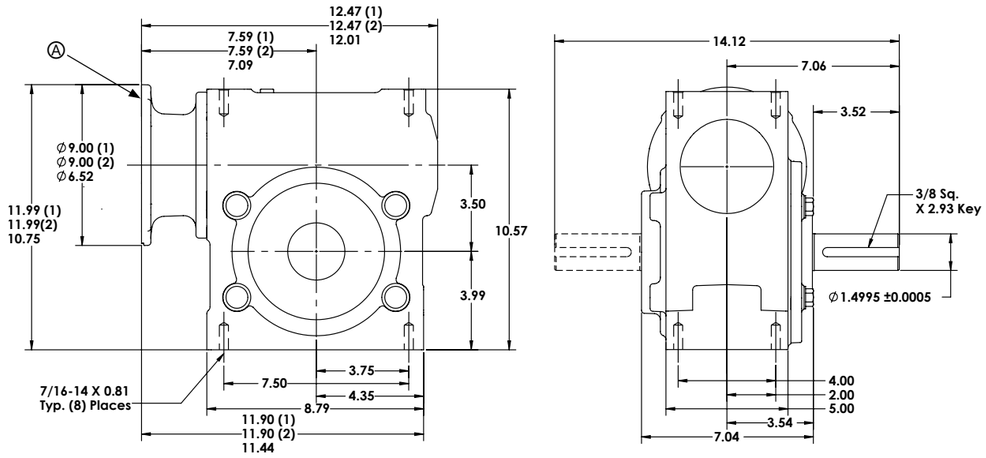
Tigear-2 reducers with quill input – Size 35

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	210TC	Shaft position*
5	350	Mechanical input horsepower (hp)	16.31	—	35Q05L14	35Q05L18	35Q05L21	Left
		Thermal input horsepower (hp)	19.86		35Q05R14	35Q05R18	35Q05R21	Right
		Output torque (lb-in)	2,787		35Q05LR14	35Q05LR18	35Q05LR21	Left/Right
		Mechanical output horsepower (hp)	15.48		35Q05H14	35Q05H18	35Q05H21	Hollow
		Output OHL (lb)	2,120		—	—	—	—
7.5	233	Mechanical input horsepower (hp)	14.60	—	35Q07L14	35Q07L18	35Q07L21	Left
		Thermal input horsepower (hp)	16.92		35Q07R14	35Q07R18	35Q07R21	Right
		Output torque (lb-in)	3,691		35Q07LR14	35Q07LR18	35Q07LR21	Left/Right
		Mechanical output horsepower (hp)	13.67		35Q07H14	35Q07H18	35Q07H21	Hollow
		Output OHL (lb)	2,430		—	—	—	—
10	175	Mechanical input horsepower (hp)	13.20	—	35Q10L14	35Q10L18	35Q10L21	Left
		Thermal input horsepower (hp)	14.45		35Q10R14	35Q10R18	35Q10R21	Right
		Output torque (lb-in)	4,369		35Q10LR14	35Q10LR18	35Q10LR21	Left/Right
		Mechanical output horsepower (hp)	12.13		35Q10H14	35Q10H18	35Q10H21	Hollow
		Output OHL (lb)	2,700		—	—	—	—
12.7	138	Mechanical input horsepower (hp)	10.45	—	35Q12L14	35Q12L18	35Q12L21	Left
		Thermal input horsepower (hp)	12.68		35Q12R14	35Q12R18	35Q12R21	Right
		Output torque (lb-in)	4,306		35Q12LR14	35Q12LR18	35Q12LR21	Left/Right
		Mechanical output horsepower (hp)	9.42		35Q12H14	35Q12H18	35Q12H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
15	117	Mechanical input horsepower (hp)	10.02	—	35Q15L14	35Q15L18	35Q15L21	Left
		Thermal input horsepower (hp)	11.34		35Q15R14	35Q15R18	35Q15R21	Right
		Output torque (lb-in)	4,845		35Q15LR14	35Q15LR18	35Q15LR21	Left/Right
		Mechanical output horsepower (hp)	8.97		35Q15H14	35Q15H18	35Q15H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
18	97	Mechanical input horsepower (hp)	7.72	—	35Q18L14	35Q18L18		Left
		Thermal input horsepower (hp)	10.01		35Q18R14	35Q18R18		Right
		Output torque (lb-in)	4,395		35Q18LR14	35Q18LR18	—	Left/Right
		Mechanical output horsepower (hp)	6.78		35Q18H14	35Q18H18		Hollow
		Output OHL (lb)	2,760		35Q18HQ14	35Q18HQ18		Hollow alt.
20	88	Mechanical input horsepower (hp)	7.51	—	35Q20L14	35Q20L18	35Q20L21	Left
		Thermal input horsepower (hp)	9.14		35Q20R14	35Q20R18	35Q20R21	Right
		Output torque (lb-in)	4,701		35Q20LR14	35Q20LR18	35Q20LR21	Left/Right
		Mechanical output horsepower (hp)	6.53		35Q20H14	35Q20H18	35Q20H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
25	70	Mechanical input horsepower (hp)	5.54	—	35Q25L14	35Q25L18		Left
		Thermal input horsepower (hp)	7.40		35Q25R14	35Q25R18		Right
		Output torque (lb-in)	4,195		35Q25LR14	35Q25LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.66		35Q25H14	35Q25H18		Hollow
		Output OHL (lb)	2,760		—	—		—
30	58	Mechanical input horsepower (hp)	5.05	35Q30L56	35Q30L14	35Q30L18		Left
		Thermal input horsepower (hp)	6.49	35Q30R56	35Q30R14	35Q30R18		Right
		Output torque (lb-in)	4,485	35Q30LR56	35Q30LR14	35Q30LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.15	35Q30H56	35Q30H14	35Q30H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
40	44	Mechanical input horsepower (hp)	4.25	35Q40L56	35Q40L14	35Q40L18		Left
		Thermal input horsepower (hp)	5.02	35Q40R56	35Q40R14	35Q40R18		Right
		Output torque (lb-in)	4,757	35Q40LR56	35Q40LR14	35Q40LR18	—	Left/Right
		Mechanical output horsepower (hp)	3.30	35Q40H56	35Q40H14	35Q40H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
50	35	Mechanical input horsepower (hp)	3.18	35Q50L56	35Q50L14	35Q50L18		Left
		Thermal input horsepower (hp)	4.09	35Q50R56	35Q50R14	35Q50R18		Right
		Output torque (lb-in)	4,209	35Q50LR56	35Q50LR14	35Q50LR18	—	Left/Right
		Mechanical output horsepower (hp)	2.34	35Q50H56	35Q50H14	35Q50H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
60	29	Mechanical input horsepower (hp)	2.86	35Q60L56	35Q60L14			Left
		Thermal input horsepower (hp)	3.38	35Q60R56	35Q60R14			Right
		Output torque (lb-in)	4,178	35Q60LR56	35Q60LR14	—	—	Left/Right
		Mechanical output horsepower (hp)	1.93	35Q60H56	35Q60H14			Hollow
		Output OHL (lb)	2,760	—	—			—

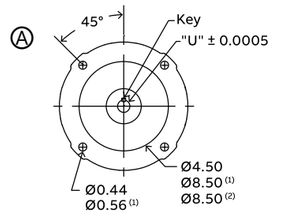
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 35BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with quill input – Size 35

Solid output

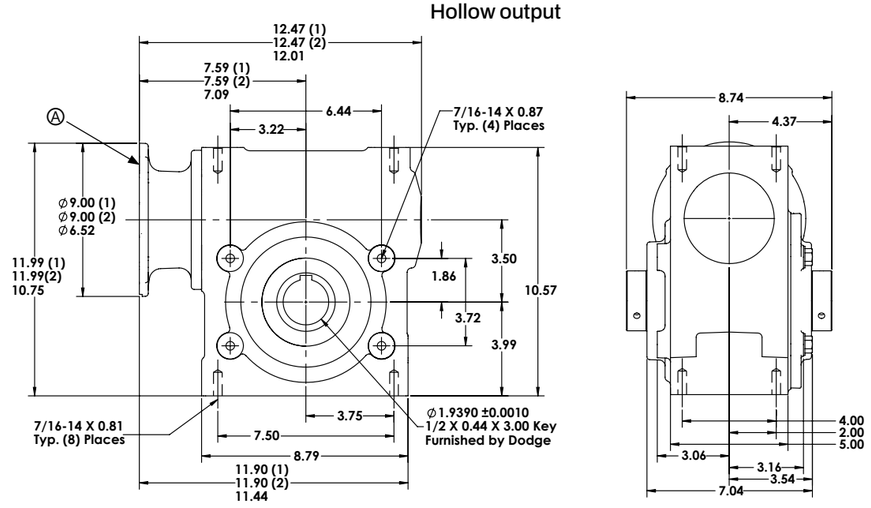


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 2.43 Key
140TC	Ø0.876	3/16 sq. x 2.43 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key
210TC	Ø1.376	5/16 sq. x 2.57 Key



(1) 180 Frame motor adapter
(2) 210 Frame motor adapter

Hollow output



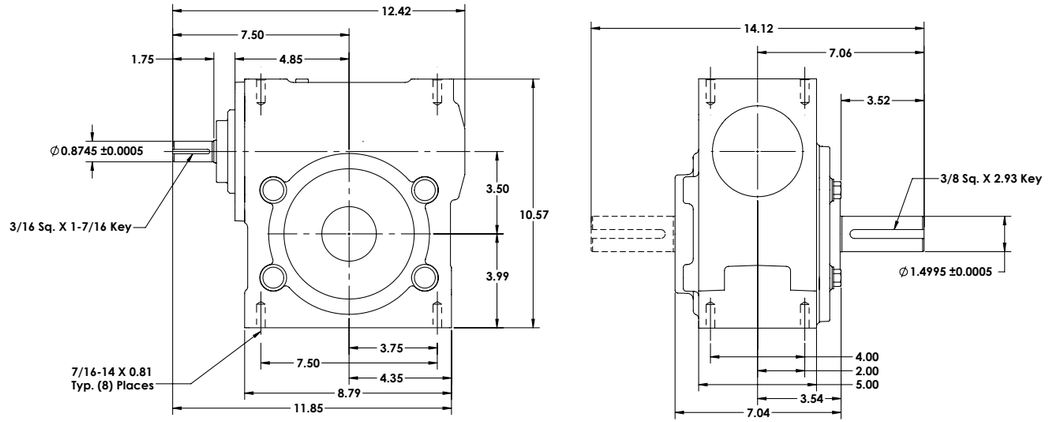
Tigear-2 reducers with separate input – Size 35

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC	180TC	210TC
5	350	Mechanical input horsepower (hp)	16.31	35S05L	Left	—	3538MTR14	3538MTR18	3538MTR21
		Thermal input horsepower (hp)	19.86	35S05R	Right				
		Output torque (lb-in)	2,787	35S05LR	Left/Right				
		Mechanical output horsepower (hp)	15.48	35S05H	Hollow				
		Output OHL (lb)	2,120	—	—				
7.5	233	Mechanical input horsepower (hp)	14.60	35S07L	Left	—	3538MTR14	3538MTR18	3538MTR21
		Thermal input horsepower (hp)	16.92	35S07R	Right				
		Output torque (lb-in)	3,691	35S07LR	Left/Right				
		Mechanical output horsepower (hp)	13.67	35S07H	Hollow				
		Output OHL (lb)	2,430	—	—				
10	175	Mechanical input horsepower (hp)	13.20	35S10L	Left	—	3538MTR14	3538MTR18	3538MTR21
		Thermal input horsepower (hp)	14.45	35S10R	Right				
		Output torque (lb-in)	4,369	35S10LR	Left/Right				
		Mechanical output horsepower (hp)	12.13	35S10H	Hollow				
		Output OHL (lb)	2,700	—	—				
12.7	138	Mechanical input horsepower (hp)	10.45	35S12L	Left	—	3538MTR14	3538MTR18	3538MTR21
		Thermal input horsepower (hp)	12.68	35S12R	Right				
		Output torque (lb-in)	4,306	35S12LR	Left/Right				
		Mechanical output horsepower (hp)	9.42	35S12H	Hollow				
		Output OHL (lb)	2,760	—	—				
15	117	Mechanical input horsepower (hp)	10.02	35S15L	Left	—	3538MTR14	3538MTR18	3538MTR21
		Thermal input horsepower (hp)	11.34	35S15R	Right				
		Output torque (lb-in)	4,845	35S15LR	Left/Right				
		Mechanical output horsepower (hp)	8.97	35S15H	Hollow				
		Output OHL (lb)	2,760	—	—				
18	97	Mechanical input horsepower (hp)	7.72	35S18L	Left	—	—	—	—
		Thermal input horsepower (hp)	10.01	35S18R	Right				
		Output torque (lb-in)	4,395	35S18LR	Left/Right				
		Mechanical output horsepower (hp)	6.78	35S18H	Hollow				
		Output OHL (lb)	2,760	35S18HA	Hollow alt.				
20	88	Mechanical input horsepower (hp)	7.51	35S20L	Left	—	3538MTR14	3538MTR18	3538MTR21
		Thermal input horsepower (hp)	9.14	35S20R	Right				
		Output torque (lb-in)	4,701	35S20LR	Left/Right				
		Mechanical output horsepower (hp)	6.53	35S20H	Hollow				
		Output OHL (lb)	2,760	—	—				
25	70	Mechanical input horsepower (hp)	5.54	35S25L	Left	—	3538MTR14	3538MTR18	—
		Thermal input horsepower (hp)	7.40	35S25R	Right				
		Output torque (lb-in)	4,195	35S25LR	Left/Right				
		Mechanical output horsepower (hp)	4.66	35S25H	Hollow				
		Output OHL (lb)	2,760	—	—				
30	58	Mechanical input horsepower (hp)	5.05	35S30L	Left	3538MTR56	3538MTR14	3538MTR18	—
		Thermal input horsepower (hp)	6.49	35S30R	Right				
		Output torque (lb-in)	4,485	35S30LR	Left/Right				
		Mechanical output horsepower (hp)	4.15	35S30H	Hollow				
		Output OHL (lb)	2,760	—	—				
40	44	Mechanical input horsepower (hp)	4.25	35S40L	Left	3538MTR56	3538MTR14	3538MTR18	—
		Thermal input horsepower (hp)	5.02	35S40R	Right				
		Output torque (lb-in)	4,757	35S40LR	Left/Right				
		Mechanical output horsepower (hp)	3.30	35S40H	Hollow				
		Output OHL (lb)	2,760	—	—				
50	35	Mechanical input horsepower (hp)	3.18	35S50L	Left	3538MTR56	3538MTR14	3538MTR18	—
		Thermal input horsepower (hp)	4.09	35S50R	Right				
		Output torque (lb-in)	4,209	35S50LR	Left/Right				
		Mechanical output horsepower (hp)	2.34	35S50H	Hollow				
		Output OHL (lb)	2,760	—	—				
60	29	Mechanical input horsepower (hp)	2.86	35S60L	Left	3538MTR56	3538MTR14	—	—
		Thermal input horsepower (hp)	3.38	35S60R	Right				
		Output torque (lb-in)	4,178	35S60LR	Left/Right				
		Mechanical output horsepower (hp)	1.93	35S60H	Hollow				
		Output OHL (lb)	2,760	—	—				
All ratios		Input OHL (lb)	330	One diameter from seal surface					

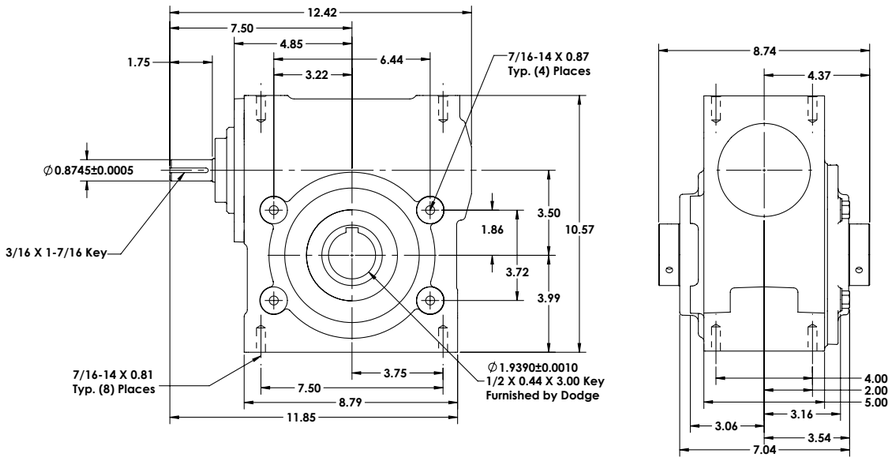
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 35BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with separate input – Size 35

Solid output



Hollow output



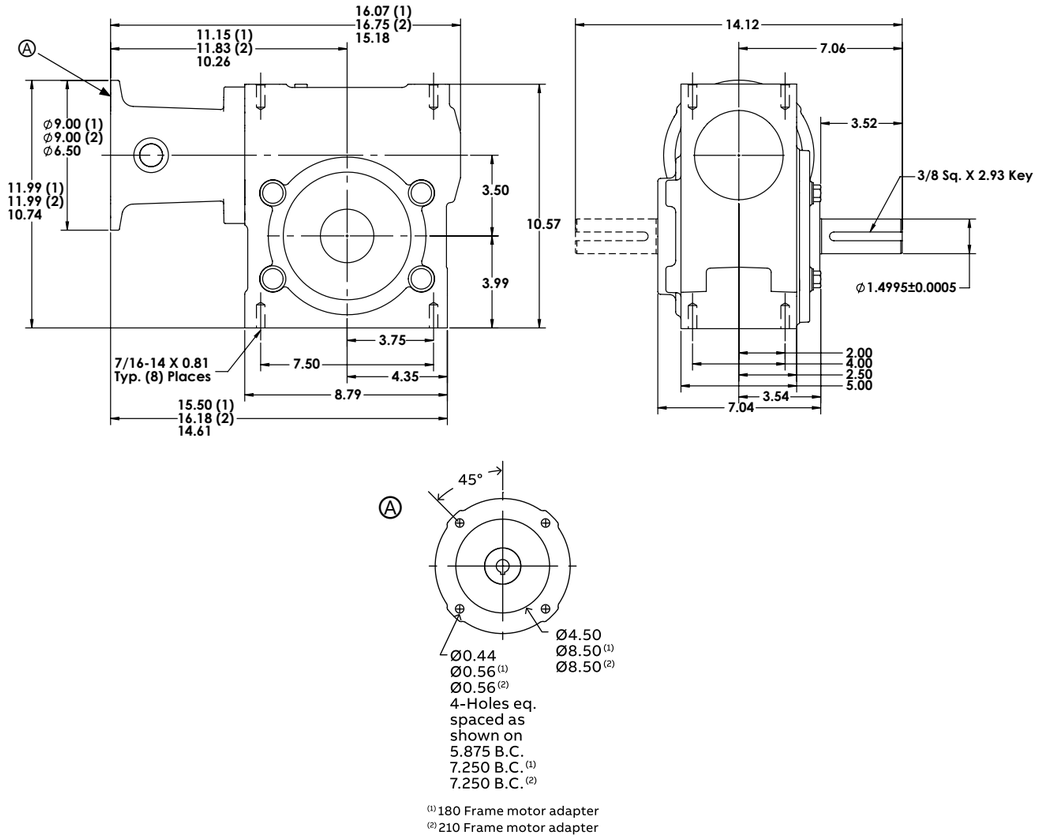
Tigear-2 reducers with three-piece coupled input – Size 35

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	210TC	Shaft position*
		Mechanical input horsepower (hp)	16.31		35A05L14	35A05L18	35A05L21	Left
		Thermal input horsepower (hp)	19.86		35A05R14	35A05R18	35A05R21	Right
5	350	Output torque (lb-in)	2,787	—	35A05LR14	35A05LR18	35A05LR21	Left/Right
		Mechanical output horsepower (hp)	15.48		35A05H14	35A05H18	35A05H21	Hollow
		Output OHL (lb)	2,120		—	—	—	—
		Mechanical input horsepower (hp)	14.60		35A07L14	35A07L18	35A07L21	Left
		Thermal input horsepower (hp)	16.92		35A07R14	35A07R18	35A07R21	Right
7.5	233	Output torque (lb-in)	3,691	—	35A07LR14	35A07LR18	35A07LR21	Left/Right
		Mechanical output horsepower (hp)	13.67		35A07H14	35A07H18	35A07H21	Hollow
		Output OHL (lb)	2,430		—	—	—	—
		Mechanical input horsepower (hp)	13.20		35A10L14	35A10L18	35A10L21	Left
		Thermal input horsepower (hp)	14.45		35A10R14	35A10R18	35A10R21	Right
10	175	Output torque (lb-in)	4,369	—	35A10LR14	35A10LR18	35A10LR21	Left/Right
		Mechanical output horsepower (hp)	12.13		35A10H14	35A10H18	35A10H21	Hollow
		Output OHL (lb)	2,700		—	—	—	—
		Mechanical input horsepower (hp)	10.45		35A12L14	35A12L18	35A12L21	Left
		Thermal input horsepower (hp)	12.68		35A12R14	35A12R18	35A12R21	Right
12.7	138	Output torque (lb-in)	4,306	—	35A12LR14	35A12LR18	35A12LR21	Left/Right
		Mechanical output horsepower (hp)	9.42		35A12H14	35A12H18	35A12H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	10.02		35A15L14	35A15L18	35A15L21	Left
		Thermal input horsepower (hp)	11.34		35A15R14	35A15R18	35A15R21	Right
15	117	Output torque (lb-in)	4,845	—	35A15LR14	35A15LR18	35A15LR21	Left/Right
		Mechanical output horsepower (hp)	8.97		35A15H14	35A15H18	35A15H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	7.72		35A18L14	35A18L18		Left
		Thermal input horsepower (hp)	10.01		35A18R14	35A18R18		Right
18	97	Output torque (lb-in)	4,395	—	35A18LR14	35A18LR18	—	Left/Right
		Mechanical output horsepower (hp)	6.78		35A18H14	35A18H18		Hollow
		Output OHL (lb)	2,760		35A18HA14	35A18HA18		Hollow alt.
		Mechanical input horsepower (hp)	7.51		35A20L14	35A20L18	35A20L21	Left
		Thermal input horsepower (hp)	9.14		35A20R14	35A20R18	35A20R21	Right
20	88	Output torque (lb-in)	4,701	—	35A20LR14	35A20LR18	35A20LR21	Left/Right
		Mechanical output horsepower (hp)	6.53		35A20H14	35A20H18	35A20H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	5.54		35A25L14	35A25L18		Left
		Thermal input horsepower (hp)	7.40		35A25R14	35A25R18		Right
25	70	Output torque (lb-in)	4,195	—	35A25LR14	35A25LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.66		35A25H14	35A25H18		Hollow
		Output OHL (lb)	2,760		—	—		—
		Mechanical input horsepower (hp)	5.05	35A30L56	35A30L14	35A30L18		Left
		Thermal input horsepower (hp)	6.49	35A30R56	35A30R14	35A30R18		Right
30	58	Output torque (lb-in)	4,485	35A30LR56	35A30LR14	35A30LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.15	35A30H56	35A30H14	35A30H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	4.25	35A40L56	35A40L14	35A40L18		Left
		Thermal input horsepower (hp)	5.02	35A40R56	35A40R14	35A40R18		Right
40	44	Output torque (lb-in)	4,757	35A40LR56	35A40LR14	35A40LR18	—	Left/Right
		Mechanical output horsepower (hp)	3.30	35A40H56	35A40H14	35A40H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	3.18	35A50L56	35A50L14	35A50L18		Left
		Thermal input horsepower (hp)	4.09	35A50R56	35A50R14	35A50R18		Right
50	35	Output torque (lb-in)	4,209	35A50LR56	35A50LR14	35A50LR18	—	Left/Right
		Mechanical output horsepower (hp)	2.34	35A50H56	35A50H14	35A50H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	2.86	35A60L56	35A60L14			Left
		Thermal input horsepower (hp)	3.38	35A60R56	35A60R14			Right
60	29	Output torque (lb-in)	4,178	35A60LR56	35A60LR14	—	—	Left/Right
		Mechanical output horsepower (hp)	1.93	35A60H56	35A60H14			Hollow
		Output OHL (lb)	2,760	—	—			—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 35BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

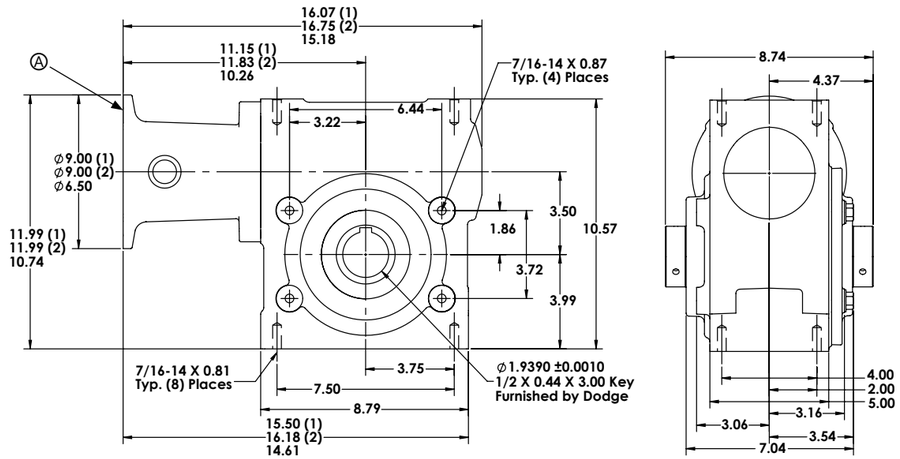
Tigear-2 reducers with three-piece coupled input – Size 35

Solid output



(1) 180 Frame motor adapter
(2) 210 Frame motor adapter

Hollow output



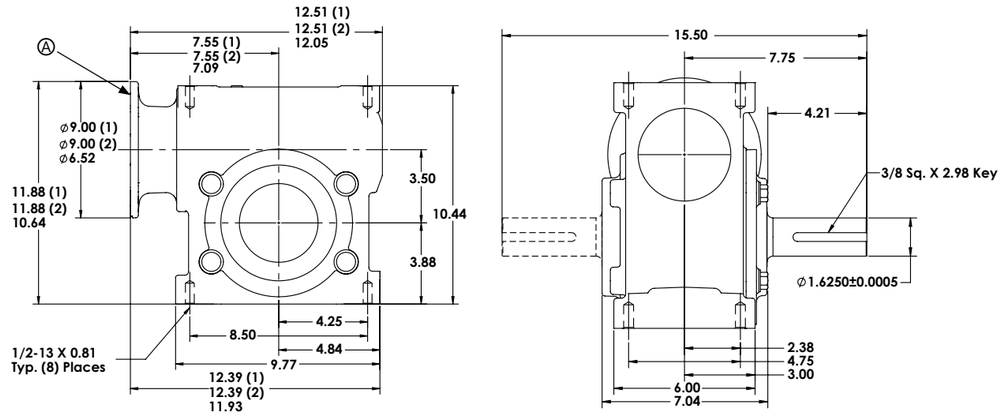
Tigear-2 reducers with quill input – Size 38

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	210TC	Shaft position*
		Mechanical input horsepower (hp)	16.31		38Q05L14	38Q05L18	38Q05L21	Left
		Thermal input horsepower (hp)	19.86		38Q05R14	38Q05R18	38Q05R21	Right
5	350	Output torque (lb-in)	2,787	—	38Q05LR14	38Q05LR18	38Q05LR21	Left/Right
		Mechanical output horsepower (hp)	15.48		—	—	—	—
		Output OHL (lb)	2,120		—	—	—	—
		Mechanical input horsepower (hp)	14.60		38Q07L14	38Q07L18	38Q07L21	Left
		Thermal input horsepower (hp)	16.92		38Q07R14	38Q07R18	38Q07R21	Right
7.5	233	Output torque (lb-in)	3,691	—	38Q07LR14	38Q07LR18	38Q07LR21	Left/Right
		Mechanical output horsepower (hp)	13.67		—	—	—	—
		Output OHL (lb)	2,430		—	—	—	—
		Mechanical input horsepower (hp)	13.20		38Q10L14	38Q10L18	38Q10L21	Left
		Thermal input horsepower (hp)	14.45		38Q10R14	38Q10R18	38Q10R21	Right
10	175	Output torque (lb-in)	4,369	—	38Q10LR14	38Q10LR18	38Q10LR21	Left/Right
		Mechanical output horsepower (hp)	12.13		—	—	—	—
		Output OHL (lb)	2,700		—	—	—	—
		Mechanical input horsepower (hp)	10.45		38Q12L14	38Q12L18	38Q12L21	Left
		Thermal input horsepower (hp)	12.68		38Q12R14	38Q12R18	38Q12R21	Right
12.7	138	Output torque (lb-in)	4,306	—	38Q12LR14	38Q12LR18	38Q12LR21	Left/Right
		Mechanical output horsepower (hp)	9.42		—	—	—	—
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	10.02		38Q15L14	38Q15L18	38Q15L21	Left
		Thermal input horsepower (hp)	11.34		38Q15R14	38Q15R18	38Q15R21	Right
15	117	Output torque (lb-in)	4,845	—	38Q15LR14	38Q15LR18	38Q15LR21	Left/Right
		Mechanical output horsepower (hp)	8.97		—	—	—	—
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	7.72		38Q18L14	38Q18L18		Left
		Thermal input horsepower (hp)	10.01		38Q18R14	38Q18R18		Right
18	97	Output torque (lb-in)	4,395	—	38Q18LR14	38Q18LR18	—	Left/Right
		Mechanical output horsepower (hp)	6.78		—	—		—
		Output OHL (lb)	2,760		—	—		—
		Mechanical input horsepower (hp)	7.51		38Q20L14	38Q20L18	38Q20L21	Left
		Thermal input horsepower (hp)	9.14		38Q20R14	38Q20R18	38Q20R21	Right
20	88	Output torque (lb-in)	4,701	—	38Q20LR14	38Q20LR18	38Q20LR21	Left/Right
		Mechanical output horsepower (hp)	6.53		—	—	—	—
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	5.54		38Q25L14	38Q25L18		Left
		Thermal input horsepower (hp)	7.40		38Q25R14	38Q25R18		Right
25	70	Output torque (lb-in)	4,195	—	38Q25LR14	38Q25LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.66		—	—		—
		Output OHL (lb)	2,760		—	—		—
		Mechanical input horsepower (hp)	5.05	38Q30L56	38Q30L14	38Q30L18		Left
		Thermal input horsepower (hp)	6.49	38Q30R56	38Q30R14	38Q30R18		Right
30	58	Output torque (lb-in)	4,485	38Q30LR56	38Q30LR14	38Q30LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.15	—	—	—		—
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	4.25	38Q40L56	38Q40L14	38Q40L18		Left
		Thermal input horsepower (hp)	5.02	38Q40R56	38Q40R14	38Q40R18		Right
40	44	Output torque (lb-in)	4,757	38Q40LR56	38Q40LR14	38Q40LR18	—	Left/Right
		Mechanical output horsepower (hp)	3.30	—	—	—		—
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	3.18	38Q50L56	38Q50L14	38Q50L18		Left
		Thermal input horsepower (hp)	4.09	38Q50R56	38Q50R14	38Q50R18		Right
50	35	Output torque (lb-in)	4,209	38Q50LR56	38Q50LR14	38Q50LR18	—	Left/Right
		Mechanical output horsepower (hp)	2.34	—	—	—		—
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	2.86	38Q60L56	38Q60L14			Left
		Thermal input horsepower (hp)	3.38	38Q60R56	38Q60R14			Right
60	29	Output torque (lb-in)	4,178	38Q60LR56	38Q60LR14	—	—	Left/Right
		Mechanical output horsepower (hp)	1.93	—	—			—
		Output OHL (lb)	2,760	—	—			—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 38BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 38

Solid output



Motor frame	Dim "U"	Key
56C	Ø0.626	3/16 sq. x 2.43 Key
140TC	Ø0.876	3/16 sq. x 2.43 Key
180TC	Ø 1.126	1/4 sq. x 2.36 Key
210TC	Ø 1.376	5/16 sq. x 2.57 Key

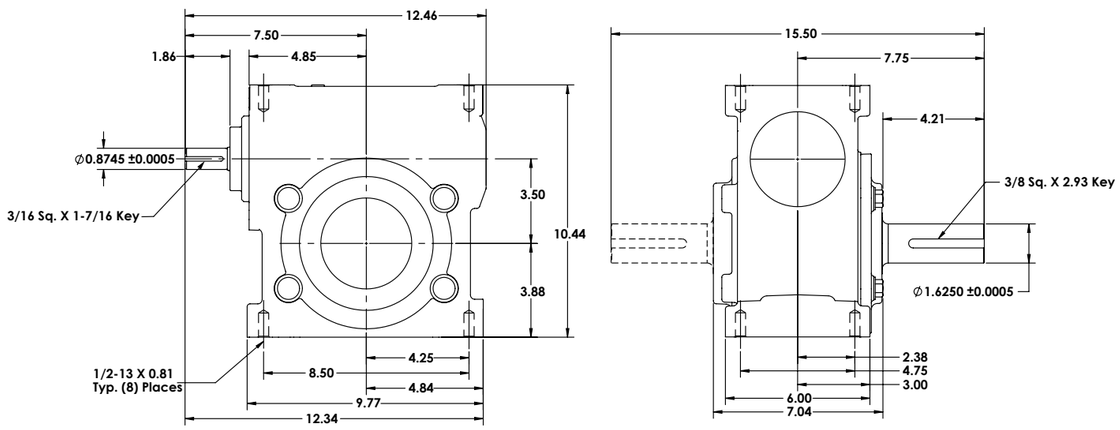
(1) 180 Frame motor adapter
(2) 210 Frame motor adapter

Tigear-2 reducers with separate input – Size 38

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 56C	140TC	180TC	210TC
		Mechanical input horsepower (hp)	16.31	38S05L	Left				
		Thermal input horsepower (hp)	19.86	38S05R	Right				
5	350	Output torque (lb-in)	2,787	38S05LR	Left/Right	—	3538MTR14	3538MTR18	3538MTR21
		Mechanical output horsepower (hp)	15.48	—	—				
		Output OHL (lb)	2,120	—	—				
		Mechanical input horsepower (hp)	14.60	38S07L	Left				
		Thermal input horsepower (hp)	16.92	38S07R	Right				
7.5	233	Output torque (lb-in)	3,691	38S07LR	Left/Right	—	3538MTR14	3538MTR18	3538MTR21
		Mechanical output horsepower (hp)	13.67	—	—				
		Output OHL (lb)	2,430	—	—				
		Mechanical input horsepower (hp)	13.20	38S10L	Left				
		Thermal input horsepower (hp)	14.45	38S10R	Right				
10	175	Output torque (lb-in)	4,369	38S10LR	Left/Right	—	3538MTR14	3538MTR18	3538MTR21
		Mechanical output horsepower (hp)	12.13	—	—				
		Output OHL (lb)	2,700	—	—				
		Mechanical input horsepower (hp)	10.45	38S12L	Left				
		Thermal input horsepower (hp)	12.68	38S12R	Right				
12.7	138	Output torque (lb-in)	4,306	38S12LR	Left/Right	—	3538MTR14	3538MTR18	3538MTR21
		Mechanical output horsepower (hp)	9.42	38S12H	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	10.02	38S15L	Left				
		Thermal input horsepower (hp)	11.34	38S15R	Right				
15	117	Output torque (lb-in)	4,845	38S15LR	Left/Right	—	3538MTR14	3538MTR18	3538MTR21
		Mechanical output horsepower (hp)	8.97	—	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	7.72	38S18L	Left				
		Thermal input horsepower (hp)	10.01	38S18R	Right				
18	97	Output torque (lb-in)	4,395	38S18LR	Left/Right	—	—	—	—
		Mechanical output horsepower (hp)	6.78	—	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	7.51	38S20L	Left				
		Thermal input horsepower (hp)	9.14	38S20R	Right				
20	88	Output torque (lb-in)	4,701	38S20LR	Left/Right	—	3538MTR14	3538MTR18	3538MTR21
		Mechanical output horsepower (hp)	6.53	—	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	5.54	38S25L	Left				
		Thermal input horsepower (hp)	7.40	38S25R	Right				
25	70	Output torque (lb-in)	4,195	38S25LR	Left/Right	—	3538MTR14	3538MTR18	—
		Mechanical output horsepower (hp)	4.66	—	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	5.05	38S30L	Left				
		Thermal input horsepower (hp)	6.49	38S30R	Right				
30	58	Output torque (lb-in)	4,485	38S30LR	Left/Right	3538MTR56	3538MTR14	3538MTR18	—
		Mechanical output horsepower (hp)	4.15	—	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	4.25	38S40L	Left				
		Thermal input horsepower (hp)	5.02	38S40R	Right				
40	44	Output torque (lb-in)	4,757	38S40LR	Left/Right	3538MTR56	3538MTR14	3538MTR18	—
		Mechanical output horsepower (hp)	3.30	—	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	3.18	38S50L	Left				
		Thermal input horsepower (hp)	4.09	38S50R	Right				
50	35	Output torque (lb-in)	4,209	38S50LR	Left/Right	3538MTR56	3538MTR14	3538MTR18	—
		Mechanical output horsepower (hp)	2.34	—	—				
		Output OHL (lb)	2,760	—	—				
		Mechanical input horsepower (hp)	2.86	38S60L	Left				
		Thermal input horsepower (hp)	3.38	38S60R	Right				
60	29	Output torque (lb-in)	4,178	38S60LR	Left/Right	3538MTR56	3538MTR14	—	—
		Mechanical output horsepower (hp)	1.93	—	—				
		Output OHL (lb)	2,760	—	—				
All ratios		Input OHL (lb)	330	One diameter from seal surface					

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 38BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with separate input – Size 38

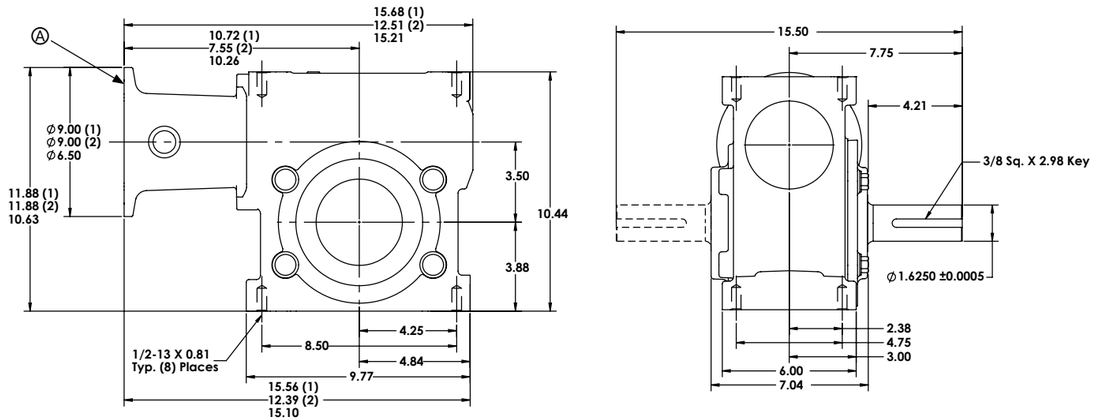


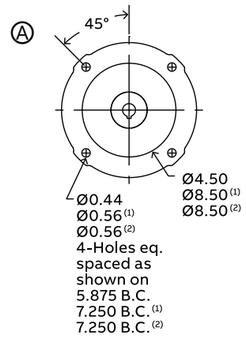
Tigear-2 reducers with three-piece coupled input – Size 38

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	210TC	Shaft position*
		Mechanical input horsepower (hp)	16.31		38A05L14	38A05L18	38A05L21	Left
		Thermal input horsepower (hp)	19.86		38A05R14	38A05R18	38A05R21	Right
5	350	Output torque (lb-in)	2,787	—	38A05LR14	38A05LR18	38A05LR21	Left/Right
		Mechanical output horsepower (hp)	15.48		—	—	—	—
		Output OHL (lb)	2,120		—	—	—	—
		Mechanical input horsepower (hp)	14.60		38A07L14	38A07L18	38A07L21	Left
		Thermal input horsepower (hp)	16.92		38A07R14	38A07R18	38A07R21	Right
7.5	233	Output torque (lb-in)	3,691	—	38A07LR14	38A07LR18	38A07LR21	Left/Right
		Mechanical output horsepower (hp)	13.67		—	—	—	—
		Output OHL (lb)	2,430		—	—	—	—
		Mechanical input horsepower (hp)	13.20		38A10L14	38A10L18	38A10L21	Left
		Thermal input horsepower (hp)	14.45		38A10R14	38A10R18	38A10R21	Right
10	175	Output torque (lb-in)	4,369	—	38A10LR14	38A10LR18	38A10LR21	Left/Right
		Mechanical output horsepower (hp)	12.13		—	—	—	—
		Output OHL (lb)	2,700		—	—	—	—
		Mechanical input horsepower (hp)	10.45		38A12L14	38A12L18	38A12L21	Left
		Thermal input horsepower (hp)	12.68		38A12R14	38A12R18	38A12R21	Right
12.7	138	Output torque (lb-in)	4,306	—	38A12LR14	38A12LR18	38A12LR21	Left/Right
		Mechanical output horsepower (hp)	9.42		—	—	—	—
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	10.02		38A15L14	38A15L18	38A15L21	Left
		Thermal input horsepower (hp)	11.34		38A15R14	38A15R18	38A15R21	Right
15	117	Output torque (lb-in)	4,845	—	38A15LR14	38A15LR18	38A15LR21	Left/Right
		Mechanical output horsepower (hp)	8.97		—	—	—	—
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	7.72		38A18L14	38A18L18		Left
		Thermal input horsepower (hp)	10.01		38A18R14	38A18R18		Right
18	97	Output torque (lb-in)	4,395	—	38A18LR14	38A18LR18	—	Left/Right
		Mechanical output horsepower (hp)	6.78		—	—		—
		Output OHL (lb)	2,760		—	—		—
		Mechanical input horsepower (hp)	7.51		38A20L14	38A20L18	38A20L21	Left
		Thermal input horsepower (hp)	9.14		38A20R14	38A20R18	38A20R21	Right
20	88	Output torque (lb-in)	4,701	—	38A20LR14	38A20LR18	38A20LR21	Left/Right
		Mechanical output horsepower (hp)	6.53		—	—	—	—
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	5.54		38A25L14	38A25L18		Left
		Thermal input horsepower (hp)	7.40		38A25R14	38A25R18		Right
25	70	Output torque (lb-in)	4,195	—	38A25LR14	38A25LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.66		—	—		—
		Output OHL (lb)	2,760		—	—		—
		Mechanical input horsepower (hp)	5.05	38A30L56	38A30L14	38A30L18		Left
		Thermal input horsepower (hp)	6.49	38A30R56	38A30R14	38A30R18		Right
30	58	Output torque (lb-in)	4,485	38A30LR56	38A30LR14	38A30LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.15	—	—	—		—
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	4.25	38A40L56	38A40L14	38A40L18		Left
		Thermal input horsepower (hp)	5.02	38A40R56	38A40R14	38A40R18		Right
40	44	Output torque (lb-in)	4,757	38A40LR56	38A40LR14	38A40LR18	—	Left/Right
		Mechanical output horsepower (hp)	3.30	—	—	—		—
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	3.18	38A50L56	38A50L14	38A50L18		Left
		Thermal input horsepower (hp)	4.09	38A50R56	38A50R14	38A50R18		Right
50	35	Output torque (lb-in)	4,209	38A50LR56	38A50LR14	38A50LR18	—	Left/Right
		Mechanical output horsepower (hp)	2.34	—	—	—		—
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	2.86	38A60L56	38A60L14			Left
		Thermal input horsepower (hp)	3.38	38A60R56	38A60R14			Right
60	29	Output torque (lb-in)	4,178	38A60LR56	38A60LR14	—	—	Left/Right
		Mechanical output horsepower (hp)	1.93	—	—			—
		Output OHL (lb)	2,760	—	—			—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 38BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with three-piece coupled input – Size 38





(1) 180 Frame motor adapter
(2) 210 Frame motor adapter

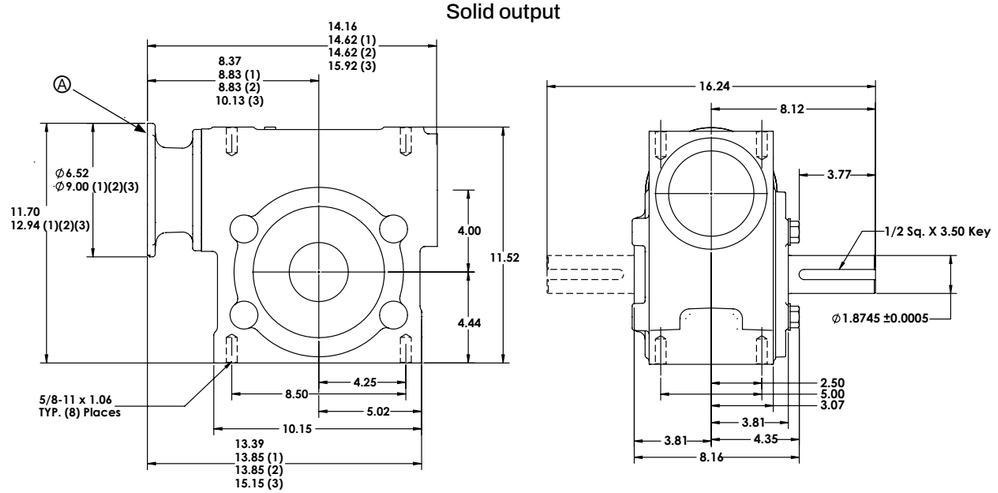
Tigear-2 reducers with quill input – Size 40

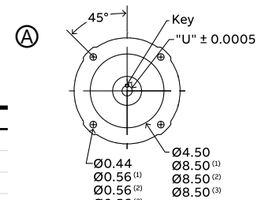
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 140TC	180TC	210TC	250TC	Shaft position*
5	350	Mechanical input horsepower (hp)	21.66			40Q05L21	40Q05L25	Left
		Thermal input horsepower (hp)	22.28			40Q05R21	40Q05R25	Right
		Output torque (lb-in)	3,690	—	—	40Q05LR21	40Q05LR25	Left/Right
		Mechanical output horsepower (hp)	20.49			40Q05H21	40Q05H25	Hollow
		Output OHL (lb)	2,860			—	—	—
7.5	233	Mechanical input horsepower (hp)	19.49			40Q07L21	40Q07L25	Left
		Thermal input horsepower (hp)	19.29			40Q07R21	40Q07R25	Right
		Output torque (lb-in)	4,906	—	—	40Q07LR21	40Q07LR25	Left/Right
		Mechanical output horsepower (hp)	18.16			40Q07H21	40Q07H25	Hollow
		Output OHL (lb)	3,280			—	—	—
10	175	Mechanical input horsepower (hp)	17.75			40Q10L21	40Q10L25	Left
		Thermal input horsepower (hp)	16.61			40Q10R21	40Q10R25	Right
		Output torque (lb-in)	5,881	—	—	40Q10LR21	40Q10LR25	Left/Right
		Mechanical output horsepower (hp)	16.33			40Q10H21	40Q10H25	Hollow
		Output OHL (lb)	3,640			—	—	—
12.7	138	Mechanical input horsepower (hp)	14.89		40Q12L18	40Q12L21		Left
		Thermal input horsepower (hp)	14.70		40Q12R18	40Q12R21		Right
		Output torque (lb-in)	6,127	—	40Q12LR18	40Q12LR21	—	Left/Right
		Mechanical output horsepower (hp)	13.43		40Q12H18	40Q12H21		Hollow
		Output OHL (lb)	4,190		40Q12HQ18	40Q12HQ21		Hollow alt.
15	117	Mechanical input horsepower (hp)	12.54		40Q15L18	40Q15L21		Left
		Thermal input horsepower (hp)	13.31		40Q15R18	40Q15R21		Right
		Output torque (lb-in)	6,016	—	40Q15LR18	40Q15LR21	—	Left/Right
		Mechanical output horsepower (hp)	11.14		40Q15H18	40Q15H21		Hollow
		Output OHL (lb)	4,190		—	—		—
20	88	Mechanical input horsepower (hp)	10.51		40Q20L18	40Q20L21		Left
		Thermal input horsepower (hp)	10.80		40Q20R18	40Q20R21		Right
		Output torque (lb-in)	6,533	—	40Q20LR18	40Q20LR21	—	Left/Right
		Mechanical output horsepower (hp)	9.07		40Q20H18	40Q20H21		Hollow
		Output OHL (lb)	4,300		—	—		—
25	70	Mechanical input horsepower (hp)	8.74		40Q25L18	40Q25L21		Left
		Thermal input horsepower (hp)	8.74		40Q25R18	40Q25R21		Right
		Output torque (lb-in)	6,508	—	40Q25LR18	40Q25LR21	—	Left/Right
		Mechanical output horsepower (hp)	7.23		40Q25H18	40Q25H21		Hollow
		Output OHL (lb)	4,300		—	—		—
30	58	Mechanical input horsepower (hp)	7.03		40Q30L18			Left
		Thermal input horsepower (hp)	7.67		40Q30R18			Right
		Output torque (lb-in)	6,130	—	40Q30LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	5.67		40Q30H18			Hollow
		Output OHL (lb)	4,300		—			—
40	44	Mechanical input horsepower (hp)	5.46	40Q40L14	40Q40L18			Left
		Thermal input horsepower (hp)	6.00	40Q40R14	40Q40R18			Right
		Output torque (lb-in)	5,915	40Q40LR14	40Q40LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	4.11	40Q40H14	40Q40H18			Hollow
		Output OHL (lb)	4,300	—	—			—
50	35	Mechanical input horsepower (hp)	4.53	40Q50L14	40Q50L18			Left
		Thermal input horsepower (hp)	4.88	40Q50R14	40Q50R18			Right
		Output torque (lb-in)	5,686	40Q50LR14	40Q50LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	3.16	40Q50H14	40Q50H18			Hollow
		Output OHL (lb)	4,300	—	—			—
60	29	Mechanical input horsepower (hp)	4.25	40Q60L14	40Q60L18			Left
		Thermal input horsepower (hp)	4.01	40Q60R14	40Q60R18			Right
		Output torque (lb-in)	5,905	40Q60LR14	40Q60LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	2.73	40Q60H14	40Q60H18			Hollow
		Output OHL (lb)	4,300	—	—			—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 40BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

Tigear-2 reducers with quill input – Size 40

Solid output

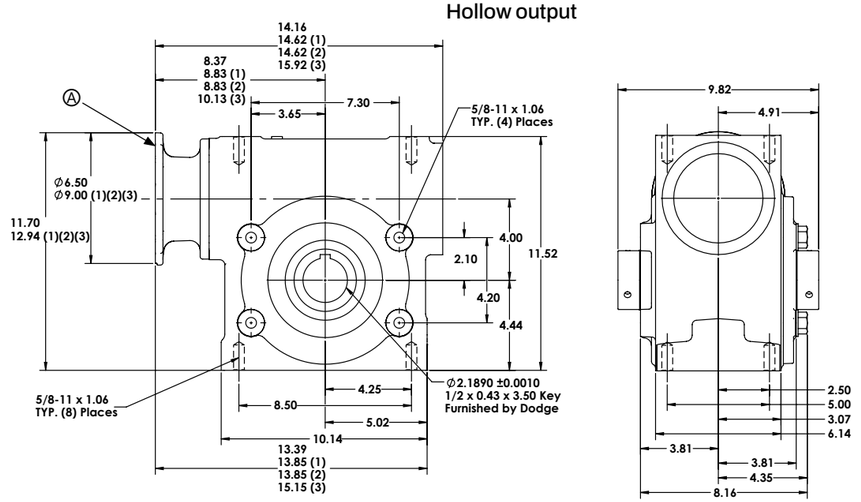




Motor frame	"U"	Key
140TC	Ø0.876	3/16 sq. x 2.75 Key
180TC	Ø1.126	1/4 sq. x 2.98 Key
210TC	Ø1.376	5/16 sq. x 3.11 Key
250TC	Ø1.626	3/8 sq. x 3.38 Key

(1) 180 Frame motor adapter
(2) 210 Frame motor adapter
(3) 250 Frame motor adapter

Hollow output



Tigear-2 reducers with separate input – Size 40

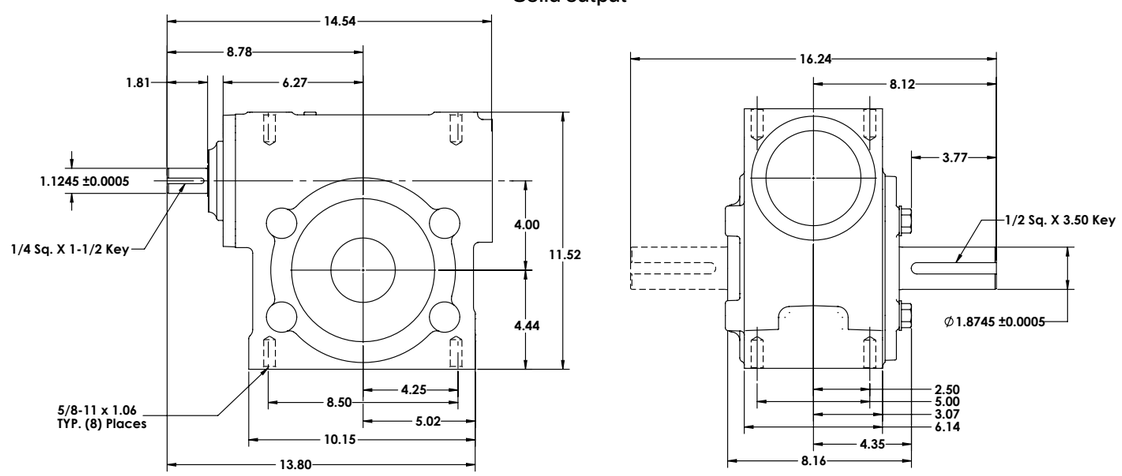
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 140TC	180TC	210TC	250TC
5	350	Mechanical input horsepower (hp)	21.66	40S05L	Left	—	—	4047MTR21	4047MTR25
		Thermal input horsepower (hp)	22.28	40S05R	Right				
		Output torque (lb-in)	3,690	40S05LR	Left/Right				
		Mechanical output horsepower (hp)	20.49	40S05H	Hollow				
		Output OHL (lb)	2,860	—	—				
7.5	233	Mechanical input horsepower (hp)	19.49	40S07L	Left	—	—	4047MTR21	4047MTR25
		Thermal input horsepower (hp)	19.29	40S07R	Right				
		Output torque (lb-in)	4,906	40S07LR	Left/Right				
		Mechanical output horsepower (hp)	18.16	40S07H	Hollow				
		Output OHL (lb)	3,280	—	—				
10	175	Mechanical input horsepower (hp)	17.75	40S10L	Left	—	—	4047MTR21	4047MTR25
		Thermal input horsepower (hp)	16.61	40S10R	Right				
		Output torque (lb-in)	5,881	40S10LR	Left/Right				
		Mechanical output horsepower (hp)	16.33	40S10H	Hollow				
		Output OHL (lb)	3,640	—	—				
12.7	138	Mechanical input horsepower (hp)	14.89	40S12L	Left	—	—	—	—
		Thermal input horsepower (hp)	14.70	40S12R	Right				
		Output torque (lb-in)	6,127	40S12LR	Left/Right				
		Mechanical output horsepower (hp)	13.43	40S12H	Hollow				
		Output OHL (lb)	4,190	40S12HA	Hollow alt.				
15	117	Mechanical input horsepower (hp)	12.54	40S15L	Left	—	4047MTR18	4047MTR21	—
		Thermal input horsepower (hp)	13.31	40S15R	Right				
		Output torque (lb-in)	6,016	40S15LR	Left/Right				
		Mechanical output horsepower (hp)	11.14	40S15H	Hollow				
		Output OHL (lb)	4,190	—	—				
20	88	Mechanical input horsepower (hp)	10.51	40S20L	Left	—	4047MTR18	4047MTR21	—
		Thermal input horsepower (hp)	10.80	40S20R	Right				
		Output torque (lb-in)	6,533	40S20LR	Left/Right				
		Mechanical output horsepower (hp)	9.07	40S20H	Hollow				
		Output OHL (lb)	4,300	—	—				
25	70	Mechanical input horsepower (hp)	8.74	40S25L	Left	—	4047MTR18	4047MTR25	—
		Thermal input horsepower (hp)	8.74	40S25R	Right				
		Output torque (lb-in)	6,508	40S25LR	Left/Right				
		Mechanical output horsepower (hp)	7.23	40S25H	Hollow				
		Output OHL (lb)	4,300	—	—				
30	58	Mechanical input horsepower (hp)	7.03	40S30L	Left	—	4047MTR18	—	—
		Thermal input horsepower (hp)	7.67	40S30R	Right				
		Output torque (lb-in)	6,130	40S30LR	Left/Right				
		Mechanical output horsepower (hp)	5.67	40S30H	Hollow				
		Output OHL (lb)	4,300	—	—				
40	44	Mechanical input horsepower (hp)	5.46	40S40L	Left	4047MTR14	4047MTR18	—	—
		Thermal input horsepower (hp)	6.00	40S40R	Right				
		Output torque (lb-in)	5,915	40S40LR	Left/Right				
		Mechanical output horsepower (hp)	4.11	40S40H	Hollow				
		Output OHL (lb)	4,300	—	—				
50	35	Mechanical input horsepower (hp)	4.53	40S50L	Left	4047MTR14	4047MTR18	—	—
		Thermal input horsepower (hp)	4.88	40S50R	Right				
		Output torque (lb-in)	5,686	40S50LR	Left/Right				
		Mechanical output horsepower (hp)	3.16	40S50H	Hollow				
		Output OHL (lb)	4,300	—	—				
60	29	Mechanical input horsepower (hp)	4.25	40S60L	Left	4047MTR14	4047MTR18	—	—
		Thermal input horsepower (hp)	4.01	40S60R	Right				
		Output torque (lb-in)	5,905	40S60LR	Left/Right				
		Mechanical output horsepower (hp)	2.73	40S60H	Hollow				
		Output OHL (lb)	4,300	—	—				
All ratios		Input OHL (lb)	400	One diameter from seal surface					

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 40BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

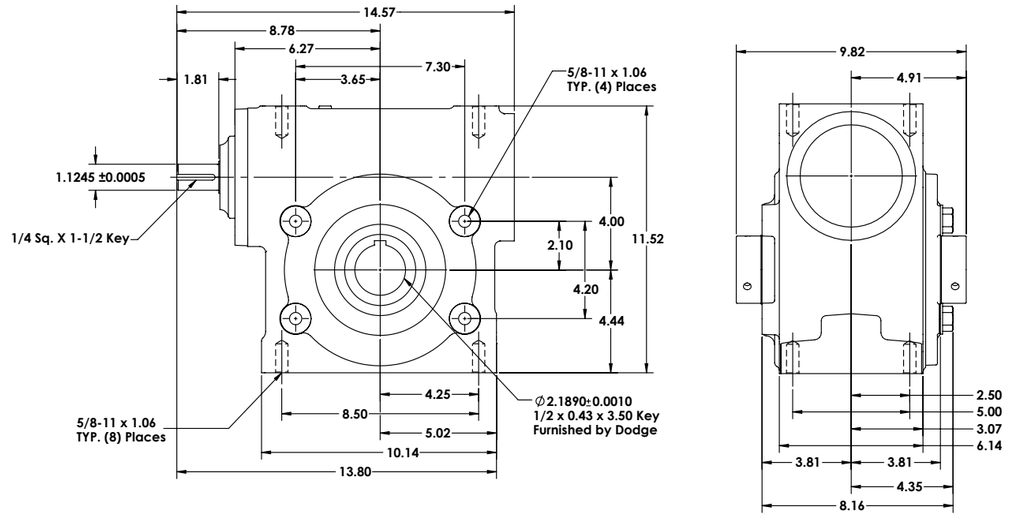
Features and Benefits
General Specification
Selection
Tigear-2 (Standard)
E-Z Kleen (Washdown)
FoodSafe (Washdown)
Tigear-2 (Metric)
Accessories
Competitor Interchange

Tigear-2 reducers with separate input – Size 40

Solid output



Hollow output



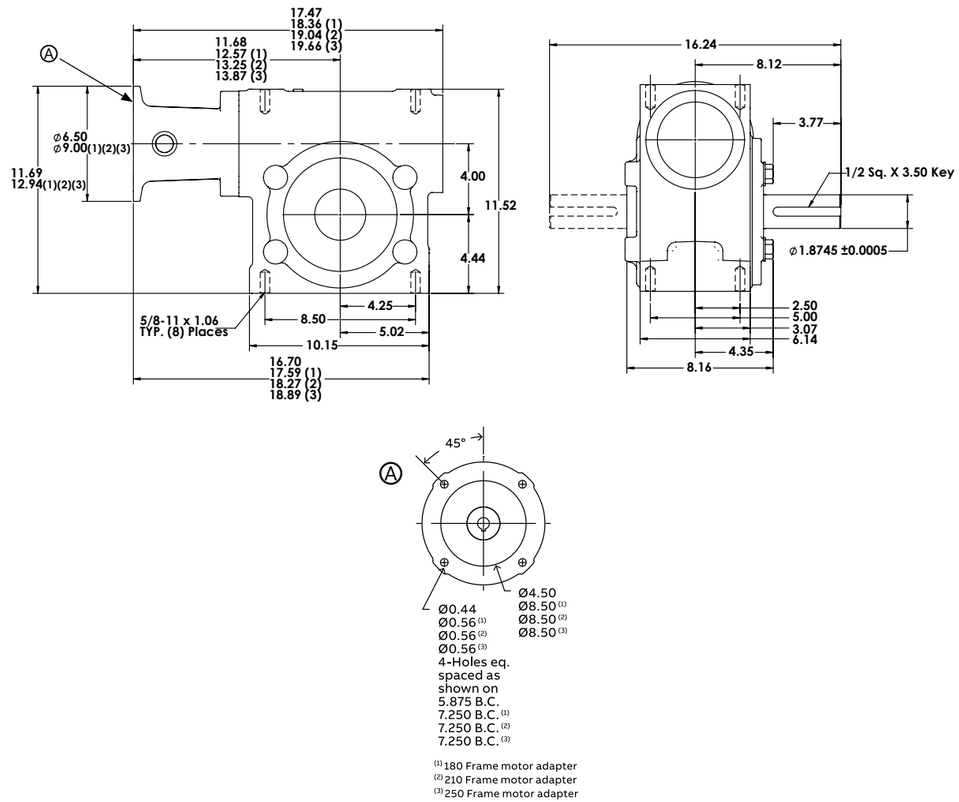
Tigear-2 reducers with three-piece coupled input – Size 40

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 140TC	180TC	210TC	250TC	Shaft position*
		Mechanical input horsepower (hp)	21.66			40A05L21	40A05L25	Left
		Thermal input horsepower (hp)	22.28			40A05R21	40A05R25	Right
5	350	Output torque (lb-in)	3,690	—	—	40A05LR21	40A05LR25	Left/Right
		Mechanical output horsepower (hp)	20.49			40A05H21	40A05H25	Hollow
		Output OHL (lb)	2,860			—	—	—
		Mechanical input horsepower (hp)	19.49			40A07L21	40A07L25	Left
		Thermal input horsepower (hp)	19.29			40A07R21	40A07R25	Right
7.5	233	Output torque (lb-in)	4,906	—	—	40A07LR21	40A07LR25	Left/Right
		Mechanical output horsepower (hp)	18.16			40A07H21	40A07H25	Hollow
		Output OHL (lb)	3,280			—	—	—
		Mechanical input horsepower (hp)	17.75			40A10L21	40A10L25	Left
		Thermal input horsepower (hp)	16.61			40A10R21	40A10R25	Right
10	175	Output torque (lb-in)	5,881	—	—	40A10LR21	40A10LR25	Left/Right
		Mechanical output horsepower (hp)	16.33			40A10H21	40A10H25	Hollow
		Output OHL (lb)	3,640			—	—	—
		Mechanical input horsepower (hp)	14.89		40A12L18	40A12L21		Left
		Thermal input horsepower (hp)	14.70		40A12R18	40A12R21		Right
12.7	138	Output torque (lb-in)	6,127	—	40A12LR18	40A12LR21	—	Left/Right
		Mechanical output horsepower (hp)	13.43		40A12H18	40A12H21		Hollow
		Output OHL (lb)	4,190		40A12HA18	40A12HA21		Hollow alt.
		Mechanical input horsepower (hp)	12.54		40A15L18	40A15L21		Left
		Thermal input horsepower (hp)	13.31		40A15R18	40A15R21		Right
15	117	Output torque (lb-in)	6,016	—	40A15LR18	40A15LR21	—	Left/Right
		Mechanical output horsepower (hp)	11.14		40A15H18	40A15H21		Hollow
		Output OHL (lb)	4,190		—	—		—
		Mechanical input horsepower (hp)	10.51		40A20L18	40A20L21		Left
		Thermal input horsepower (hp)	10.80		40A20R18	40A20R21		Right
20	88	Output torque (lb-in)	6,533	—	40A20LR18	40A20LR21	—	Left/Right
		Mechanical output horsepower (hp)	9.07		40A20H18	40A20H21		Hollow
		Output OHL (lb)	4,300		—	—		—
		Mechanical input horsepower (hp)	8.74		40A25L18	40A25L21		Left
		Thermal input horsepower (hp)	8.74		40A25R18	40A25R21		Right
25	70	Output torque (lb-in)	6,508	—	40A25LR18	40A25LR21	—	Left/Right
		Mechanical output horsepower (hp)	7.23		40A25H18	40A25H21		Hollow
		Output OHL (lb)	4,300		—	—		—
		Mechanical input horsepower (hp)	7.03		40A30L18			Left
		Thermal input horsepower (hp)	7.67		40A30R18			Right
30	58	Output torque (lb-in)	6,130	—	40A30LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	5.67		40A30H18			Hollow
		Output OHL (lb)	4,300		—			—
		Mechanical input horsepower (hp)	5.46	40A40L14	40A40L18			Left
		Thermal input horsepower (hp)	6.00	40A40R14	40A40R18			Right
40	44	Output torque (lb-in)	5,915	40A40LR14	40A40LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	4.11	40A40H14	40A40H18			Hollow
		Output OHL (lb)	4,300	—	—			—
		Mechanical input horsepower (hp)	4.53	40A50L14	40A50L18			Left
		Thermal input horsepower (hp)	4.88	40A50R14	40A50R18			Right
50	35	Output torque (lb-in)	5,686	40A50LR14	40A50LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	3.16	40A50H14	40A50H18			Hollow
		Output OHL (lb)	4,300	—	—			—
		Mechanical input horsepower (hp)	4.25	40A60L14	40A60L18			Left
		Thermal input horsepower (hp)	4.01	40A60R14	40A60R18			Right
60	29	Output torque (lb-in)	5,905	40A60LR14	40A60LR18	—	—	Left/Right
		Mechanical output horsepower (hp)	2.73	40A60H14	40A60H18			Hollow
		Output OHL (lb)	4,300	—	—			—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 40BASE if required.
* For additional information on output shaft configurations, refer to the “How to order” section.

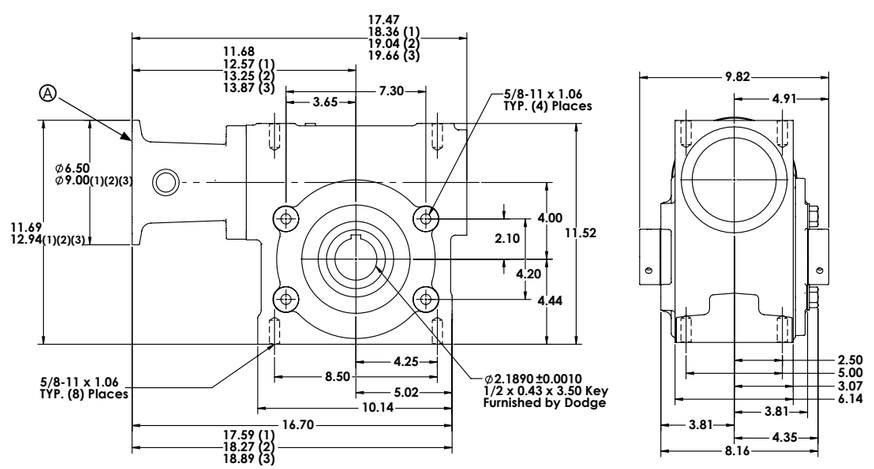
Tigear-2 reducers with three-piece coupled input – Size 40

Solid output



(1) 180 Frame motor adapter
(2) 210 Frame motor adapter
(3) 250 Frame motor adapter

Hollow output



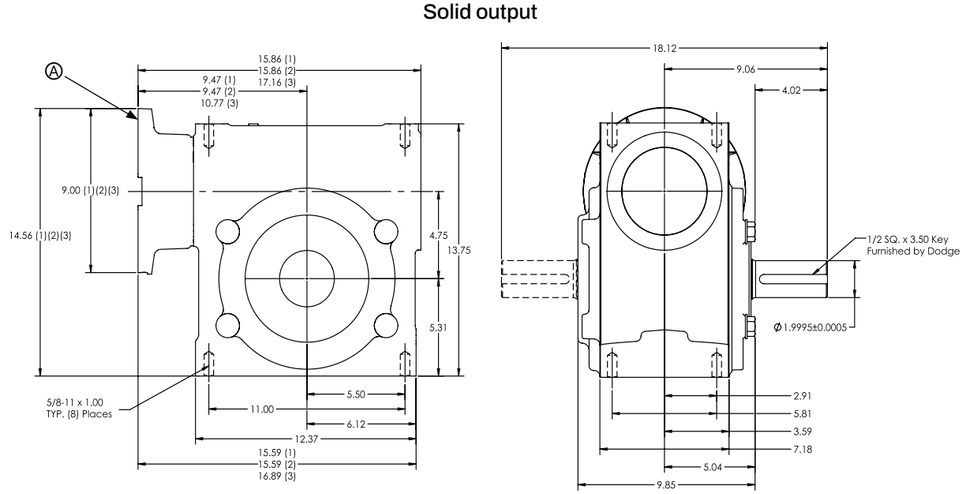
Tigear-2 reducers with quill input – Size 47

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 180TC	210TC	250TC	Shaft position*
5	350	Mechanical input horsepower (hp)	30.44	—	—	47Q05L25	Left
		Thermal input horsepower (hp)	24.78			47Q05R25	Right
		Output torque (lb-in)	5,169			47Q05LR25	Left/Right
		Mechanical output horsepower (hp)	28.70			47Q05H25	Hollow
		Output OHL (lb)	5,100			—	—
7.5	233	Mechanical input horsepower (hp)	27.79	—	—	47Q07L25	Left
		Thermal input horsepower (hp)	22.00			47Q07R25	Right
		Output torque (lb-in)	6,996			47Q07LR25	Left/Right
		Mechanical output horsepower (hp)	25.90			47Q07H25	Hollow
		Output OHL (lb)	5,600			—	—
10	175	Mechanical input horsepower (hp)	24.45	—	47Q10L21	47Q10L25	Left
		Thermal input horsepower (hp)	19.42		47Q10R21	47Q10R25	Right
		Output torque (lb-in)	8,110		47Q10LR21	47Q10LR25	Left/Right
		Mechanical output horsepower (hp)	22.52		47Q10H21	47Q10H25	Hollow
		Output OHL (lb)	5,600		—	—	—
15	117	Mechanical input horsepower (hp)	16.91	—	47Q15L21	47Q15L25	Left
		Thermal input horsepower (hp)	15.54		47Q15R21	47Q15R25	Right
		Output torque (lb-in)	8,112		47Q15LR21	47Q15LR25	Left/Right
		Mechanical output horsepower (hp)	15.02		47Q15H21	47Q15H25	Hollow
		Output OHL (lb)	5,600		—		—
20	88	Mechanical input horsepower (hp)	12.96	—	47Q20L21	—	Left
		Thermal input horsepower (hp)	12.74		47Q20R21		Right
		Output torque (lb-in)	7,972		47Q20LR21		Left/Right
		Mechanical output horsepower (hp)	11.07		47Q20H21		Hollow
		Output OHL (lb)	5,600		—		—
25	70	Mechanical input horsepower (hp)	10.48	47Q25L18	47Q25L21	—	Left
		Thermal input horsepower (hp)	10.18	47Q25R18	47Q25R21		Right
		Output torque (lb-in)	7,671	47Q25LR18	47Q25LR21		Left/Right
		Mechanical output horsepower (hp)	8.52	47Q25H18	47Q25H21		Hollow
		Output OHL (lb)	5,600	—	—		—
30	58	Mechanical input horsepower (hp)	9.52	47Q30L18	47Q30L21	—	Left
		Thermal input horsepower (hp)	9.19	47Q30R18	47Q30R21		Right
		Output torque (lb-in)	8,198	47Q30LR18	47Q30LR21		Left/Right
		Mechanical output horsepower (hp)	7.59	47Q30H18	47Q30H21		Hollow
		Output OHL (lb)	5,600	—	—		—
40	44	Mechanical input horsepower (hp)	7.50	47Q40L18	47Q40L21	—	Left
		Thermal input horsepower (hp)	7.10	47Q40R18	47Q40R21		Right
		Output torque (lb-in)	8,017	47Q40LR18	47Q40LR21		Left/Right
		Mechanical output horsepower (hp)	5.57	47Q40H18	47Q40H21		Hollow
		Output OHL (lb)	5,600	—	—		—
50	35	Mechanical input horsepower (hp)	6.22	47Q50L18	—	—	Left
		Thermal input horsepower (hp)	5.73	47Q50R18			Right
		Output torque (lb-in)	7,695	47Q50LR18			Left/Right
		Mechanical output horsepower (hp)	4.27	47Q50H18			Hollow
		Output OHL (lb)	5,600	—			—
60	29	Mechanical input horsepower (hp)	5.54	47Q60L18	—	—	Left
		Thermal input horsepower (hp)	4.65	47Q60R18			Right
		Output torque (lb-in)	7,638	47Q60LR18			Left/Right
		Mechanical output horsepower (hp)	3.53	47Q60H18			Hollow
		Output OHL (lb)	5,600	—			—

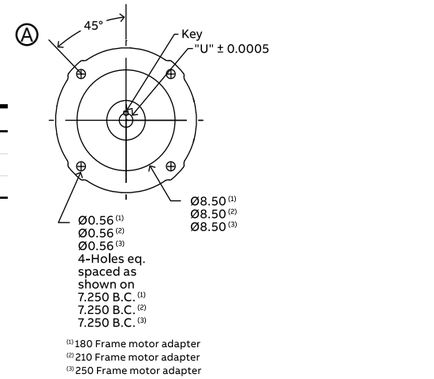
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 47BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with quill input – Size 47

Solid output

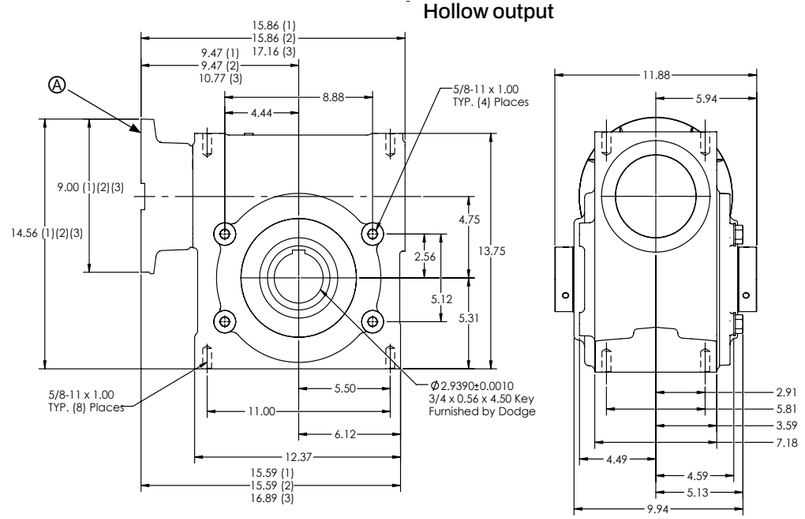


Motor frame	"U"	Key
180TC	Ø1.126	1/4 sq. x 2.98 Key
210TC	Ø1.376	5/16 sq. x 3.11 Key
250TC	Ø1.626	3/8 sq. x 3.38 Key



(1) 180 Frame motor adapter
(2) 210 Frame motor adapter
(3) 250 Frame motor adapter

Hollow output



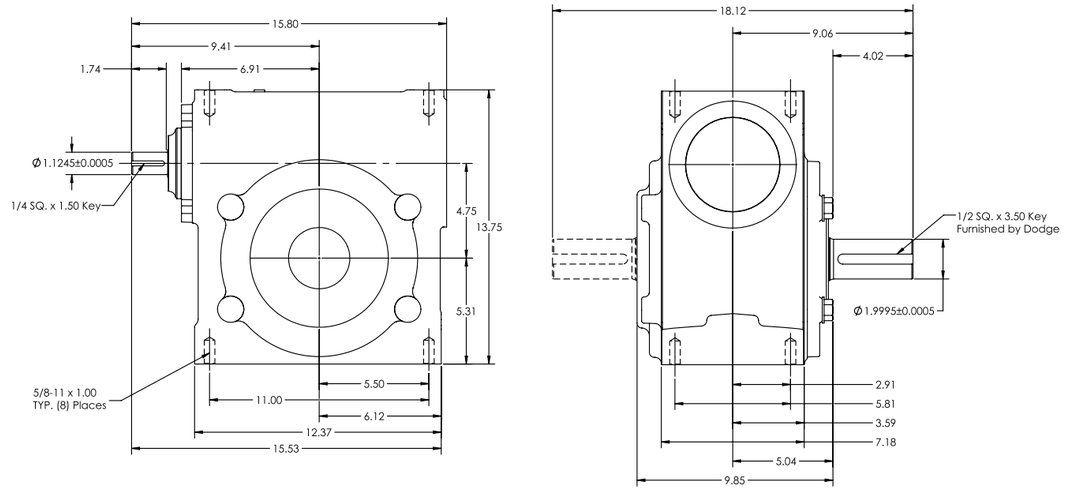
Tigear-2 reducers with separate input – Size 47

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Separate reducer	Shaft position*	Optional motor adapter kit 180TC	210TC	250TC
5	350	Mechanical input horsepower (hp)	30.44	47S05L	Left	—	4047MTR21	4047MTR25
		Thermal input horsepower (hp)	24.78	47S05R	Right			
		Output torque (lb-in)	5,169	47S05LR	Left/Right			
		Mechanical output horsepower (hp)	28.70	47S05H	Hollow			
		Output OHL (lb)	5,100	—	—			
7.5	233	Mechanical input horsepower (hp)	27.79	47S07L	Left	—	4047MTR21	4047MTR25
		Thermal input horsepower (hp)	22.00	47S07R	Right			
		Output torque (lb-in)	6,996	47S07LR	Left/Right			
		Mechanical output horsepower (hp)	25.90	47S07H	Hollow			
		Output OHL (lb)	5,600	—	—			
10	175	Mechanical input horsepower (hp)	24.45	47S10L	Left	—	4047MTR21	4047MTR25
		Thermal input horsepower (hp)	19.42	47S10R	Right			
		Output torque (lb-in)	8,110	47S10LR	Left/Right			
		Mechanical output horsepower (hp)	22.52	47S10H	Hollow			
		Output OHL (lb)	5,600	—	—			
15	117	Mechanical input horsepower (hp)	16.91	47S15L	Left	4047MTR18	4047MTR21	—
		Thermal input horsepower (hp)	15.54	47S15R	Right			
		Output torque (lb-in)	8,112	47S15LR	Left/Right			
		Mechanical output horsepower (hp)	15.02	47S15H	Hollow			
		Output OHL (lb)	5,600	—	—			
20	88	Mechanical input horsepower (hp)	12.96	47S20L	Left	4047MTR18	4047MTR21	—
		Thermal input horsepower (hp)	12.74	47S20R	Right			
		Output torque (lb-in)	7,972	47S20LR	Left/Right			
		Mechanical output horsepower (hp)	11.07	47S20H	Hollow			
		Output OHL (lb)	5,600	—	—			
25	70	Mechanical input horsepower (hp)	10.48	47S25L	Left	4047MTR18	4047MTR21	—
		Thermal input horsepower (hp)	10.18	47S25R	Right			
		Output torque (lb-in)	7,671	47S25LR	Left/Right			
		Mechanical output horsepower (hp)	8.52	47S25H	Hollow			
		Output OHL (lb)	5,600	—	—			
30	58	Mechanical input horsepower (hp)	9.52	47S30L	Left	4047MTR18	4047MTR21	—
		Thermal input horsepower (hp)	9.19	47S30R	Right			
		Output torque (lb-in)	8,198	47S30LR	Left/Right			
		Mechanical output horsepower (hp)	7.59	47S30H	Hollow			
		Output OHL (lb)	5,600	—	—			
40	44	Mechanical input horsepower (hp)	7.50	47S40L	Left	4047MTR18	4047MTR21	—
		Thermal input horsepower (hp)	7.10	47S40R	Right			
		Output torque (lb-in)	8,017	47S40LR	Left/Right			
		Mechanical output horsepower (hp)	5.57	47S40H	Hollow			
		Output OHL (lb)	5,600	—	—			
50	35	Mechanical input horsepower (hp)	6.22	47S50L	Left	4047MTR18	—	—
		Thermal input horsepower (hp)	5.73	47S50R	Right			
		Output torque (lb-in)	7,695	47S50LR	Left/Right			
		Mechanical output horsepower (hp)	4.27	47S50H	Hollow			
		Output OHL (lb)	5,600	—	—			
60	29	Mechanical input horsepower (hp)	5.54	47S60L	Left	—	—	—
		Thermal input horsepower (hp)	4.65	47S60R	Right			
		Output torque (lb-in)	7,638	47S60LR	Left/Right			
		Mechanical output horsepower (hp)	3.53	47S60H	Hollow			
		Output OHL (lb)	5,600	—	—			
All ratios		Input OHL (lb)	500	One diameter from seal surface				

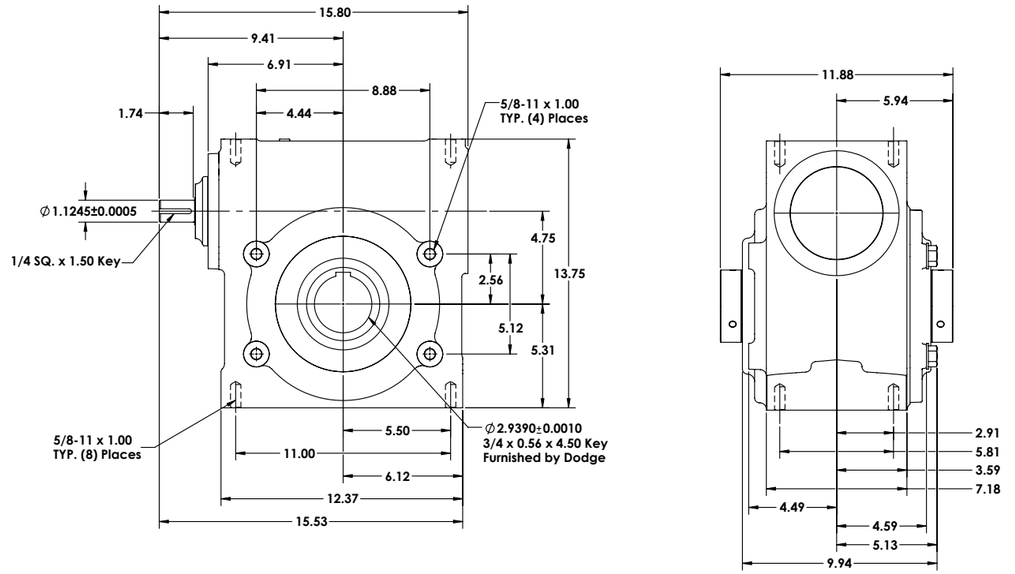
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 47BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with separate input – Size 47

Solid output



Hollow output



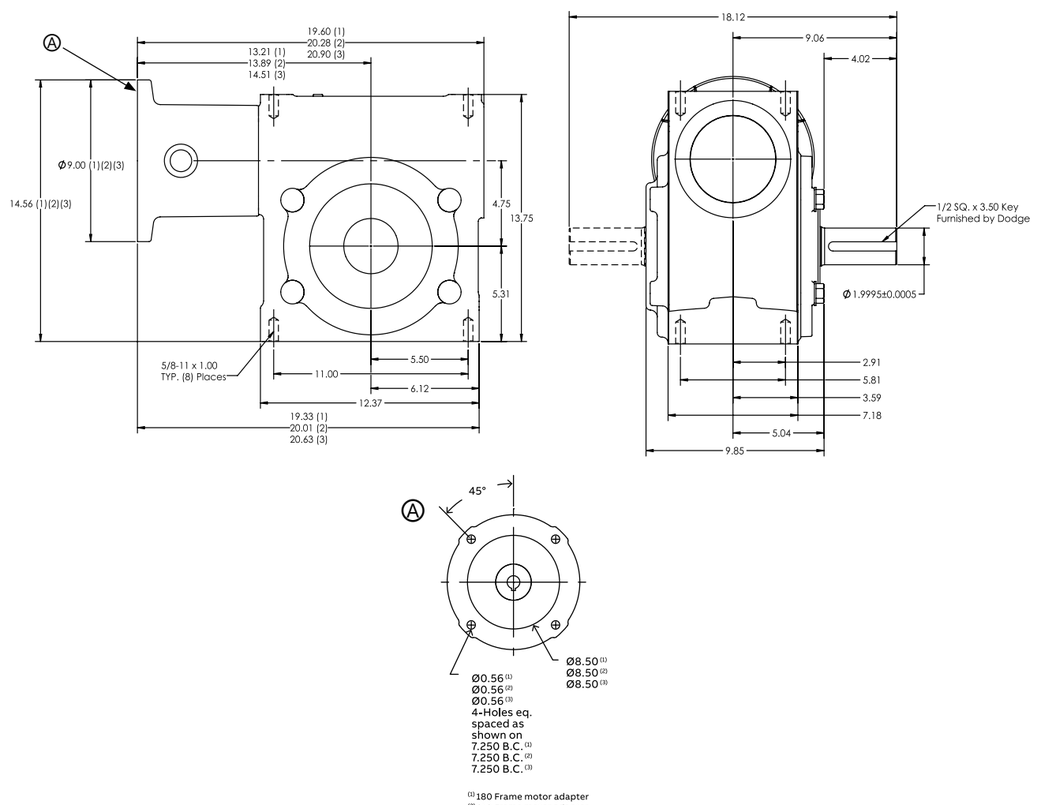
Tigear-2 reducers with three-piece coupled input – Size 47

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 180TC	210TC	250TC	Shaft position*
5	350	Mechanical input horsepower (hp)	30.44	—	—	47A05L25	Left
		Thermal input horsepower (hp)	24.78			47A05R25	Right
		Output torque (lb-in)	5,169			47A05LR25	Left/Right
		Mechanical output horsepower (hp)	28.70			47A05H25	Hollow
		Output OHL (lb)	5,100			—	—
7.5	233	Mechanical input horsepower (hp)	27.79	—	—	47A07L25	Left
		Thermal input horsepower (hp)	22.00			47A07R25	Right
		Output torque (lb-in)	6,996			47A07LR25	Left/Right
		Mechanical output horsepower (hp)	25.90			47A07H25	Hollow
		Output OHL (lb)	5,600			—	—
10	175	Mechanical input horsepower (hp)	24.45	—	47A10L21	47A10L25	Left
		Thermal input horsepower (hp)	19.42		47A10R21	47A10R25	Right
		Output torque (lb-in)	8,110		47A10LR21	47A10LR25	Left/Right
		Mechanical output horsepower (hp)	22.52		47A10H21	47A10H25	Hollow
		Output OHL (lb)	5,600		—	—	—
15	117	Mechanical input horsepower (hp)	16.91	—	47A15L21	47A15L25	Left
		Thermal input horsepower (hp)	15.54		47A15R21	47A15R25	Right
		Output torque (lb-in)	8,112		47A15LR21	47A15LR25	Left/Right
		Mechanical output horsepower (hp)	15.02		47A15H21	47A15H25	Hollow
		Output OHL (lb)	5,600		—	—	—
20	88	Mechanical input horsepower (hp)	12.96	—	47A20L21	—	Left
		Thermal input horsepower (hp)	12.74		47A20R21		Right
		Output torque (lb-in)	7,972		47A20LR21		Left/Right
		Mechanical output horsepower (hp)	11.07		47A20H21		Hollow
		Output OHL (lb)	5,600		—		—
25	70	Mechanical input horsepower (hp)	10.48	47A25L18	47A25L21	—	Left
		Thermal input horsepower (hp)	10.18	47A25R18	47A25R21		Right
		Output torque (lb-in)	7,671	47A25LR18	47A25LR21		Left/Right
		Mechanical output horsepower (hp)	8.52	47A25H18	47A25H21		Hollow
		Output OHL (lb)	5,600	—	—		—
30	58	Mechanical input horsepower (hp)	9.52	47A30L18	47A30L21	—	Left
		Thermal input horsepower (hp)	9.19	47A30R18	47A30R21		Right
		Output torque (lb-in)	8,198	47A30LR18	47A30LR21		Left/Right
		Mechanical output horsepower (hp)	7.59	47A30H18	47A30H21		Hollow
		Output OHL (lb)	5,600	—	—		—
40	44	Mechanical input horsepower (hp)	7.50	47A40L18	47A40L21	—	Left
		Thermal input horsepower (hp)	7.10	47A40R18	47A40R21		Right
		Output torque (lb-in)	8,017	47A40LR18	47A40LR21		Left/Right
		Mechanical output horsepower (hp)	5.57	47A40H18	47A40H21		Hollow
		Output OHL (lb)	5,600	—	—		—
50	35	Mechanical input horsepower (hp)	6.22	47A50L18	—	—	Left
		Thermal input horsepower (hp)	5.73	47A50R18			Right
		Output torque (lb-in)	7,695	47A50LR18			Left/Right
		Mechanical output horsepower (hp)	4.27	47A50H18			Hollow
		Output OHL (lb)	5,600	—			—
60	29	Mechanical input horsepower (hp)	5.54	47A60L18	—	—	Left
		Thermal input horsepower (hp)	4.65	47A60R18			Right
		Output torque (lb-in)	7,638	47A60LR18			Left/Right
		Mechanical output horsepower (hp)	3.53	47A60H18			Hollow
		Output OHL (lb)	5,600	—			—

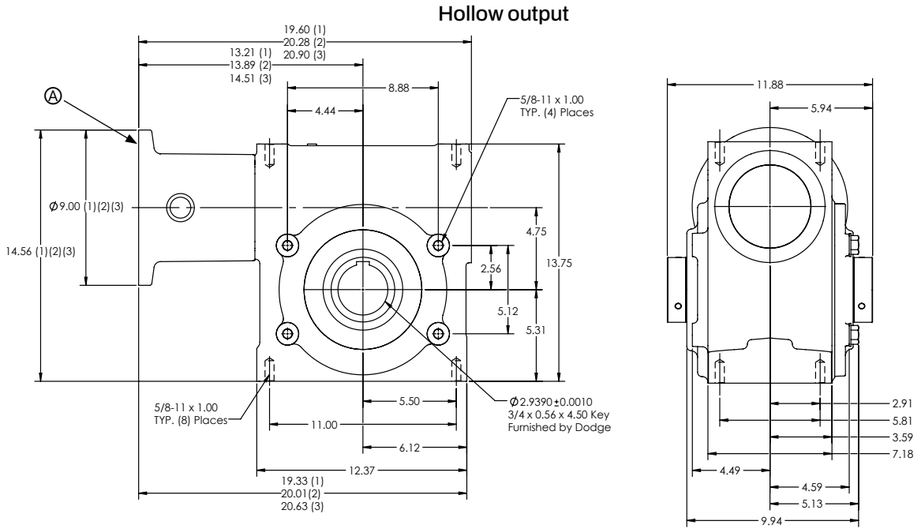
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 47BASE if required.
* For additional information on output shaft configurations, refer to the "How to order" section.

Tigear-2 reducers with three-piece coupled input – Size 47

Solid output



Hollow output



E-Z Kleen Tigear-2

General specification

The speed reducer shall be a single reduction worm gear reducer incorporating two input configurations that include quill style for direct attachment of electric motors, and a motor adapter style input that employs a three-piece coupling to connect electric motors to the reducer. These input configurations shall be available in both solid and hollow output shaft designs. The reducer shall be assembled and quality tested in the USA.

Gearing

Worm gear geometry shall be highly optimized for rating and efficiency and precision manufactured with a single enveloping design.

The worm shaft shall be hardened steel. The worm gear shall be a fine grain, copper-tin bronze - specially alloyed for superior durability and wear resistance. All units shall have the worm gear set properly centered during assembly to produce an optimum contact pattern.

Gear design and power transmission ratings conform to globally accepted rating standards.

Castings

The gear case and bearing housing shall be manufactured from Class 30 gray iron. The optional bolt-on base, motor flange and other accessories shall be available in either cast iron, aluminum, or steel. A riser block kit, designed for mounting to the top surface, shall be available to provide a method for avoiding a mounting arrangement that would position the input shaft below the level of the output shaft. The reducer shall be sealed with no direct passage from the oil sump to the ambient atmosphere, a closed system. This ventless design ensures no contamination of lubricant from the external environment.

Lubrication

The standard lubrication shall be a synthetic type that is suitable for USDA Class H1 environments. The manufacturer must state in writing that the lubrication shall require no periodic changing. Alternate synthetic lubricants made from the same base material as the standard shall be available to accommodate extreme temperature applications.

All reducers shall be factory-filled by the manufacturer with the proper volume of H1 synthetic lubricant so that the reducer can be applied in any approved mounting position without modifications to the reducer.

Bearings

Output shafts shall incorporate tapered roller bearings shimmed for proper running clearances and be designed for maximizing over hung load rating.

General specification

Sealing

Oil seals shall be made of premium materials. Seals made using nitrile or fluoroelastomer materials are not acceptable. Output seals shall be of two-piece design and capable of withstanding 1,450 psi liquid sprays without allowing liquid entry into the gear reducer.

Oil seals shall have a minimum temperature range of -40 °F to 300 °F (-40 °C to 149 °C).

All sealing-joints, except fill plug, shall be O-rings. Reducers shall incorporate no silicone rubber sealant of any kind.

Hardware

All fasteners shall be non-cavity stainless-steel. Motor mounting bolts and input/output keys shall be provided. No plastic plugs or fasteners shall be permitted.

External conditions

When properly service factored to account for the thermal limitations of the reducer, the standard construction shall be suitable for use in ambient temperatures from -20 °F to 120 °F.

The thermal ratings listed on ratings pages are based on the gear unit continuously operating in an ambient temperature of 75 °F. For the ambient condition above 75 °F, the derating factor needs to be applied to the thermal rating, or contact Dodge Application Engineering for assistance.

Severe washdown operating environments shall be addressed with a stainless-steel gear case incorporating stainless-steel hardware and stainless-steel output shaft.

Reducer must be tested and certified to meet IP69 for protection from high pressure washdowns.

Ratings and dimensions

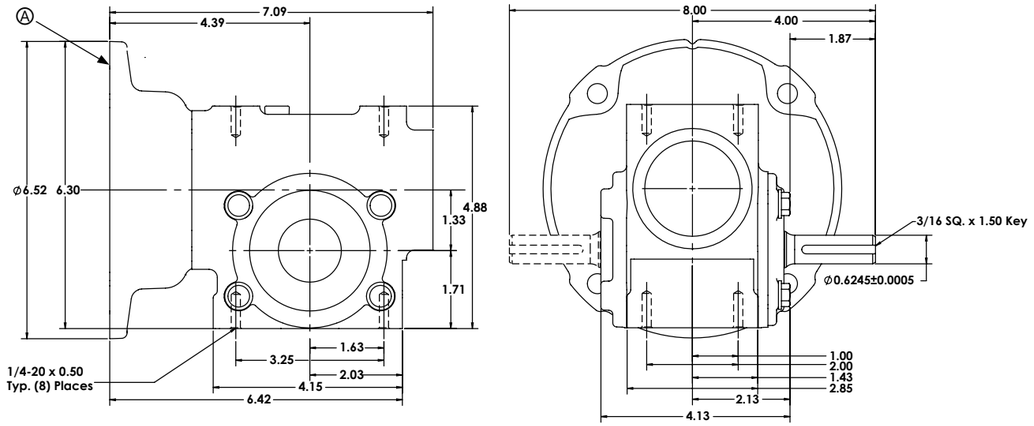
E-Z Kleen reducers with quill input – Size 13

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Shaft position*
5	350	Mechanical input horsepower (hp)	1.39	13QZ05L56	Left
		Thermal input horsepower (hp)	2.63	13QZ05R56	Right
		Output torque (lb-in)	231	13QZ05LR56	Left/Right
		Mechanical output horsepower (hp)	1.28	13QZ05H56	Hollow
		Output OHL (lb)	650	—	—
7.5	233	Mechanical input horsepower (hp)	1.28	13QZ07L56	Left
		Thermal input horsepower (hp)	2.72	13QZ07R56	Right
		Output torque (lb-in)	313	13QZ07LR56	Left/Right
		Mechanical output horsepower (hp)	1.16	13QZ07H56	Hollow
		Output OHL (lb)	650	—	—
10	175	Mechanical input horsepower (hp)	1.18	13QZ10L56	Left
		Thermal input horsepower (hp)	2.82	13QZ10R56	Right
		Output torque (lb-in)	375	13QZ10LR56	Left/Right
		Mechanical output horsepower (hp)	1.04	13QZ10H56	Hollow
		Output OHL (lb)	650	—	—
15	117	Mechanical input horsepower (hp)	0.89	13QZ15L56	Left
		Thermal input horsepower (hp)	3.03	13QZ15R56	Right
		Output torque (lb-in)	406	13QZ15LR56	Left/Right
		Mechanical output horsepower (hp)	0.75	13QZ15H56	Hollow
		Output OHL (lb)	650	—	—
20	88	Mechanical input horsepower (hp)	0.71	13QZ20L56	Left
		Thermal input horsepower (hp)	3.22	13QZ20R56	Right
		Output torque (lb-in)	405	13QZ20LR56	Left/Right
		Mechanical output horsepower (hp)	0.56	13QZ20H56	Hollow
		Output OHL (lb)	650	—	—
25	70	Mechanical input horsepower (hp)	0.53	13QZ25L56	Left
		Thermal input horsepower (hp)	2.84	13QZ25R56	Right
		Output torque (lb-in)	363	13QZ25LR56	Left/Right
		Mechanical output horsepower (hp)	0.40	13QZ25H56	Hollow
		Output OHL (lb)	650	—	—
30	58	Mechanical input horsepower (hp)	0.51	13QZ30L56	Left
		Thermal input horsepower (hp)	2.45	13QZ30R56	Right
		Output torque (lb-in)	410	13QZ30LR56	Left/Right
		Mechanical output horsepower (hp)	0.38	13QZ30H56	Hollow
		Output OHL (lb)	650	—	—
40	44	Mechanical input horsepower (hp)	0.40	13QZ40L56	Left
		Thermal input horsepower (hp)	2.04	13QZ40R56	Right
		Output torque (lb-in)	396	13QZ40LR56	Left/Right
		Mechanical output horsepower (hp)	0.28	13QZ40H56	Hollow
		Output OHL (lb)	650	—	—
50	35	Mechanical input horsepower (hp)	0.36	13QZ50L56	Left
		Thermal input horsepower (hp)	1.74	13QZ50R56	Right
		Output torque (lb-in)	408	13QZ50LR56	Left/Right
		Mechanical output horsepower (hp)	0.23	13QZ50H56	Hollow
		Output OHL (lb)	650	—	—
60	29	Mechanical input horsepower (hp)	0.25	13QZ60L56	Left
		Thermal input horsepower (hp)	1.50	13QZ60R56	Right
		Output torque (lb-in)	329	13QZ60LR56	Left/Right
		Mechanical output horsepower (hp)	0.15	13QZ60H56	Hollow
		Output OHL (lb)	650	—	—

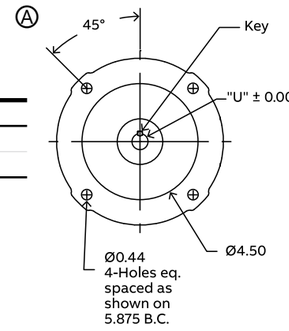
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 13ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with quill input – Size 13

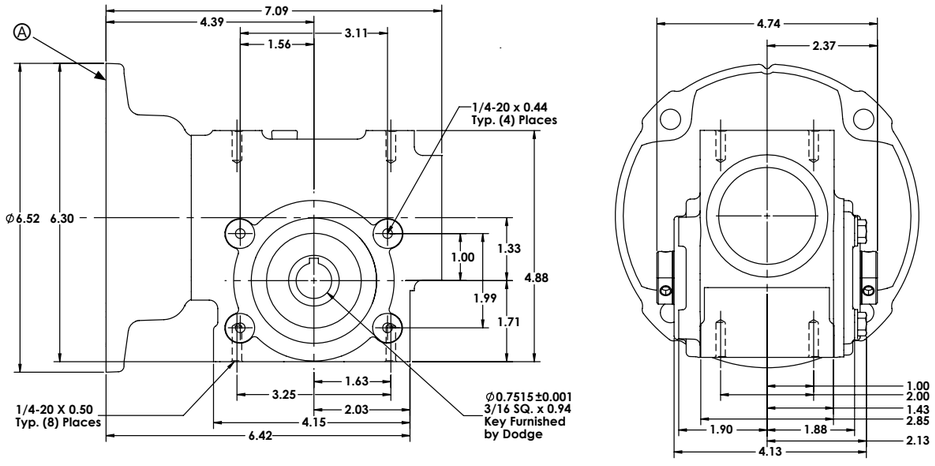
Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key



Hollow output



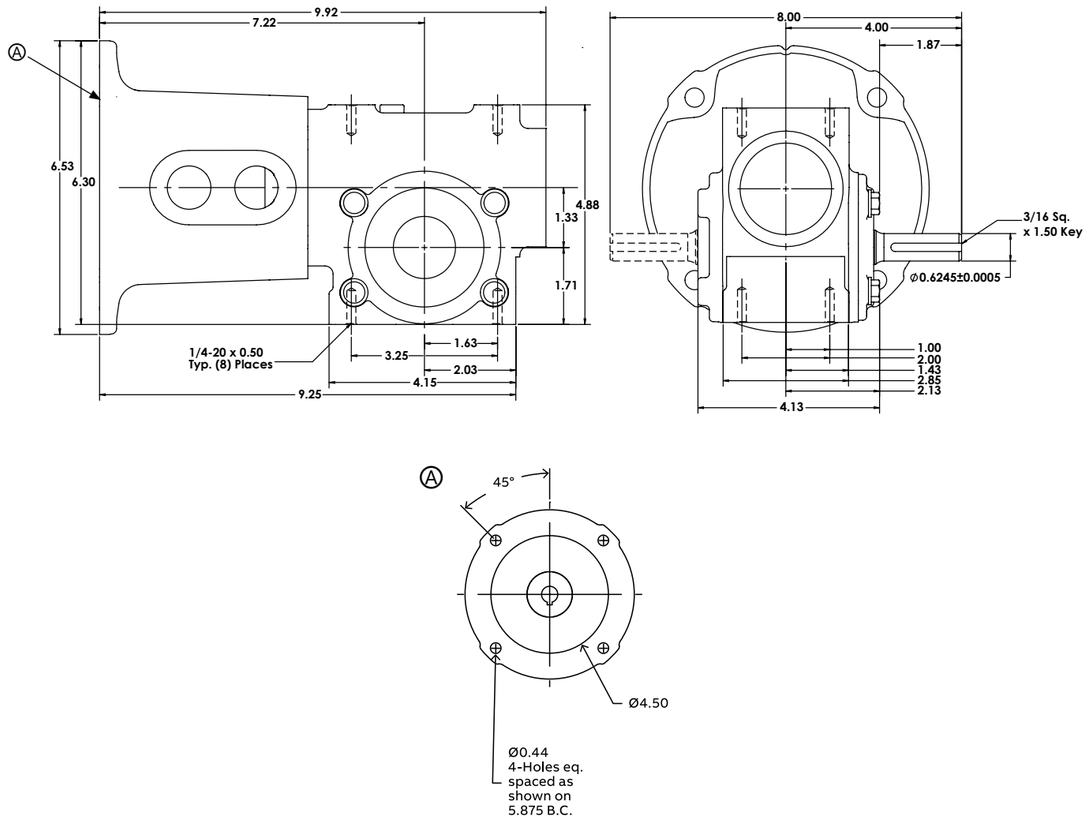
E-Z Kleen reducers with three-piece coupled – Size 13

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Shaft position*
5	350	Mechanical input horsepower (hp)	1.39	13AZ05L56	Left
		Thermal input horsepower (hp)	2.63	13AZ05R56	Right
		Output torque (lb-in)	231	13AZ05LR56	Left/Right
		Mechanical output horsepower (hp)	1.28	13AZ05H56	Hollow
		Output OHL (lb)	650	—	—
7.5	233	Mechanical input horsepower (hp)	1.28	13AZ07L56	Left
		Thermal input horsepower (hp)	2.72	13AZ07R56	Right
		Output torque (lb-in)	313	13AZ07LR56	Left/Right
		Mechanical output horsepower (hp)	1.16	13AZ07H56	Hollow
		Output OHL (lb)	650	—	—
10	175	Mechanical input horsepower (hp)	1.18	13AZ10L56	Left
		Thermal input horsepower (hp)	2.82	13AZ10R56	Right
		Output torque (lb-in)	375	13AZ10LR56	Left/Right
		Mechanical output horsepower (hp)	1.04	13AZ10H56	Hollow
		Output OHL (lb)	650	—	—
15	117	Mechanical input horsepower (hp)	0.89	13AZ15L56	Left
		Thermal input horsepower (hp)	3.03	13AZ15R56	Right
		Output torque (lb-in)	406	13AZ15LR56	Left/Right
		Mechanical output horsepower (hp)	0.75	13AZ15H56	Hollow
		Output OHL (lb)	650	—	—
20	88	Mechanical input horsepower (hp)	0.71	13AZ20L56	Left
		Thermal input horsepower (hp)	3.22	13AZ20R56	Right
		Output torque (lb-in)	405	13AZ20LR56	Left/Right
		Mechanical output horsepower (hp)	0.56	13AZ20H56	Hollow
		Output OHL (lb)	650	—	—
25	70	Mechanical input horsepower (hp)	0.53	13AZ25L56	Left
		Thermal input horsepower (hp)	2.84	13AZ25R56	Right
		Output torque (lb-in)	363	13AZ25LR56	Left/Right
		Mechanical output horsepower (hp)	0.40	13AZ25H56	Hollow
		Output OHL (lb)	650	—	—
30	58	Mechanical input horsepower (hp)	0.51	13AZ30L56	Left
		Thermal input horsepower (hp)	2.45	13AZ30R56	Right
		Output torque (lb-in)	410	13AZ30LR56	Left/Right
		Mechanical output horsepower (hp)	0.38	13AZ30H56	Hollow
		Output OHL (lb)	650	—	—
40	44	Mechanical input horsepower (hp)	0.40	13AZ40L56	Left
		Thermal input horsepower (hp)	2.04	13AZ40R56	Right
		Output torque (lb-in)	396	13AZ40LR56	Left/Right
		Mechanical output horsepower (hp)	0.28	13AZ40H56	Hollow
		Output OHL (lb)	650	—	—
50	35	Mechanical input horsepower (hp)	0.36	13AZ50L56	Left
		Thermal input horsepower (hp)	1.74	13AZ50R56	Right
		Output torque (lb-in)	408	13AZ50LR56	Left/Right
		Mechanical output horsepower (hp)	0.23	13AZ50H56	Hollow
		Output OHL (lb)	650	—	—
60	29	Mechanical input horsepower (hp)	0.25	13AZ60L56	Left
		Thermal input horsepower (hp)	1.50	13AZ60R56	Right
		Output torque (lb-in)	329	13AZ60LR56	Left/Right
		Mechanical output horsepower (hp)	0.15	13AZ60H56	Hollow
		Output OHL (lb)	650	—	—

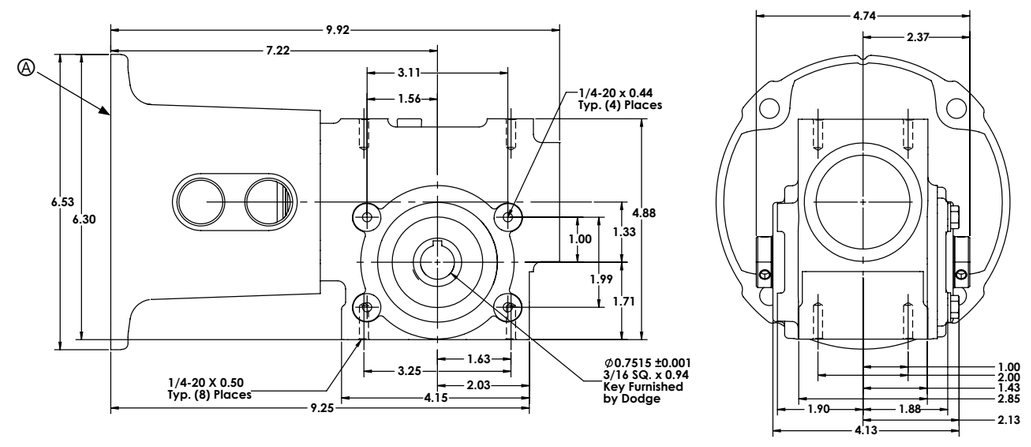
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 13ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with three-piece coupled – Size 13

Solid output



Hollow output



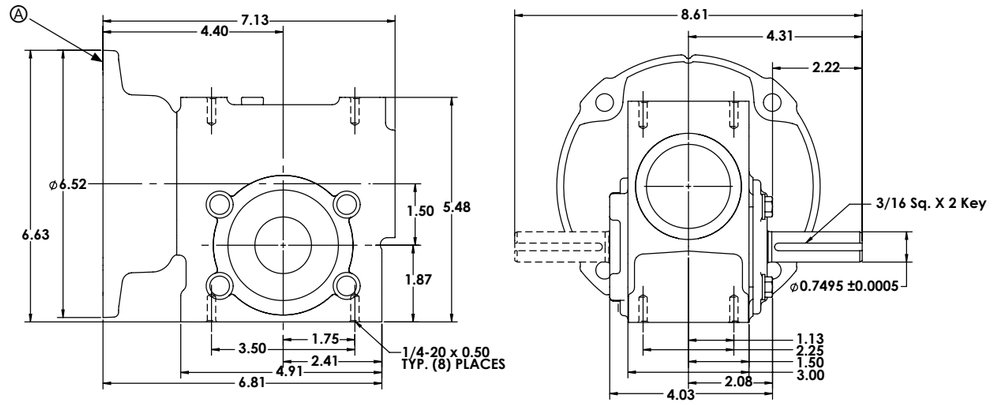
E-Z Kleen reducers with quill input – Size 15

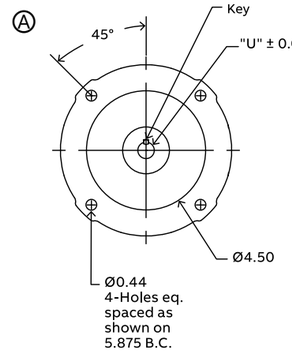
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Shaft position*
5	350	Mechanical input horsepower (hp)	1.97	15QZ05L56	Left
		Thermal input horsepower (hp)	3.46	15QZ05R56	Right
		Output torque (lb-in)	330	15QZ05LR56	Left/Right
		Mechanical output horsepower (hp)	1.83	15QZ05H56	Hollow
		Output OHL (lb)	710	—	—
7.5	233	Mechanical input horsepower (hp)	1.61	15QZ07L56	Left
		Thermal input horsepower (hp)	3.56	15QZ07R56	Right
		Output torque (lb-in)	391	15QZ07LR56	Left/Right
		Mechanical output horsepower (hp)	1.45	15QZ07H56	Hollow
		Output OHL (lb)	710	—	—
10	175	Mechanical input horsepower (hp)	1.51	15QZ10L56	Left
		Thermal input horsepower (hp)	3.69	15QZ10R56	Right
		Output torque (lb-in)	481	15QZ10LR56	Left/Right
		Mechanical output horsepower (hp)	1.34	15QZ10H56	Hollow
		Output OHL (lb)	710	—	—
15	117	Mechanical input horsepower (hp)	1.24	15QZ15L56	Left
		Thermal input horsepower (hp)	3.91	15QZ15R56	Right
		Output torque (lb-in)	569	15QZ15LR56	Left/Right
		Mechanical output horsepower (hp)	1.05	15QZ15H56	Hollow
		Output OHL (lb)	710	—	—
20	88	Mechanical input horsepower (hp)	0.95	15QZ20L56	Left
		Thermal input horsepower (hp)	3.37	15QZ20R56	Right
		Output torque (lb-in)	547	15QZ20LR56	Left/Right
		Mechanical output horsepower (hp)	0.76	15QZ20H56	Hollow
		Output OHL (lb)	710	—	—
25	70	Mechanical input horsepower (hp)	0.80	15QZ25L56	Left
		Thermal input horsepower (hp)	2.89	15QZ25R56	Right
		Output torque (lb-in)	552	15QZ25LR56	Left/Right
		Mechanical output horsepower (hp)	0.61	15QZ25H56	Hollow
		Output OHL (lb)	710	—	—
30	58	Mechanical input horsepower (hp)	0.76	15QZ30L56	Left
		Thermal input horsepower (hp)	2.46	15QZ30R56	Right
		Output torque (lb-in)	612	15QZ30LR56	Left/Right
		Mechanical output horsepower (hp)	0.57	15QZ30H56	Hollow
		Output OHL (lb)	710	—	—
40	44	Mechanical input horsepower (hp)	0.70	15QZ40L56	Left
		Thermal input horsepower (hp)	1.98	15QZ40R56	Right
		Output torque (lb-in)	713	15QZ40LR56	Left/Right
		Mechanical output horsepower (hp)	0.49	15QZ40H56	Hollow
		Output OHL (lb)	710	—	—
50	35	Mechanical input horsepower (hp)	0.47	15QZ50L56	Left
		Thermal input horsepower (hp)	1.64	15QZ50R56	Right
		Output torque (lb-in)	548	15QZ50LR56	Left/Right
		Mechanical output horsepower (hp)	0.30	15QZ50H56	Hollow
		Output OHL (lb)	710	—	—
60	29	Mechanical input horsepower (hp)	0.36	15QZ60L56	Left
		Thermal input horsepower (hp)	1.40	15QZ60R56	Right
		Output torque (lb-in)	483	15QZ60LR56	Left/Right
		Mechanical output horsepower (hp)	0.22	15QZ60H56	Hollow
		Output OHL (lb)	710	—	—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 15ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with quill input – Size 15

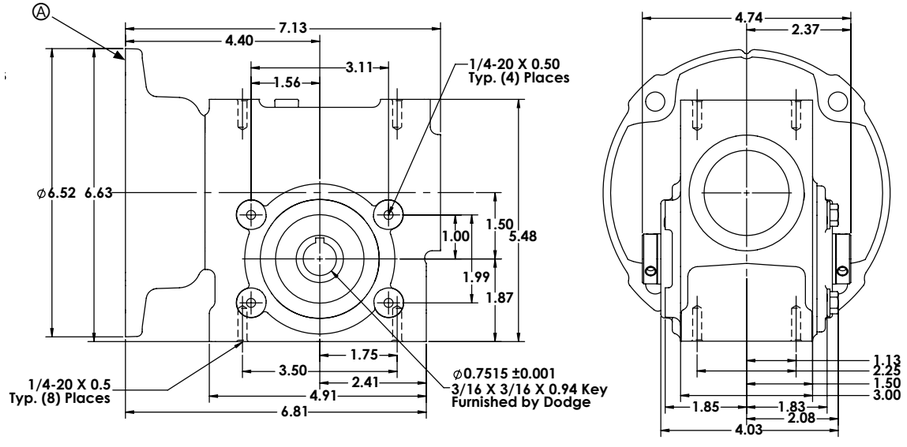
Solid output





Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key

Hollow output



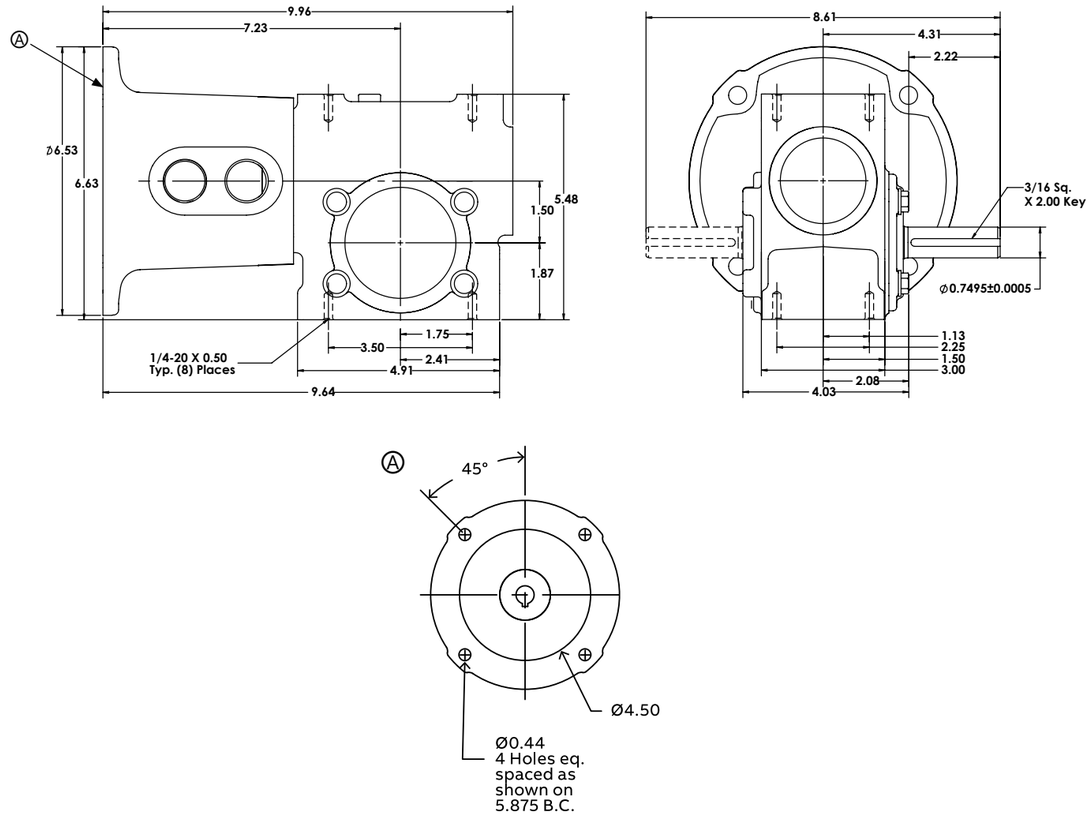
E-Z Kleen reducers with three-piece coupled – Size 15

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Shaft position*
5	350	Mechanical input horsepower (hp)	1.97	15AZ05L56	Left
		Thermal input horsepower (hp)	3.46	15AZ05R56	Right
		Output torque (lb-in)	330	15AZ05LR56	Left/Right
		Mechanical output horsepower (hp)	1.83	15AZ05H56	Hollow
		Output OHL (lb)	710	—	—
7.5	233	Mechanical input horsepower (hp)	1.61	15AZ07L56	Left
		Thermal input horsepower (hp)	3.56	15AZ07R56	Right
		Output torque (lb-in)	391	15AZ07LR56	Left/Right
		Mechanical output horsepower (hp)	1.45	15AZ07H56	Hollow
		Output OHL (lb)	710	—	—
10	175	Mechanical input horsepower (hp)	1.51	15AZ10L56	Left
		Thermal input horsepower (hp)	3.69	15AZ10R56	Right
		Output torque (lb-in)	481	15AZ10LR56	Left/Right
		Mechanical output horsepower (hp)	1.34	15AZ10H56	Hollow
		Output OHL (lb)	710	—	—
15	117	Mechanical input horsepower (hp)	1.24	15AZ15L56	Left
		Thermal input horsepower (hp)	3.91	15AZ15R56	Right
		Output torque (lb-in)	569	15AZ15LR56	Left/Right
		Mechanical output horsepower (hp)	1.05	15AZ15H56	Hollow
		Output OHL (lb)	710	—	—
20	88	Mechanical input horsepower (hp)	0.95	15AZ20L56	Left
		Thermal input horsepower (hp)	3.37	15AZ20R56	Right
		Output torque (lb-in)	547	15AZ20LR56	Left/Right
		Mechanical output horsepower (hp)	0.76	15AZ20H56	Hollow
		Output OHL (lb)	710	—	—
25	70	Mechanical input horsepower (hp)	0.80	15AZ25L56	Left
		Thermal input horsepower (hp)	2.89	15AZ25R56	Right
		Output torque (lb-in)	552	15AZ25LR56	Left/Right
		Mechanical output horsepower (hp)	0.61	15AZ25H56	Hollow
		Output OHL (lb)	710	—	—
30	58	Mechanical input horsepower (hp)	0.76	15AZ30L56	Left
		Thermal input horsepower (hp)	2.46	15AZ30R56	Right
		Output torque (lb-in)	612	15AZ30LR56	Left/Right
		Mechanical output horsepower (hp)	0.57	15AZ30H56	Hollow
		Output OHL (lb)	710	—	—
40	44	Mechanical input horsepower (hp)	0.70	15AZ40L56	Left
		Thermal input horsepower (hp)	1.98	15AZ40R56	Right
		Output torque (lb-in)	713	15AZ40LR56	Left/Right
		Mechanical output horsepower (hp)	0.49	15AZ40H56	Hollow
		Output OHL (lb)	710	—	—
50	35	Mechanical input horsepower (hp)	0.47	15AZ50L56	Left
		Thermal input horsepower (hp)	1.64	15AZ50R56	Right
		Output torque (lb-in)	548	15AZ50LR56	Left/Right
		Mechanical output horsepower (hp)	0.30	15AZ50H56	Hollow
		Output OHL (lb)	710	—	—
60	29	Mechanical input horsepower (hp)	0.36	15AZ60L56	Left
		Thermal input horsepower (hp)	1.40	15AZ60R56	Right
		Output torque (lb-in)	483	15AZ60LR56	Left/Right
		Mechanical output horsepower (hp)	0.22	15AZ60H56	Hollow
		Output OHL (lb)	710	—	—

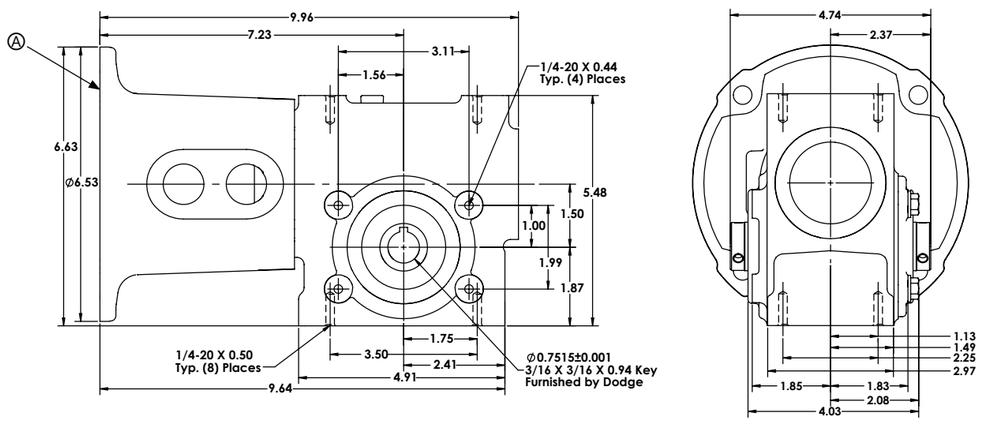
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 15ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with three-piece coupled – Size 15

Solid output



Hollow output



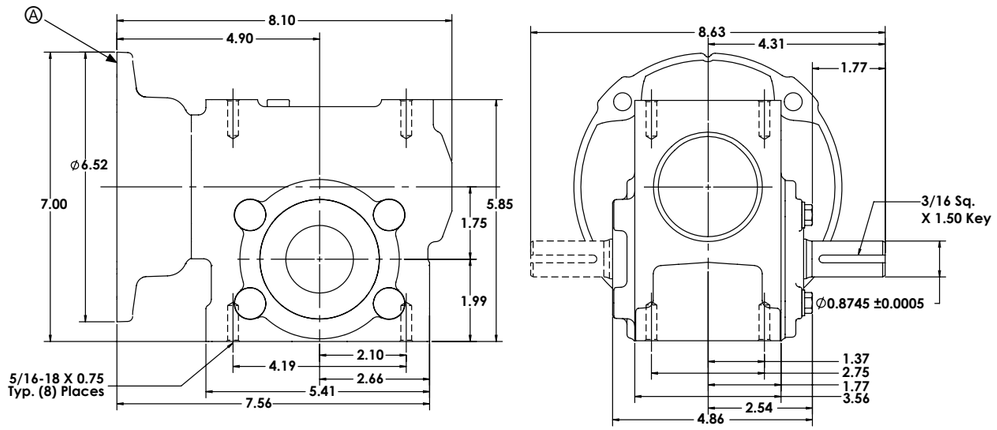
E-Z Kleen reducers with quill input – Size 17

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	2.65	17QZ05L56	17QZ05L14	Left
		Thermal input horsepower (hp)	5.44	17QZ05R56	17QZ05R14	Right
		Output torque (lb-in)	440	17QZ05LR56	17QZ05LR14	Left/Right
		Mechanical output horsepower (hp)	2.45	17QZ05H56	17QZ05H14	Hollow
		Output OHL (lb)	1,050	—	—	—
7.5	233	Mechanical input horsepower (hp)	2.37	17QZ07L56	17QZ07L14	Left
		Thermal input horsepower (hp)	4.98	17QZ07R56	17QZ07R14	Right
		Output torque (lb-in)	584	17QZ07LR56	17QZ07LR14	Left/Right
		Mechanical output horsepower (hp)	2.16	17QZ07H56	17QZ07H14	Hollow
		Output OHL (lb)	1,190	—	—	—
10	175	Mechanical input horsepower (hp)	2.12	17QZ10L56	17QZ10L14	Left
		Thermal input horsepower (hp)	4.55	17QZ10R56	17QZ10R14	Right
		Output torque (lb-in)	676	17QZ10LR56	17QZ10LR14	Left/Right
		Mechanical output horsepower (hp)	1.88	17QZ10H56	17QZ10H14	Hollow
		Output OHL (lb)	1,190	—	—	—
15	117	Mechanical input horsepower (hp)	1.77	17QZ15L56	17QZ15L14	Left
		Thermal input horsepower (hp)	3.97	17QZ15R56	17QZ15R14	Right
		Output torque (lb-in)	813	17QZ15LR56	17QZ15LR14	Left/Right
		Mechanical output horsepower (hp)	1.50	17QZ15H56	17QZ15H14	Hollow
		Output OHL (lb)	1,190	—	—	—
20	88	Mechanical input horsepower (hp)	1.52	17QZ20L56	17QZ20L14	Left
		Thermal input horsepower (hp)	3.53	17QZ20R56	17QZ20R14	Right
		Output torque (lb-in)	893	17QZ20LR56	17QZ20LR14	Left/Right
		Mechanical output horsepower (hp)	1.24	17QZ20H56	17QZ20H14	Hollow
		Output OHL (lb)	1,190	—	—	—
25	70	Mechanical input horsepower (hp)	1.20	17QZ25L56	17QZ25L14	Left
		Thermal input horsepower (hp)	2.92	17QZ25R56	17QZ25R14	Right
		Output torque (lb-in)	835	17QZ25LR56	17QZ25LR14	Left/Right
		Mechanical output horsepower (hp)	0.93	17QZ25H56	17QZ25H14	Hollow
		Output OHL (lb)	1,190	—	—	—
30	58	Mechanical input horsepower (hp)	1.06	17QZ30L56	17QZ30L14	Left
		Thermal input horsepower (hp)	2.46	17QZ30R56	17QZ30R14	Right
		Output torque (lb-in)	859	17QZ30LR56	17QZ30LR14	Left/Right
		Mechanical output horsepower (hp)	0.80	17QZ30H56	17QZ30H14	Hollow
		Output OHL (lb)	1,190	—	—	—
40	44	Mechanical input horsepower (hp)	0.85	17QZ40L56		Left
		Thermal input horsepower (hp)	1.88	17QZ40R56		Right
		Output torque (lb-in)	878	17QZ40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	17QZ40H56		Hollow
		Output OHL (lb)	1,190	—		—
50	35	Mechanical input horsepower (hp)	0.72	17QZ50L56		Left
		Thermal input horsepower (hp)	1.57	17QZ50R56		Right
		Output torque (lb-in)	865	17QZ50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	17QZ50H56		Hollow
		Output OHL (lb)	1,190	—		—
60	29	Mechanical input horsepower (hp)	0.51	17QZ60L56		Left
		Thermal input horsepower (hp)	1.30	17QZ60R56		Right
		Output torque (lb-in)	692	17QZ60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.32	17QZ60H56		Hollow
		Output OHL (lb)	1,190	—		—

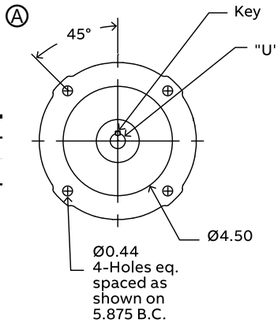
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 17ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with quill input – Size 17

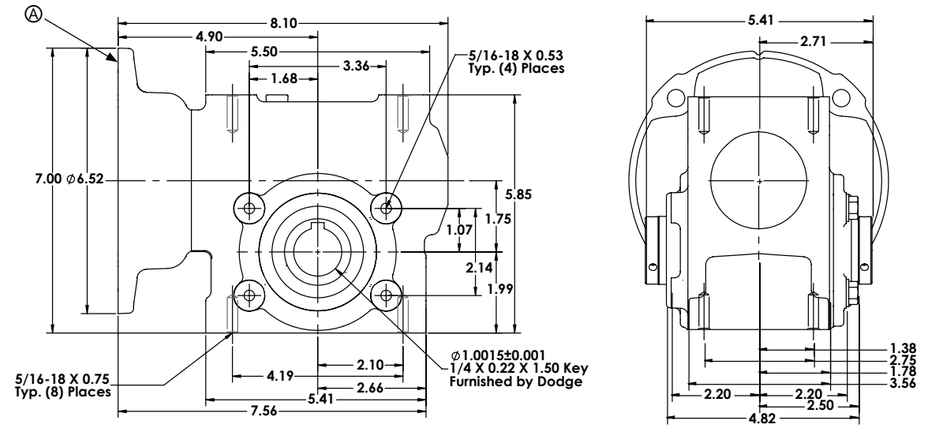
Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.88 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key



Hollow output



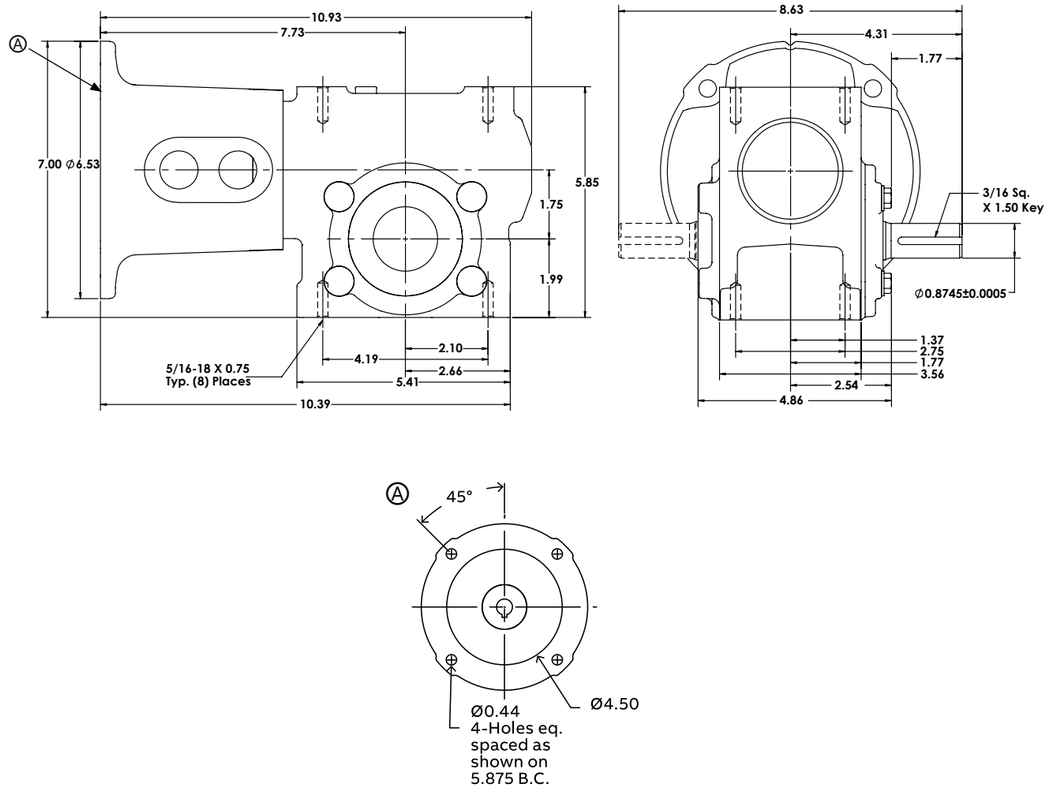
E-Z Kleen reducers with three-piece coupled – Size 17

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
5	350	Mechanical input horsepower (hp)	2.65	17AZ05L56	17AZ05L14	Left
		Thermal input horsepower (hp)	5.44	17AZ05R56	17AZ05R14	Right
		Output torque (lb-in)	440	17AZ05LR56	17AZ05LR14	Left/Right
		Mechanical output horsepower (hp)	2.45	17AZ05H56	17AZ05H14	Hollow
		Output OHL (lb)	1,050	—	—	—
7.5	233	Mechanical input horsepower (hp)	2.37	17AZ07L56	17AZ07L14	Left
		Thermal input horsepower (hp)	4.98	17AZ07R56	17AZ07R14	Right
		Output torque (lb-in)	584	17AZ07LR56	17AZ07LR14	Left/Right
		Mechanical output horsepower (hp)	2.16	17AZ07H56	17AZ07H14	Hollow
		Output OHL (lb)	1,190	—	—	—
10	175	Mechanical input horsepower (hp)	2.12	17AZ10L56	17AZ10L14	Left
		Thermal input horsepower (hp)	4.55	17AZ10R56	17AZ10R14	Right
		Output torque (lb-in)	676	17AZ10LR56	17AZ10LR14	Left/Right
		Mechanical output horsepower (hp)	1.88	17AZ10H56	17AZ10H14	Hollow
		Output OHL (lb)	1,190	—	—	—
15	117	Mechanical input horsepower (hp)	1.77	17AZ15L56	17AZ15L14	Left
		Thermal input horsepower (hp)	3.97	17AZ15R56	17AZ15R14	Right
		Output torque (lb-in)	813	17AZ15LR56	17AZ15LR14	Left/Right
		Mechanical output horsepower (hp)	1.50	17AZ15H56	17AZ15H14	Hollow
		Output OHL (lb)	1,190	—	—	—
20	88	Mechanical input horsepower (hp)	1.52	17AZ20L56	17AZ20L14	Left
		Thermal input horsepower (hp)	3.53	17AZ20R56	17AZ20R14	Right
		Output torque (lb-in)	893	17AZ20LR56	17AZ20LR14	Left/Right
		Mechanical output horsepower (hp)	1.24	17AZ20H56	17AZ20H14	Hollow
		Output OHL (lb)	1,190	—	—	—
25	70	Mechanical input horsepower (hp)	1.20	17AZ25L56	17AZ25L14	Left
		Thermal input horsepower (hp)	2.92	17AZ25R56	17AZ25R14	Right
		Output torque (lb-in)	835	17AZ25LR56	17AZ25LR14	Left/Right
		Mechanical output horsepower (hp)	0.93	17AZ25H56	17AZ25H14	Hollow
		Output OHL (lb)	1,190	—	—	—
30	58	Mechanical input horsepower (hp)	1.06	17AZ30L56	17AZ30L14	Left
		Thermal input horsepower (hp)	2.46	17AZ30R56	17AZ30R14	Right
		Output torque (lb-in)	859	17AZ30LR56	17AZ30LR14	Left/Right
		Mechanical output horsepower (hp)	0.80	17AZ30H56	17AZ30H14	Hollow
		Output OHL (lb)	1,190	—	—	—
40	44	Mechanical input horsepower (hp)	0.85	17AZ40L56		Left
		Thermal input horsepower (hp)	1.88	17AZ40R56		Right
		Output torque (lb-in)	878	17AZ40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	17AZ40H56		Hollow
		Output OHL (lb)	1,190	—		—
50	35	Mechanical input horsepower (hp)	0.72	17AZ50L56		Left
		Thermal input horsepower (hp)	1.57	17AZ50R56		Right
		Output torque (lb-in)	865	17AZ50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	17AZ50H56		Hollow
		Output OHL (lb)	1,190	—		—
60	29	Mechanical input horsepower (hp)	0.51	17AZ60L56		Left
		Thermal input horsepower (hp)	1.30	17AZ60R56		Right
		Output torque (lb-in)	692	17AZ60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.32	17AZ60H56		Hollow
		Output OHL (lb)	1,190	—		—

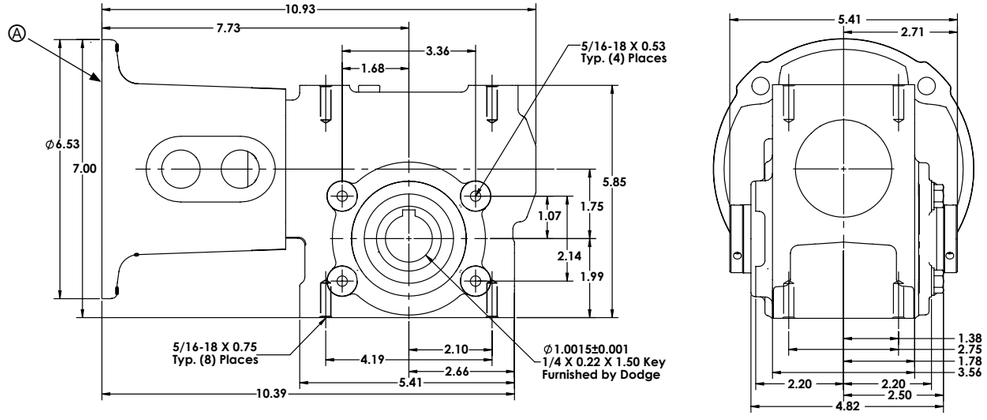
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 17ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with three-piece coupled – Size 17

Solid output



Hollow output



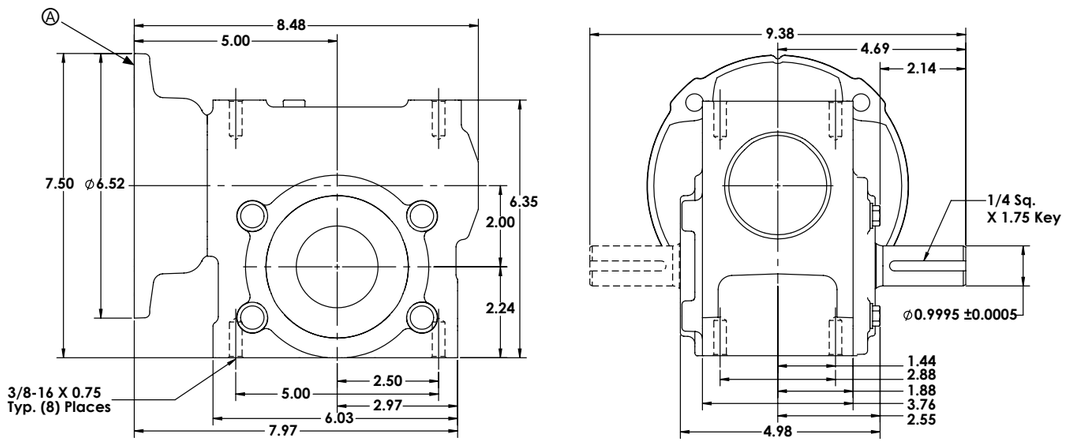
E-Z Kleen reducers with quill input – Size 20

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
4.1	438	Mechanical input horsepower (hp)	4.67	20QZ04L56	20QZ04L14	Left
		Thermal input horsepower (hp)	7.61	20QZ04R56	20QZ04R14	Right
		Output torque (lb-in)	625	20QZ04LR56	20QZ04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	20QZ04H56	20QZ04H14	Hollow
		Output OHL (lb)	1,380	20QZ04HA56	20QZ04HA14	Hollow alt.
5	350	Mechanical input horsepower (hp)	3.89	20QZ05L56	20QZ05L14	Left
		Thermal input horsepower (hp)	7.44	20QZ05R56	20QZ05R14	Right
		Output torque (lb-in)	652	20QZ05LR56	20QZ05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	20QZ05H56	20QZ05H14	Hollow
		Output OHL (lb)	1,380	20QZ05HA56	20QZ05HA14	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	3.50	20QZ07L56	20QZ07L14	Left
		Thermal input horsepower (hp)	6.39	20QZ07R56	20QZ07R14	Right
		Output torque (lb-in)	864	20QZ07LR56	20QZ07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	20QZ07H56	20QZ07H14	Hollow
		Output OHL (lb)	1,560	20QZ07HA56	20QZ07HA14	Hollow alt.
10	175	Mechanical input horsepower (hp)	3.13	20QZ10L56	20QZ10L14	Left
		Thermal input horsepower (hp)	5.47	20QZ10R56	20QZ10R14	Right
		Output torque (lb-in)	1,007	20QZ10LR56	20QZ10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	20QZ10H56	20QZ10H14	Hollow
		Output OHL (lb)	1,560	20QZ10HA56	20QZ10HA14	Hollow alt.
15	117	Mechanical input horsepower (hp)	2.30	20QZ15L56	20QZ15L14	Left
		Thermal input horsepower (hp)	4.37	20QZ15R56	20QZ15R14	Right
		Output torque (lb-in)	1,074	20QZ15LR56	20QZ15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	20QZ15H56	20QZ15H14	Hollow
		Output OHL (lb)	1,560	20QZ15HA56	20QZ15HA14	Hollow alt.
20	88	Mechanical input horsepower (hp)	1.77	20QZ20L56	20QZ20L14	Left
		Thermal input horsepower (hp)	3.62	20QZ20R56	20QZ20R14	Right
		Output torque (lb-in)	1,056	20QZ20LR56	20QZ20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	20QZ20H56	20QZ20H14	Hollow
		Output OHL (lb)	1,560	20QZ20HA56	20QZ20HA14	Hollow alt.
25	70	Mechanical input horsepower (hp)	1.52	20QZ25L56	20QZ25L14	Left
		Thermal input horsepower (hp)	2.82	20QZ25R56	20QZ25R14	Right
		Output torque (lb-in)	1,085	20QZ25LR56	20QZ25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	20QZ25H56	20QZ25H14	Hollow
		Output OHL (lb)	1,560	20QZ25HA56	20QZ25HA14	Hollow alt.
30	58	Mechanical input horsepower (hp)	1.30	20QZ30L56	20QZ30L14	Left
		Thermal input horsepower (hp)	2.36	20QZ30R56	20QZ30R14	Right
		Output torque (lb-in)	1,083	20QZ30LR56	20QZ30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	20QZ30H56	20QZ30H14	Hollow
		Output OHL (lb)	1,560	20QZ30HA56	20QZ30HA14	Hollow alt.
40	44	Mechanical input horsepower (hp)	1.06	20QZ40L56	20QZ40L14	Left
		Thermal input horsepower (hp)	1.78	20QZ40R56	20QZ40R14	Right
		Output torque (lb-in)	1,125	20QZ40LR56	20QZ40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	20QZ40H56	20QZ40H14	Hollow
		Output OHL (lb)	1,560	20QZ40HA56	20QZ40HA14	Hollow alt.
50	35	Mechanical input horsepower (hp)	0.82	20QZ50L56		Left
		Thermal input horsepower (hp)	1.46	20QZ50R56		Right
		Output torque (lb-in)	1,016	20QZ50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	20QZ50H56		Hollow
		Output OHL (lb)	1,560	20QZ50HA56		Hollow alt.
60	29	Mechanical input horsepower (hp)	0.75	20QZ60L56		Left
		Thermal input horsepower (hp)	1.25	20QZ60R56		Right
		Output torque (lb-in)	1,042	20QZ60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	20QZ60H56		Hollow
		Output OHL (lb)	1,560	20QZ60HA56		Hollow alt.

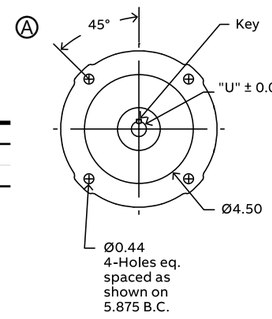
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 20ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

E-Z Kleen reducers with quill input – Size 20

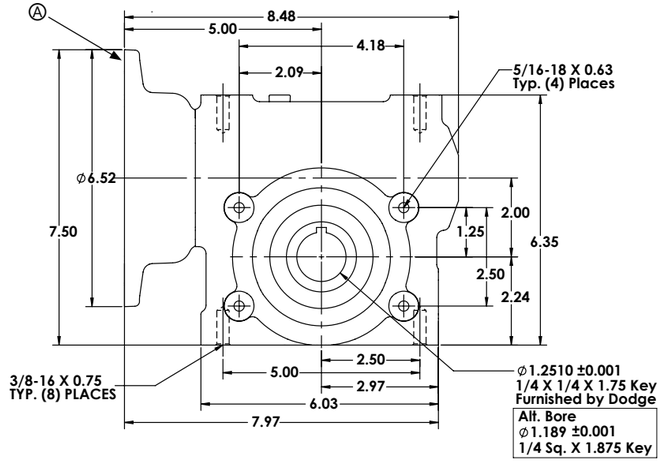
Solid output

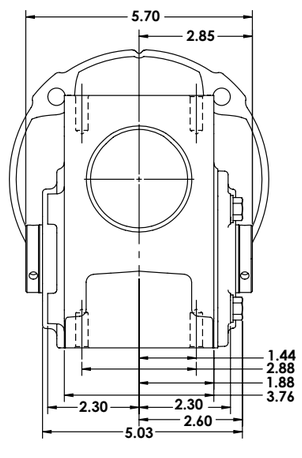


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.88 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key



Hollow output





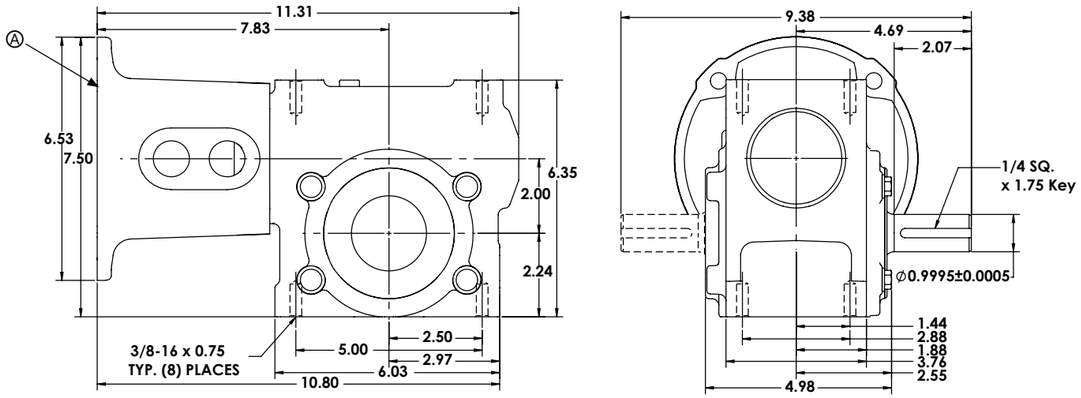
E-Z Kleen reducers with three-piece coupled – Size 20

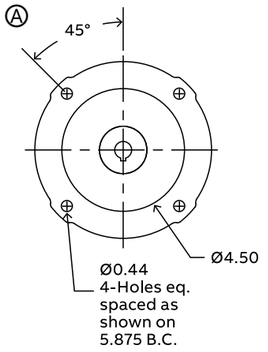
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position*
4.1	438	Mechanical input horsepower (hp)	4.67	20AZ04L56	20AZ04L14	Left
		Thermal input horsepower (hp)	7.61	20AZ04R56	20AZ04R14	Right
		Output torque (lb-in)	625	20AZ04LR56	20AZ04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	20AZ04H56	20AZ04H14	Hollow
		Output OHL (lb)	1,380	20AZ04HAZ56	20AZ04HAZ14	Hollow alt.
5	350	Mechanical input horsepower (hp)	3.89	20AZ05L56	20AZ05L14	Left
		Thermal input horsepower (hp)	7.44	20AZ05R56	20AZ05R14	Right
		Output torque (lb-in)	652	20AZ05LR56	20AZ05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	20AZ05H56	20AZ05H14	Hollow
		Output OHL (lb)	1,380	20AZ05HA56	20AZ05HA14	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	3.50	20AZ07L56	20AZ07L14	Left
		Thermal input horsepower (hp)	6.39	20AZ07R56	20AZ07R14	Right
		Output torque (lb-in)	864	20AZ07LR56	20AZ07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	20AZ07H56	20AZ07H14	Hollow
		Output OHL (lb)	1,560	20AZ07HA56	20AZ07HA14	Hollow alt.
10	175	Mechanical input horsepower (hp)	3.13	20AZ10L56	20AZ10L14	Left
		Thermal input horsepower (hp)	5.47	20AZ10R56	20AZ10R14	Right
		Output torque (lb-in)	1,007	20AZ10LR56	20AZ10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	20AZ10H56	20AZ10H14	Hollow
		Output OHL (lb)	1,560	20AZ10HA56	20AZ10HA14	Hollow alt.
15	117	Mechanical input horsepower (hp)	2.30	20AZ15L56	20AZ15L14	Left
		Thermal input horsepower (hp)	4.37	20AZ15R56	20AZ15R14	Right
		Output torque (lb-in)	1,074	20AZ15LR56	20AZ15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	20AZ15H56	20AZ15H14	Hollow
		Output OHL (lb)	1,560	20AZ15HA56	20AZ15HA14	Hollow alt.
20	88	Mechanical input horsepower (hp)	1.77	20AZ20L56	20AZ20L14	Left
		Thermal input horsepower (hp)	3.62	20AZ20R56	20AZ20R14	Right
		Output torque (lb-in)	1,056	20AZ20LR56	20AZ20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	20AZ20H56	20AZ20H14	Hollow
		Output OHL (lb)	1,560	20AZ20HA56	20AZ20HA14	Hollow alt.
25	70	Mechanical input horsepower (hp)	1.52	20AZ25L56	20AZ25L14	Left
		Thermal input horsepower (hp)	2.82	20AZ25R56	20AZ25R14	Right
		Output torque (lb-in)	1,085	20AZ25LR56	20AZ25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	20AZ25H56	20AZ25H14	Hollow
		Output OHL (lb)	1,560	20AZ25HA56	20AZ25HA14	Hollow alt.
30	58	Mechanical input horsepower (hp)	1.30	20AZ30L56	20AZ30L14	Left
		Thermal input horsepower (hp)	2.36	20AZ30R56	20AZ30R14	Right
		Output torque (lb-in)	1,083	20AZ30LR56	20AZ30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	20AZ30H56	20AZ30H14	Hollow
		Output OHL (lb)	1,560	20AZ30HA56	20AZ30HA14	Hollow alt.
40	44	Mechanical input horsepower (hp)	1.06	20AZ40L56	20AZ40L14	Left
		Thermal input horsepower (hp)	1.78	20AZ40R56	20AZ40R14	Right
		Output torque (lb-in)	1,125	20AZ40LR56	20AZ40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	20AZ40H56	20AZ40H14	Hollow
		Output OHL (lb)	1,560	20AZ40HA56	20AZ40HA14	Hollow alt.
50	35	Mechanical input horsepower (hp)	0.82	20AZ50L56		Left
		Thermal input horsepower (hp)	1.46	20AZ50R56		Right
		Output torque (lb-in)	1,016	20AZ50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	20AZ50H56		Hollow
		Output OHL (lb)	1,560	20AZ50HA56		Hollow alt.
60	29	Mechanical input horsepower (hp)	0.75	20AZ60L56		Left
		Thermal input horsepower (hp)	1.25	20AZ60R56		Right
		Output torque (lb-in)	1,042	20AZ60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	20AZ60H56		Hollow
		Output OHL (lb)	1,560	20AZ60HA56		Hollow alt.

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 20ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

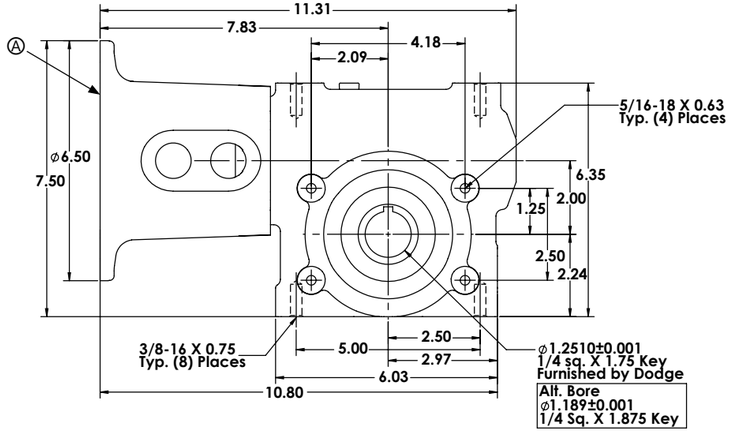
E-Z Kleen reducers with three-piece coupled – Size 20

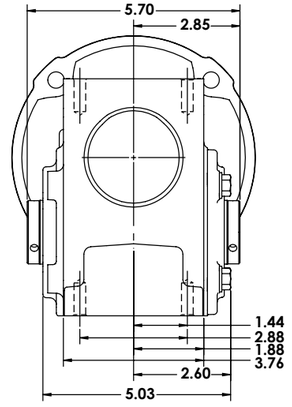
Solid output





Hollow output





E-Z Kleen reducers with quill input – Size 23

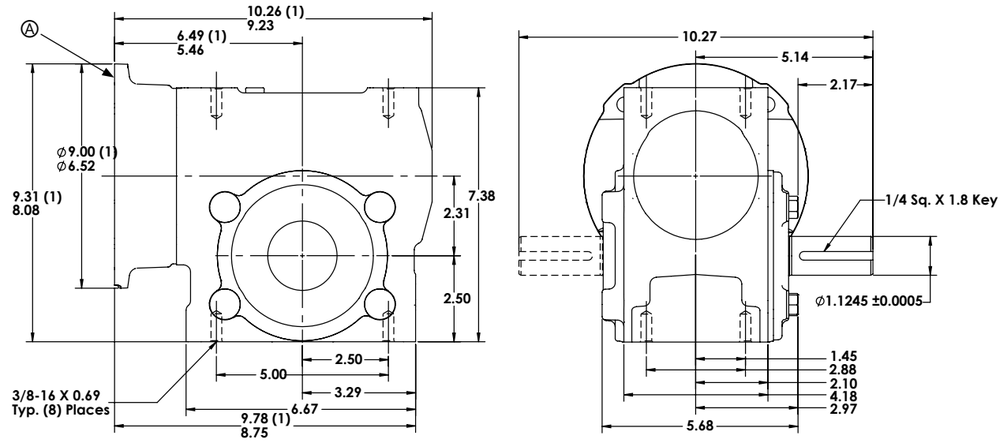
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
4.1	438	Mechanical input horsepower (hp)	7.28	23QZ04L56	23QZ04L14	23QZ04L18	Left
		Thermal input horsepower (hp)	11.05	23QZ04R56	23QZ04R14	23QZ04R18	Right
		Output torque (lb-in)	978	23QZ04LR56	23QZ04LR14	23QZ04LR18	Left/Right
		Mechanical output horsepower (hp)	6.79	23QZ04H56	23QZ04H14	23QZ04H18	Hollow
		Output OHL (lb)	1,330	23QZ04HA56	23QZ04HQZ14	23QZ04HQZ18	Hollow alt.
5	350	Mechanical input horsepower (hp)	5.66	23QZ05L56	23QZ05L14	23QZ05L18	Left
		Thermal input horsepower (hp)	10.51	23QZ05R56	23QZ05R14	23QZ05R18	Right
		Output torque (lb-in)	949	23QZ05LR56	23QZ05LR14	23QZ05LR18	Left/Right
		Mechanical output horsepower (hp)	5.27	23QZ05H56	23QZ05H14	23QZ05H18	Hollow
		Output OHL (lb)	1,330	23QZ05HA56	23QZ05HA14	23QZ05HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	4.96	23QZ07L56	23QZ07L14	23QZ07L18	Left
		Thermal input horsepower (hp)	8.75	23QZ07R56	23QZ07R14	23QZ07R18	Right
		Output torque (lb-in)	1,234	23QZ07LR56	23QZ07LR14	23QZ07LR18	Left/Right
		Mechanical output horsepower (hp)	4.57	23QZ07H56	23QZ07H14	23QZ07H18	Hollow
		Output OHL (lb)	1,520	23QZ07HA56	23QZ07HA14	23QZ07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	4.22	23QZ10L56	23QZ10L14	23QZ10L18	Left
		Thermal input horsepower (hp)	7.40	23QZ10R56	23QZ10R14	23QZ10R18	Right
		Output torque (lb-in)	1,365	23QZ10LR56	23QZ10LR14	23QZ10LR18	Left/Right
		Mechanical output horsepower (hp)	3.79	23QZ10H56	23QZ10H14	23QZ10H18	Hollow
		Output OHL (lb)	1,610	23QZ10HA56	23QZ10HA14	23QZ10HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	3.36	23QZ15L56	23QZ15L14	23QZ15L18	Left
		Thermal input horsepower (hp)	5.77	23QZ15R56	23QZ15R14	23QZ15R18	Right
		Output torque (lb-in)	1,568	23QZ15LR56	23QZ15LR14	23QZ15LR18	Left/Right
		Mechanical output horsepower (hp)	2.90	23QZ15H56	23QZ15H14	23QZ15H18	Hollow
		Output OHL (lb)	1,610	23QZ15HA56	23QZ15HA14	23QZ15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	2.61	23QZ20L56	23QZ20L14		Left
		Thermal input horsepower (hp)	4.61	23QZ20R56	23QZ20R14		Right
		Output torque (lb-in)	1,542	23QZ20LR56	23QZ20LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.14	23QZ20H56	23QZ20H14		Hollow
		Output OHL (lb)	1,610	23QZ20HA56	23QZ20HA14		Hollow alt.
25	70	Mechanical input horsepower (hp)	2.12	23QZ25L56	23QZ25L14		Left
		Thermal input horsepower (hp)	3.70	23QZ25R56	23QZ25R14		Right
		Output torque (lb-in)	1,527	23QZ25LR56	23QZ25LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.70	23QZ25H56	23QZ25H14		Hollow
		Output OHL (lb)	1,610	23QZ25HA56	23QZ25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	1.87	23QZ30L56	23QZ30L14		Left
		Thermal input horsepower (hp)	3.13	23QZ30R56	23QZ30R14		Right
		Output torque (lb-in)	1,580	23QZ30LR56	23QZ30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.46	23QZ30H56	23QZ30H14		Hollow
		Output OHL (lb)	1,610	23QZ30HA56	23QZ30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	1.51	23QZ40L56	23QZ40L14		Left
		Thermal input horsepower (hp)	2.39	23QZ40R56	23QZ40R14		Right
		Output torque (lb-in)	1,627	23QZ40LR56	23QZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.13	23QZ40H56	23QZ40H14		Hollow
		Output OHL (lb)	1,610	23QZ40HA56	23QZ40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.19	23QZ50L56	23QZ50L14		Left
		Thermal input horsepower (hp)	2.02	23QZ50R56	23QZ50R14		Right
		Output torque (lb-in)	1,489	23QZ50LR56	23QZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.83	23QZ50H56	23QZ50H14		Hollow
		Output OHL (lb)	1,610	23QZ50HA56	23QZ50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.07	23QZ60L56	23QZ60L14		Left
		Thermal input horsepower (hp)	1.68	23QZ60R56	23QZ60R14		Right
		Output torque (lb-in)	1,475	23QZ60LR56	23QZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.68	23QZ60H56	23QZ60H14		Hollow
		Output OHL (lb)	1,610	23QZ60HA56	23QZ60HA14		Hollow alt.

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 23ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

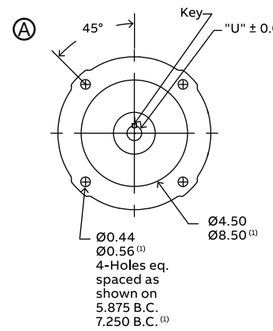
The output bore for hollow reducers listed above is 1-7/16". We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: 23QZ30H56BD104.

E-Z Kleen reducers with quill input – Size 23

Solid output

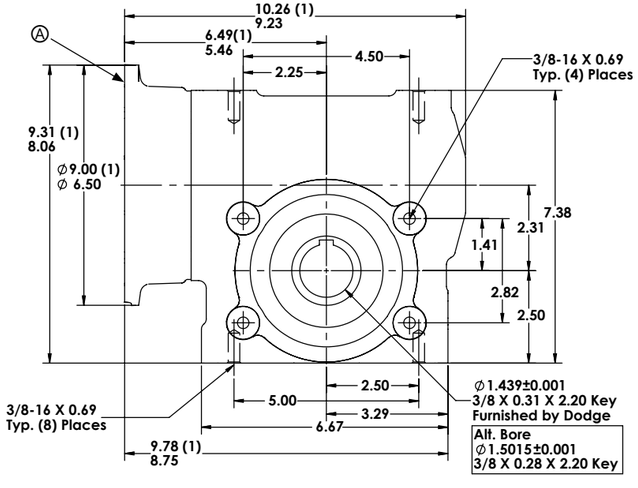


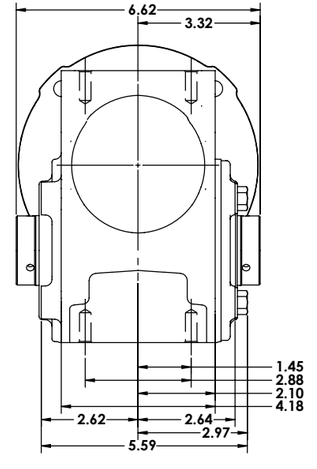
Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

Hollow output





E-Z Kleen reducers with three-piece coupled – Size 23

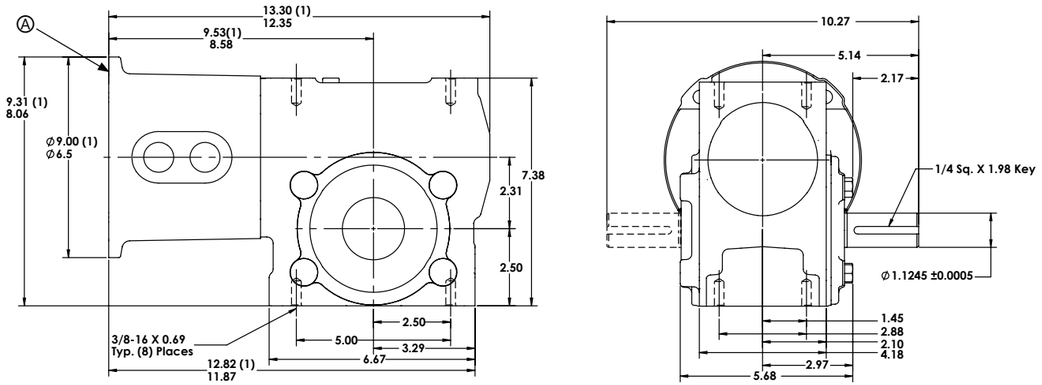
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
4.1	438	Mechanical input horsepower (hp)	7.28	23AZ04L56	23AZ04L14	23AZ04L18	Left
		Thermal input horsepower (hp)	11.05	23AZ04R56	23AZ04R14	23AZ04R18	Right
		Output torque (lb-in)	978	23AZ04LR56	23AZ04LR14	23AZ04LR18	Left/Right
		Mechanical output horsepower (hp)	6.79	23AZ04H56	23AZ04H14	23AZ04H18	Hollow
		Output OHL (lb)	1,330	23AZ04HAZ56	23AZ04HAZ14	23AZ04HAZ18	Hollow alt.
5	350	Mechanical input horsepower (hp)	5.66	23AZ05L56	23AZ05L14	23AZ05L18	Left
		Thermal input horsepower (hp)	10.51	23AZ05R56	23AZ05R14	23AZ05R18	Right
		Output torque (lb-in)	949	23AZ05LR56	23AZ05LR14	23AZ05LR18	Left/Right
		Mechanical output horsepower (hp)	5.27	23AZ05H56	23AZ05H14	23AZ05H18	Hollow
		Output OHL (lb)	1,330	23AZ05HA56	23AZ05HA14	23AZ05HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	4.96	23AZ07L56	23AZ07L14	23AZ07L18	Left
		Thermal input horsepower (hp)	8.75	23AZ07R56	23AZ07R14	23AZ07R18	Right
		Output torque (lb-in)	1,234	23AZ07LR56	23AZ07LR14	23AZ07LR18	Left/Right
		Mechanical output horsepower (hp)	4.57	23AZ07H56	23AZ07H14	23AZ07H18	Hollow
		Output OHL (lb)	1,520	23AZ07HA56	23AZ07HA14	23AZ07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	4.22	23AZ10L56	23AZ10L14	23AZ10L18	Left
		Thermal input horsepower (hp)	7.40	23AZ10R56	23AZ10R14	23AZ10R18	Right
		Output torque (lb-in)	1,365	23AZ10LR56	23AZ10LR14	23AZ10LR18	Left/Right
		Mechanical output horsepower (hp)	3.79	23AZ10H56	23AZ10H14	23AZ10H18	Hollow
		Output OHL (lb)	1,610	23AZ10HA56	23AZ10HA14	23AZ10HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	3.36	23AZ15L56	23AZ15L14	23AZ15L18	Left
		Thermal input horsepower (hp)	5.77	23AZ15R56	23AZ15R14	23AZ15R18	Right
		Output torque (lb-in)	1,568	23AZ15LR56	23AZ15LR14	23AZ15LR18	Left/Right
		Mechanical output horsepower (hp)	2.90	23AZ15H56	23AZ15H14	23AZ15H18	Hollow
		Output OHL (lb)	1,610	23AZ15HA56	23AZ15HA14	23AZ15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	2.61	23AZ20L56	23AZ20L14		Left
		Thermal input horsepower (hp)	4.61	23AZ20R56	23AZ20R14		Right
		Output torque (lb-in)	1,542	23AZ20LR56	23AZ20LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.14	23AZ20H56	23AZ20H14		Hollow
		Output OHL (lb)	1,610	23AZ20HA56	23AZ20HA14		Hollow alt.
25	70	Mechanical input horsepower (hp)	2.12	23AZ25L56	23AZ25L14		Left
		Thermal input horsepower (hp)	3.70	23AZ25R56	23AZ25R14		Right
		Output torque (lb-in)	1,527	23AZ25LR56	23AZ25LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.70	23AZ25H56	23AZ25H14		Hollow
		Output OHL (lb)	1,610	23AZ25HA56	23AZ25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	1.87	23AZ30L56	23AZ30L14		Left
		Thermal input horsepower (hp)	3.13	23AZ30R56	23AZ30R14		Right
		Output torque (lb-in)	1,580	23AZ30LR56	23AZ30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.46	23AZ30H56	23AZ30H14		Hollow
		Output OHL (lb)	1,610	23AZ30HA56	23AZ30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	1.51	23AZ40L56	23AZ40L14		Left
		Thermal input horsepower (hp)	2.39	23AZ40R56	23AZ40R14		Right
		Output torque (lb-in)	1,627	23AZ40LR56	23AZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.13	23AZ40H56	23AZ40H14		Hollow
		Output OHL (lb)	1,610	23AZ40HA56	23AZ40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.19	23AZ50L56	23AZ50L14		Left
		Thermal input horsepower (hp)	2.02	23AZ50R56	23AZ50R14		Right
		Output torque (lb-in)	1,489	23AZ50LR56	23AZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.83	23AZ50H56	23AZ50H14		Hollow
		Output OHL (lb)	1,610	23AZ50HA56	23AZ50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.07	23AZ60L56	23AZ60L14		Left
		Thermal input horsepower (hp)	1.68	23AZ60R56	23AZ60R14		Right
		Output torque (lb-in)	1,475	23AZ60LR56	23AZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.68	23AZ60H56	23AZ60H14		Hollow
		Output OHL (lb)	1,610	23AZ60HA56	23AZ60HA14		Hollow alt.

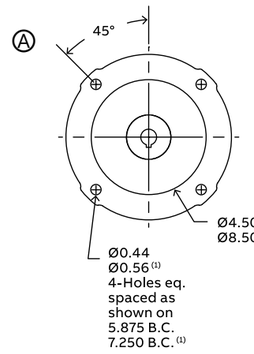
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 23ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

The output bore for hollow reducers listed above is 1-7/16". We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: 23AZ30H56BD104.

E-Z Kleen reducers with three-piece coupled – Size 23

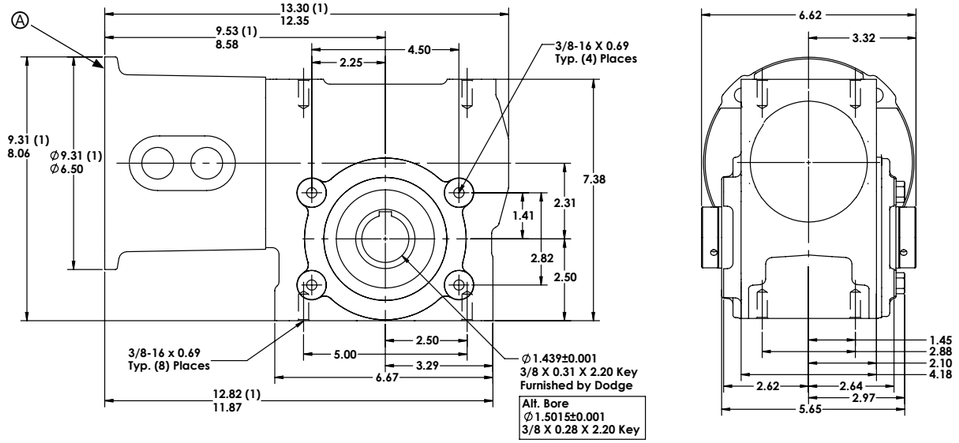
Solid output





(1) Frame motor adapter

Hollow output



E-Z Kleen reducers with quill input – Size 26

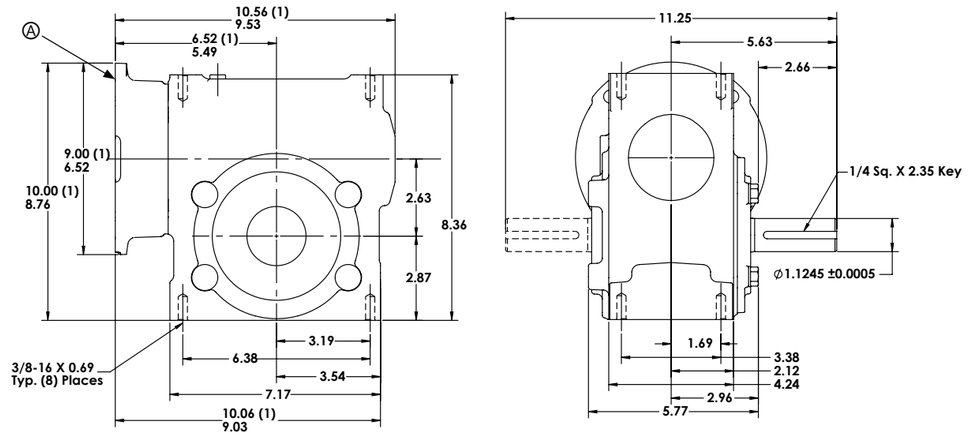
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	7.71	—	26QZ05L14	26QZ05L18	Left
		Thermal input horsepower (hp)	13.54		26QZ05R14	26QZ05R18	Right
		Output torque (lb-in)	1,305		26QZ05LR14	26QZ05LR18	Left/Right
		Mechanical output horsepower (hp)	7.25		26QZ05H14	26QZ05H18	Hollow
		Output OHL (lb)	1,330		26QZ05HA14	26QZ05HA18	Hollow alt.
6.5	269	Mechanical input horsepower (hp)	7.34	26QZ06L56	26QZ06L14	26QZ06L18	Left
		Thermal input horsepower (hp)	11.96	26QZ06R56	26QZ06R14	26QZ06R18	Right
		Output torque (lb-in)	1,594	26QZ06LR56	26QZ06LR14	26QZ06LR18	Left/Right
		Mechanical output horsepower (hp)	6.81	26QZ06H56	26QZ06H14	26QZ06H18	Hollow
		Output OHL (lb)	1,450	26QZ06HA56	26QZ06HQZ14	26QZ06HQZ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	6.98	26QZ07L56	26QZ07L14	26QZ07L18	Left
		Thermal input horsepower (hp)	11.15	26QZ07R56	26QZ07R14	26QZ07R18	Right
		Output torque (lb-in)	1,742	26QZ07LR56	26QZ07LR14	26QZ07LR18	Left/Right
		Mechanical output horsepower (hp)	6.45	26QZ07H56	26QZ07H14	26QZ07H18	Hollow
		Output OHL (lb)	1,520	26QZ07HA56	26QZ07HA14	26QZ07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	6.02	26QZ10L56	26QZ10L14	26QZ10L18	Left
		Thermal input horsepower (hp)	9.28	26QZ10R56	26QZ10R14	26QZ10R18	Right
		Output torque (lb-in)	1,962	26QZ10LR56	26QZ10LR14	26QZ10LR18	Left/Right
		Mechanical output horsepower (hp)	5.45	26QZ10H56	26QZ10H14	26QZ10H18	Hollow
		Output OHL (lb)	1,610	26QZ10HA56	26QZ10HA14	26QZ10HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	4.25	26QZ15L56	26QZ15L14	26QZ15L18	Left
		Thermal input horsepower (hp)	6.20	26QZ15R56	26QZ15R14	26QZ15R18	Right
		Output torque (lb-in)	2,004	26QZ15LR56	26QZ15LR14	26QZ15LR18	Left/Right
		Mechanical output horsepower (hp)	3.71	26QZ15H56	26QZ15H14	26QZ15H18	Hollow
		Output OHL (lb)	1,610	26QZ15HA56	26QZ15HA14	26QZ15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	3.38	26QZ20L56	26QZ20L14	26QZ20L18	Left
		Thermal input horsepower (hp)	5.41	26QZ20R56	26QZ20R14	26QZ20R18	Right
		Output torque (lb-in)	2,084	26QZ20LR56	26QZ20LR14	26QZ20LR18	Left/Right
		Mechanical output horsepower (hp)	2.89	26QZ20H56	26QZ20H14	26QZ20H18	Hollow
		Output OHL (lb)	1,610	26QZ20HA56	26QZ20HA14	26QZ20HA18	Hollow alt.
25	70	Mechanical input horsepower (hp)	2.71	26QZ25L56	26QZ25L14		Left
		Thermal input horsepower (hp)	4.49	26QZ25R56	26QZ25R14		Right
		Output torque (lb-in)	2,008	26QZ25LR56	26QZ25LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.23	26QZ25H56	26QZ25H14		Hollow
		Output OHL (lb)	1,610	26QZ25HA56	26QZ25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	2.51	26QZ30L56	26QZ30L14		Left
		Thermal input horsepower (hp)	3.96	26QZ30R56	26QZ30R14		Right
		Output torque (lb-in)	2,142	26QZ30LR56	26QZ30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.98	26QZ30H56	26QZ30H14		Hollow
		Output OHL (lb)	1,610	26QZ30HA56	26QZ30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	2.12	26QZ40L56	26QZ40L14		Left
		Thermal input horsepower (hp)	3.05	26QZ40R56	26QZ40R14		Right
		Output torque (lb-in)	2,306	26QZ40LR56	26QZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.60	26QZ40H56	26QZ40H14		Hollow
		Output OHL (lb)	1,610	26QZ40HA56	26QZ40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.61	26QZ50L56	26QZ50L14		Left
		Thermal input horsepower (hp)	2.59	26QZ50R56	26QZ50R14		Right
		Output torque (lb-in)	2,021	26QZ50LR56	26QZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.12	26QZ50H56	26QZ50H14		Hollow
		Output OHL (lb)	1,610	26QZ50HA56	26QZ50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.51	26QZ60L56	26QZ60L14		Left
		Thermal input horsepower (hp)	2.11	26QZ60R56	26QZ60R14		Right
		Output torque (lb-in)	2,176	26QZ60LR56	26QZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.01	26QZ60H56	26QZ60H14		Hollow
		Output OHL (lb)	1,610	26QZ60HA56	26QZ60HA14		Hollow alt.
80	22	Mechanical input horsepower (hp)	1.16	26QZ80L56			Left
		Thermal input horsepower (hp)	1.74	26QZ80R56			Right
		Output torque (lb-in)	2,161	26QZ80LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.75	26QZ80H56			Hollow
		Output OHL (lb)	1,610	26QZ80HA56			Hollow alt.
100	18	Mechanical input horsepower (hp)	0.77	26QZ100L56			Left
		Thermal input horsepower (hp)	1.07	26QZ100R56			Right
		Output torque (lb-in)	1,440	26QZ100LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.40	26QZ100H56			Hollow
		Output OHL (lb)	1,610	26QZ100HA56			Hollow alt.

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 26ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

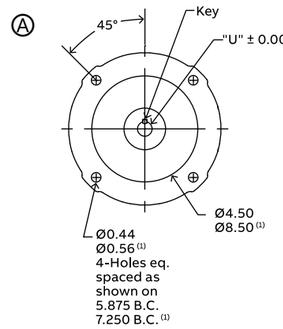
The output bore for hollow reducers listed above is 1-7/16". We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: 26QZ30H56BD104.

E-Z Kleen reducers with quill input – Size 26

Solid output

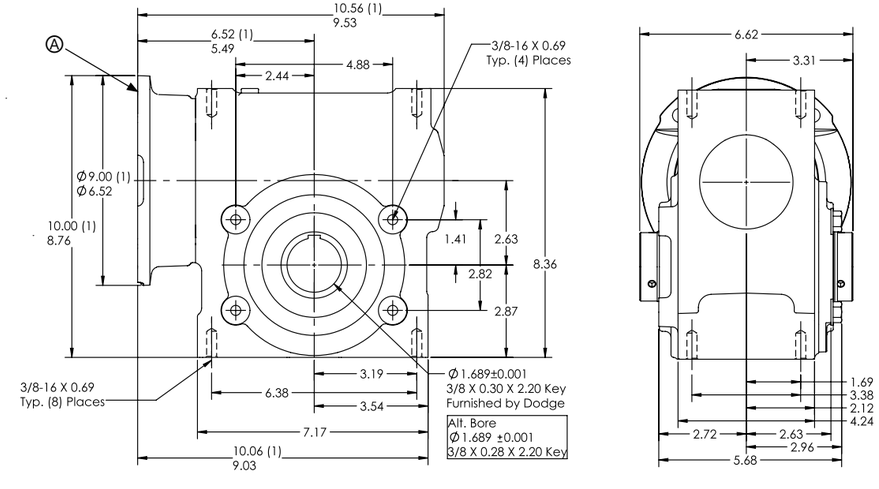


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

Hollow output



E-Z Kleen reducers with three-piece coupled – Size 26

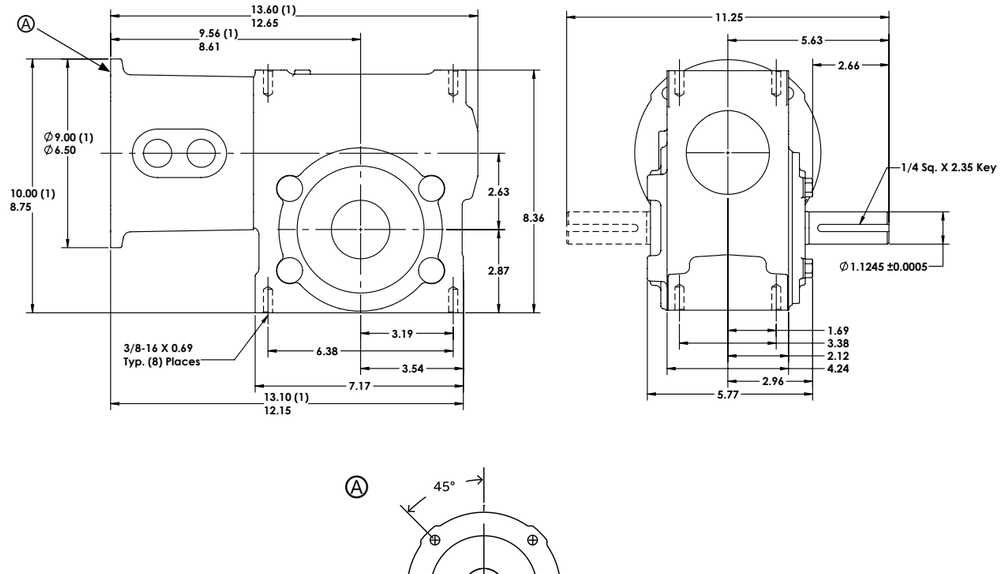
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	7.71	—	26AZ05L14	26AZ05L18	Left
		Thermal input horsepower (hp)	13.54		26AZ05R14	26AZ05R18	Right
		Output torque (lb-in)	1,305		26AZ05LR14	26AZ05LR18	Left/Right
		Mechanical output horsepower (hp)	7.25		26AZ05H14	26AZ05H18	Hollow
		Output OHL (lb)	1,330		26AZ05HA14	26AZ05HA18	Hollow alt.
6.5	269	Mechanical input horsepower (hp)	7.34	26AZ06L56	26AZ06L14	26AZ06L18	Left
		Thermal input horsepower (hp)	11.96	26AZ06R56	26AZ06R14	26AZ06R18	Right
		Output torque (lb-in)	1,594	26AZ06LR56	26AZ06LR14	26AZ06LR18	Left/Right
		Mechanical output horsepower (hp)	6.81	26AZ06H56	26AZ06H14	26AZ06H18	Hollow
		Output OHL (lb)	1,450	26AZ06HAZ56	26AZ06HAZ14	26AZ06HAZ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	6.98	26AZ07L56	26AZ07L14	26AZ07L18	Left
		Thermal input horsepower (hp)	11.15	26AZ07R56	26AZ07R14	26AZ07R18	Right
		Output torque (lb-in)	1,742	26AZ07LR56	26AZ07LR14	26AZ07LR18	Left/Right
		Mechanical output horsepower (hp)	6.45	26AZ07H56	26AZ07H14	26AZ07H18	Hollow
		Output OHL (lb)	1,520	26AZ07HA56	26AZ07HA14	26AZ07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	6.02	26AZ10L56	26AZ10L14	26AZ10L18	Left
		Thermal input horsepower (hp)	9.28	26AZ10R56	26AZ10R14	26AZ10R18	Right
		Output torque (lb-in)	1,962	26AZ10LR56	26AZ10LR14	26AZ10LR18	Left/Right
		Mechanical output horsepower (hp)	5.45	26AZ10H56	26AZ10H14	26AZ10H18	Hollow
		Output OHL (lb)	1,610	26AZ10HA56	26AZ10HA14	26AZ10HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	4.25	26AZ15L56	26AZ15L14	26AZ15L18	Left
		Thermal input horsepower (hp)	6.20	26AZ15R56	26AZ15R14	26AZ15R18	Right
		Output torque (lb-in)	2,004	26AZ15LR56	26AZ15LR14	26AZ15LR18	Left/Right
		Mechanical output horsepower (hp)	3.71	26AZ15H56	26AZ15H14	26AZ15H18	Hollow
		Output OHL (lb)	1,610	26AZ15HA56	26AZ15HA14	26AZ15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	3.38	26AZ20L56	26AZ20L14	26AZ20L18	Left
		Thermal input horsepower (hp)	5.41	26AZ20R56	26AZ20R14	26AZ20R18	Right
		Output torque (lb-in)	2,084	26AZ20LR56	26AZ20LR14	26AZ20LR18	Left/Right
		Mechanical output horsepower (hp)	2.89	26AZ20H56	26AZ20H14	26AZ20H18	Hollow
		Output OHL (lb)	1,610	26AZ20HA56	26AZ20HA14	26AZ20HA18	Hollow alt.
25	70	Mechanical input horsepower (hp)	2.71	26AZ25L56	26AZ25L14		Left
		Thermal input horsepower (hp)	4.49	26AZ25R56	26AZ25R14		Right
		Output torque (lb-in)	2,008	26AZ25LR56	26AZ25LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.23	26AZ25H56	26AZ25H14		Hollow
		Output OHL (lb)	1,610	26AZ25HA56	26AZ25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	2.51	26AZ30L56	26AZ30L14		Left
		Thermal input horsepower (hp)	3.96	26AZ30R56	26AZ30R14		Right
		Output torque (lb-in)	2,142	26AZ30LR56	26AZ30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.98	26AZ30H56	26AZ30H14		Hollow
		Output OHL (lb)	1,610	26AZ30HA56	26AZ30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	2.12	26AZ40L56	26AZ40L14		Left
		Thermal input horsepower (hp)	3.05	26AZ40R56	26AZ40R14		Right
		Output torque (lb-in)	2,306	26AZ40LR56	26AZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.60	26AZ40H56	26AZ40H14		Hollow
		Output OHL (lb)	1,610	26AZ40HA56	26AZ40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.61	26AZ50L56	26AZ50L14		Left
		Thermal input horsepower (hp)	2.59	26AZ50R56	26AZ50R14		Right
		Output torque (lb-in)	2,021	26AZ50LR56	26AZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.12	26AZ50H56	26AZ50H14		Hollow
		Output OHL (lb)	1,610	26AZ50HA56	26AZ50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.51	26AZ60L56	26AZ60L14		Left
		Thermal input horsepower (hp)	2.11	26AZ60R56	26AZ60R14		Right
		Output torque (lb-in)	2,176	26AZ60LR56	26AZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.01	26AZ60H56	26AZ60H14		Hollow
		Output OHL (lb)	1,610	26AZ60HA56	26AZ60HA14		Hollow alt.
80	22	Mechanical input horsepower (hp)	1.16	26AZ80L56			Left
		Thermal input horsepower (hp)	1.74	26AZ80R56			Right
		Output torque (lb-in)	2,161	26AZ80LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.75	26AZ80H56			Hollow
		Output OHL (lb)	1,610	26AZ80HAZ56			Hollow alt.
100	18	Mechanical input horsepower (hp)	0.77	26AZ100L56			Left
		Thermal input horsepower (hp)	1.07	26AZ100R56			Right
		Output torque (lb-in)	1,440	26AZ100LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.40	26AZ100H56			Hollow
		Output OHL (lb)	1,610	26AZ100HAZ56			Hollow alt.

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 26ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

The output bore for hollow reducers listed above is 1-7/16". We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: 26AZ30H56BD104.

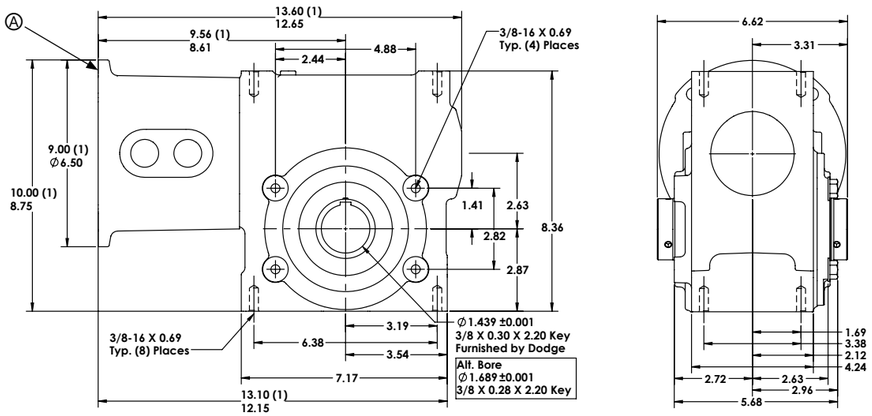
E-Z Kleen reducers with three-piece coupled – Size 26

Solid output



(1) Frame motor adapter

Hollow output



E-Z Kleen reducers with quill input – Size 30

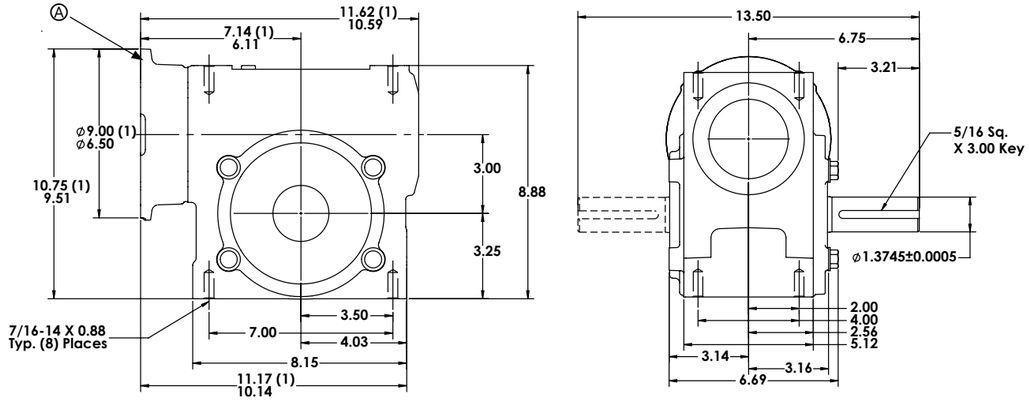
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	11.65	—	30QZ05L14	30QZ05L18	Left
		Thermal input horsepower (hp)	16.78		30QZ05R14	30QZ05R18	Right
		Output torque (lb-in)	1,987		30QZ05LR14	30QZ05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		30QZ05H14	30QZ05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
6.5	269	Mechanical input horsepower (hp)	10.96	—	30QZ06L14	30QZ06L18	Left
		Thermal input horsepower (hp)	15.06		30QZ06R14	30QZ06R18	Right
		Output torque (lb-in)	2,407		30QZ06LR14	30QZ06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		30QZ06H14	30QZ06H18	Hollow
		Output OHL (lb)	1,460		30QZ06HQZ14	30QZ06HQZ18	—
7.5	233	Mechanical input horsepower (hp)	10.42	—	30QZ07L14	30QZ07L18	Left
		Thermal input horsepower (hp)	14.17		30QZ07R14	30QZ07R18	Right
		Output torque (lb-in)	2,623		30QZ07LR14	30QZ07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		30QZ07H14	30QZ07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
10	175	Mechanical input horsepower (hp)	8.71	—	30QZ10L14	30QZ10L18	Left
		Thermal input horsepower (hp)	11.97		30QZ10R14	30QZ10R18	Right
		Output torque (lb-in)	2,876		30QZ10LR14	30QZ10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		30QZ10H14	30QZ10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
15	117	Mechanical input horsepower (hp)	7.04	—	30QZ15L14	30QZ15L18	Left
		Thermal input horsepower (hp)	8.85		30QZ15R14	30QZ15R18	Right
		Output torque (lb-in)	3,339		30QZ15LR14	30QZ15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		30QZ15H14	30QZ15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
20	88	Mechanical input horsepower (hp)	5.03	30QZ20L56	30QZ20L14	30QZ20L18	Left
		Thermal input horsepower (hp)	6.95	30QZ20R56	30QZ20R14	30QZ20R18	Right
		Output torque (lb-in)	3,101	30QZ20LR56	30QZ20LR14	30QZ20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	30QZ20H56	30QZ20H14	30QZ20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
25	70	Mechanical input horsepower (hp)	4.22	30QZ25L56	30QZ25L14	30QZ25L18	Left
		Thermal input horsepower (hp)	5.52	30QZ25R56	30QZ25R14	30QZ25R18	Right
		Output torque (lb-in)	3,165	30QZ25LR56	30QZ25LR14	30QZ25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	30QZ25H56	30QZ25H14	30QZ25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
30	58	Mechanical input horsepower (hp)	3.35	30QZ30L56	30QZ30L14	30QZ30L18	Left
		Thermal input horsepower (hp)	4.96	30QZ30R56	30QZ30R14	30QZ30R18	Right
		Output torque (lb-in)	2,950	30QZ30LR56	30QZ30LR14	30QZ30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	30QZ30H56	30QZ30H14	30QZ30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
40	44	Mechanical input horsepower (hp)	2.60	30QZ40L56	30QZ40L14		Left
		Thermal input horsepower (hp)	3.74	30QZ40R56	30QZ40R14		Right
		Output torque (lb-in)	2,884	30QZ40LR56	30QZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	30QZ40H56	30QZ40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
50	35	Mechanical input horsepower (hp)	2.16	30QZ50L56	30QZ50L14		Left
		Thermal input horsepower (hp)	3.12	30QZ50R56	30QZ50R14		Right
		Output torque (lb-in)	2,777	30QZ50LR56	30QZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	30QZ50H56	30QZ50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
60	29	Mechanical input horsepower (hp)	2.11	30QZ60L56	30QZ60L14		Left
		Thermal input horsepower (hp)	2.67	30QZ60R56	30QZ60R14		Right
		Output torque (lb-in)	3,009	30QZ60LR56	30QZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.39	30QZ60H56	30QZ60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

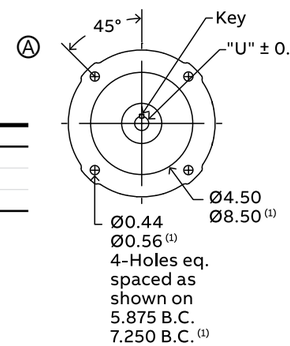
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 30ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

The output bore for hollow reducers listed above is 1-15/16". We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: 30QZ30H56BD104

E-Z Kleen reducers with quill input – Size 30

Solid output

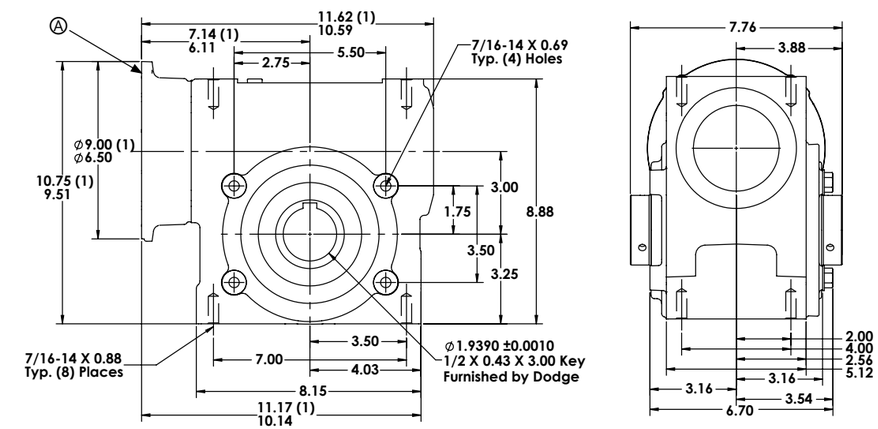




Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key

(1) 180 Frame motor adapter

Hollow output



E-Z Kleen reducers with three-piece coupled – Size 30

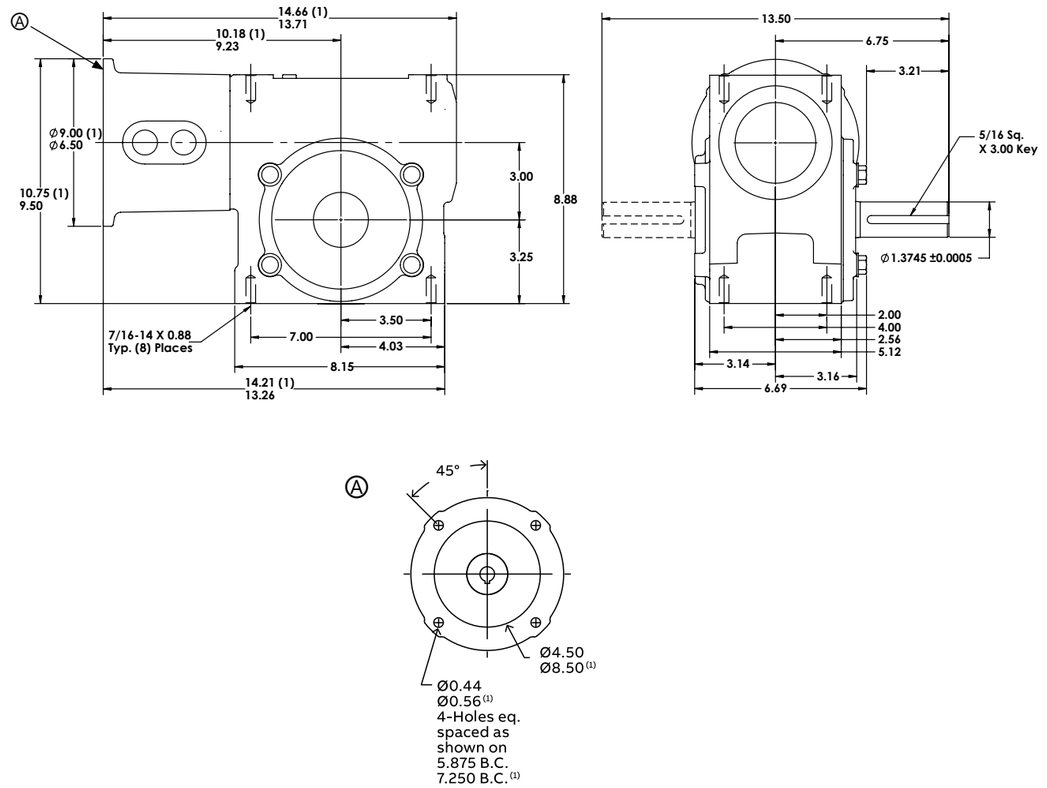
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	11.65	—	30AZ05L14	30AZ05L18	Left
		Thermal input horsepower (hp)	16.78		30AZ05R14	30AZ05R18	Right
		Output torque (lb-in)	1,987		30AZ05LR14	30AZ05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		30AZ05H14	30AZ05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
6.5	269	Mechanical input horsepower (hp)	10.96	—	30AZ06L14	30AZ06L18	Left
		Thermal input horsepower (hp)	15.06		30AZ06R14	30AZ06R18	Right
		Output torque (lb-in)	2,407		30AZ06LR14	30AZ06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		30AZ06H14	30AZ06H18	Hollow
		Output OHL (lb)	1,460		30AZ06HAZ14	30AZ06HAZ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	10.42	—	30AZ07L14	30AZ07L18	Left
		Thermal input horsepower (hp)	14.17		30AZ07R14	30AZ07R18	Right
		Output torque (lb-in)	2,623		30AZ07LR14	30AZ07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		30AZ07H14	30AZ07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
10	175	Mechanical input horsepower (hp)	8.71	—	30AZ10L14	30AZ10L18	Left
		Thermal input horsepower (hp)	11.97		30AZ10R14	30AZ10R18	Right
		Output torque (lb-in)	2,876		30AZ10LR14	30AZ10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		30AZ10H14	30AZ10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
15	117	Mechanical input horsepower (hp)	7.04	—	30AZ15L14	30AZ15L18	Left
		Thermal input horsepower (hp)	8.85		30AZ15R14	30AZ15R18	Right
		Output torque (lb-in)	3,339		30AZ15LR14	30AZ15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		30AZ15H14	30AZ15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
20	88	Mechanical input horsepower (hp)	5.03	30AZ20L56	30AZ20L14	30AZ20L18	Left
		Thermal input horsepower (hp)	6.95	30AZ20R56	30AZ20R14	30AZ20R18	Right
		Output torque (lb-in)	3,101	30AZ20LR56	30AZ20LR14	30AZ20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	30AZ20H56	30AZ20H14	30AZ20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
25	70	Mechanical input horsepower (hp)	4.22	30AZ25L56	30AZ25L14	30AZ25L18	Left
		Thermal input horsepower (hp)	5.52	30AZ25R56	30AZ25R14	30AZ25R18	Right
		Output torque (lb-in)	3,165	30AZ25LR56	30AZ25LR14	30AZ25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	30AZ25H56	30AZ25H14	30AZ25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
30	58	Mechanical input horsepower (hp)	3.35	30AZ30L56	30AZ30L14	30AZ30L18	Left
		Thermal input horsepower (hp)	4.96	30AZ30R56	30AZ30R14	30AZ30R18	Right
		Output torque (lb-in)	2,950	30AZ30LR56	30AZ30LR14	30AZ30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	30AZ30H56	30AZ30H14	30AZ30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
40	44	Mechanical input horsepower (hp)	2.60	30AZ40L56	30AZ40L14		Left
		Thermal input horsepower (hp)	3.74	30AZ40R56	30AZ40R14		Right
		Output torque (lb-in)	2,884	30AZ40LR56	30AZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	30AZ40H56	30AZ40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
50	35	Mechanical input horsepower (hp)	2.16	30AZ50L56	30AZ50L14		Left
		Thermal input horsepower (hp)	3.12	30AZ50R56	30AZ50R14		Right
		Output torque (lb-in)	2,777	30AZ50LR56	30AZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	30AZ50H56	30AZ50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
60	29	Mechanical input horsepower (hp)	2.11	30AZ60L56	30AZ60L14		Left
		Thermal input horsepower (hp)	2.67	30AZ60R56	30AZ60R14		Right
		Output torque (lb-in)	3,009	30AZ60LR56	30AZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.39	30AZ60H56	30AZ60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 30ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

The output bore for hollow reducers listed above is 1-15/16". We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: 30AZ30H56BD104

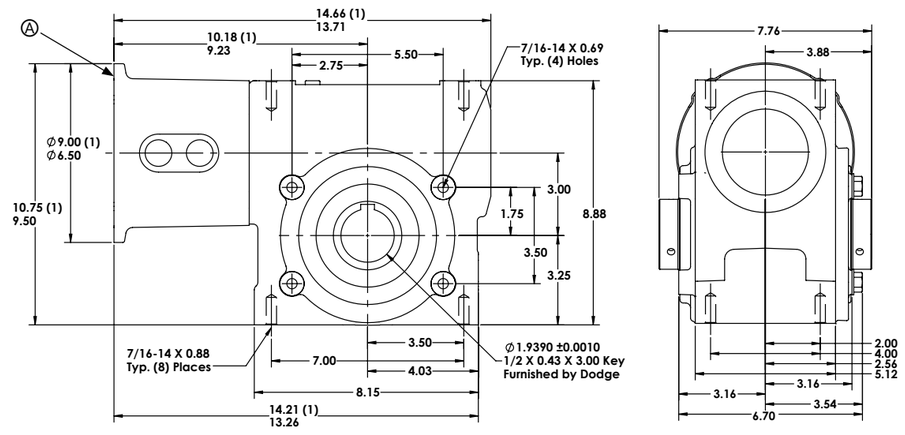
E-Z Kleen reducers with three-piece coupled – Size 30

Solid output



(1) Frame motor adapter

Hollow output



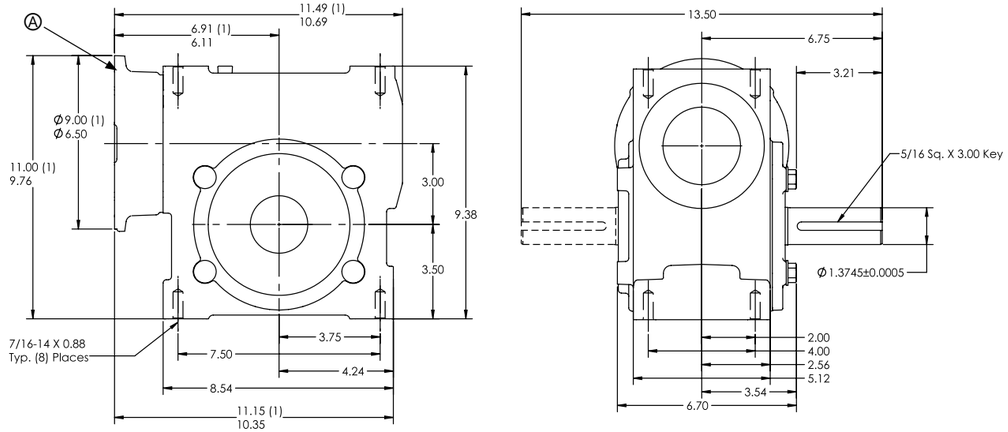
E-Z Kleen reducers with quill input – Size 32

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
		Mechanical input horsepower (hp)	11.65		32QZ05L14	32QZ05L18	Left
		Thermal input horsepower (hp)	16.78		32QZ05R14	32QZ05R18	Right
5	350	Output torque (lb-in)	1,987	—	32QZ05LR14	32QZ05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		32QZ05H14	32QZ05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
		Mechanical input horsepower (hp)	10.96		32QZ06L14	32QZ06L18	Left
		Thermal input horsepower (hp)	15.06		32QZ06R14	32QZ06R18	Right
6.5	269	Output torque (lb-in)	2,407	—	32QZ06LR14	32QZ06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		32QZ06H14	32QZ06H18	Hollow
		Output OHL (lb)	1,460		32QZ06HQZ14	32QZ06HQZ18	Hollow alt.
		Mechanical input horsepower (hp)	10.42		32QZ07L14	32QZ07L18	Left
		Thermal input horsepower (hp)	14.17		32QZ07R14	32QZ07R18	Right
7.5	233	Output torque (lb-in)	2,623	—	32QZ07LR14	32QZ07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		32QZ07H14	32QZ07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
		Mechanical input horsepower (hp)	8.71		32QZ10L14	32QZ10L18	Left
		Thermal input horsepower (hp)	11.97		32QZ10R14	32QZ10R18	Right
10	175	Output torque (lb-in)	2,876	—	32QZ10LR14	32QZ10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		32QZ10H14	32QZ10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
		Mechanical input horsepower (hp)	7.04		32QZ15L14	32QZ15L18	Left
		Thermal input horsepower (hp)	8.85		32QZ15R14	32QZ15R18	Right
15	117	Output torque (lb-in)	3,339	—	32QZ15LR14	32QZ15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		32QZ15H14	32QZ15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
		Mechanical input horsepower (hp)	5.03	32QZ20L56	32QZ20L14	32QZ20L18	Left
		Thermal input horsepower (hp)	6.95	32QZ20R56	32QZ20R14	32QZ20R18	Right
20	88	Output torque (lb-in)	3,101	32QZ20LR56	32QZ20LR14	32QZ20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	32QZ20H56	32QZ20H14	32QZ20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	4.22	32QZ25L56	32QZ25L14	32QZ25L18	Left
		Thermal input horsepower (hp)	5.52	32QZ25R56	32QZ25R14	32QZ25R18	Right
25	70	Output torque (lb-in)	3,165	32QZ25LR56	32QZ25LR14	32QZ25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	32QZ25H56	32QZ25H14	32QZ25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	3.35	32QZ30L56	32QZ30L14	32QZ30L18	Left
		Thermal input horsepower (hp)	4.96	32QZ30R56	32QZ30R14	32QZ30R18	Right
30	58	Output torque (lb-in)	2,950	32QZ30LR56	32QZ30LR14	32QZ30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	32QZ30H56	32QZ30H14	32QZ30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	2.60	32QZ40L56	32QZ40L14		Left
		Thermal input horsepower (hp)	3.74	32QZ40R56	32QZ40R14		Right
40	44	Output torque (lb-in)	2,884	32QZ40LR56	32QZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	32QZ40H56	32QZ40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
		Mechanical input horsepower (hp)	2.16	32QZ50L56	32QZ50L14		Left
		Thermal input horsepower (hp)	3.12	32QZ50R56	32QZ50R14		Right
50	35	Output torque (lb-in)	2,777	32QZ50LR56	32QZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	32QZ50H56	32QZ50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
		Mechanical input horsepower (hp)	2.11	32QZ60L56	32QZ60L14		Left
		Thermal input horsepower (hp)	2.67	32QZ60R56	32QZ60R14		Right
60	29	Output torque (lb-in)	3,009	32QZ60LR56	32QZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.39	32QZ60H56	32QZ60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

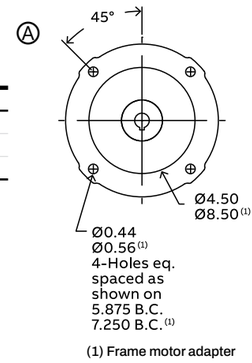
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 32ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with quill input – Size 32

Solid output

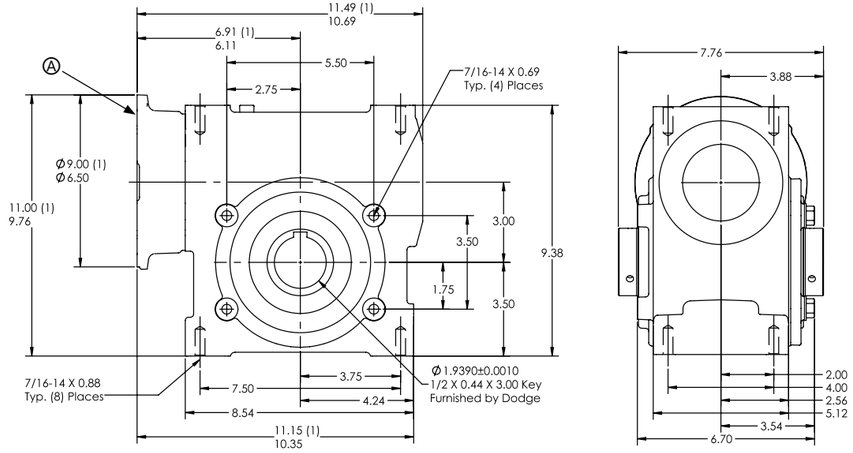


Motor frame	Dim "U"	Key
56C	Ø0.626	3/16 sq. x 2.43 Key
140TC	Ø0.876	3/16 sq. x 2.43 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) Frame motor adapter

Hollow output



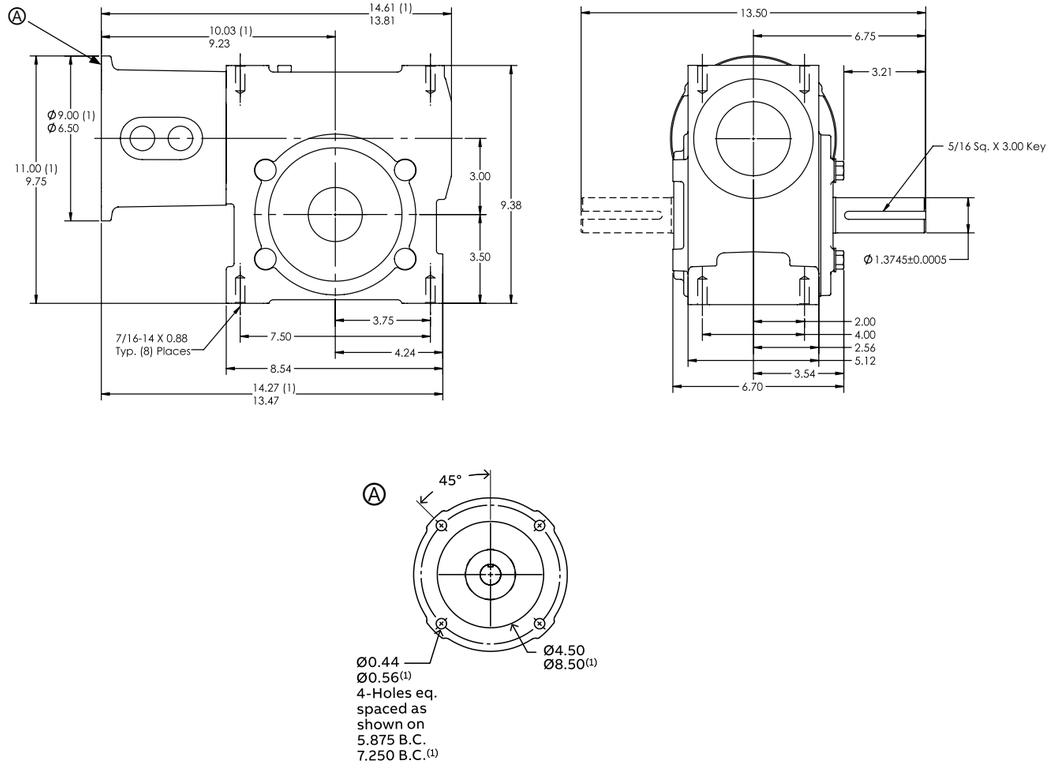
E-Z Kleen reducers with three-piece coupled – Size 32

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position*
5	350	Mechanical input horsepower (hp)	11.65	—	32AZ05L14	32AZ05L18	Left
		Thermal input horsepower (hp)	16.78		32AZ05R14	32AZ05R18	Right
		Output torque (lb-in)	1,987		32AZ05LR14	32AZ05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		32AZ05H14	32AZ05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
6.5	269	Mechanical input horsepower (hp)	10.96	—	32AZ06L14	32AZ06L18	Left
		Thermal input horsepower (hp)	15.06		32AZ06R14	32AZ06R18	Right
		Output torque (lb-in)	2,407		32AZ06LR14	32AZ06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		32AZ06H14	32AZ06H18	Hollow
		Output OHL (lb)	1,460		32AZ06HAZ14	32AZ06HAZ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	10.42	—	32AZ07L14	32AZ07L18	Left
		Thermal input horsepower (hp)	14.17		32AZ07R14	32AZ07R18	Right
		Output torque (lb-in)	2,623		32AZ07LR14	32AZ07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		32AZ07H14	32AZ07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
10	175	Mechanical input horsepower (hp)	8.71	—	32AZ10L14	32AZ10L18	Left
		Thermal input horsepower (hp)	11.97		32AZ10R14	32AZ10R18	Right
		Output torque (lb-in)	2,876		32AZ10LR14	32AZ10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		32AZ10H14	32AZ10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
15	117	Mechanical input horsepower (hp)	7.04	—	32AZ15L14	32AZ15L18	Left
		Thermal input horsepower (hp)	8.85		32AZ15R14	32AZ15R18	Right
		Output torque (lb-in)	3,339		32AZ15LR14	32AZ15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		32AZ15H14	32AZ15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
20	88	Mechanical input horsepower (hp)	5.03	32AZ20L56	32AZ20L14	32AZ20L18	Left
		Thermal input horsepower (hp)	6.95	32AZ20R56	32AZ20R14	32AZ20R18	Right
		Output torque (lb-in)	3,101	32AZ20LR56	32AZ20LR14	32AZ20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	32AZ20H56	32AZ20H14	32AZ20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
25	70	Mechanical input horsepower (hp)	4.22	32AZ25L56	32AZ25L14	32AZ25L18	Left
		Thermal input horsepower (hp)	5.52	32AZ25R56	32AZ25R14	32AZ25R18	Right
		Output torque (lb-in)	3,165	32AZ25LR56	32AZ25LR14	32AZ25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	32AZ25H56	32AZ25H14	32AZ25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
30	58	Mechanical input horsepower (hp)	3.35	32AZ30L56	32AZ30L14	32AZ30L18	Left
		Thermal input horsepower (hp)	4.96	32AZ30R56	32AZ30R14	32AZ30R18	Right
		Output torque (lb-in)	2,950	32AZ30LR56	32AZ30LR14	32AZ30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	32AZ30H56	32AZ30H14	32AZ30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
40	44	Mechanical input horsepower (hp)	2.60	32AZ40L56	32AZ40L14		Left
		Thermal input horsepower (hp)	3.74	32AZ40R56	32AZ40R14		Right
		Output torque (lb-in)	2,884	32AZ40LR56	32AZ40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	32AZ40H56	32AZ40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
50	35	Mechanical input horsepower (hp)	2.16	32AZ50L56	32AZ50L14		Left
		Thermal input horsepower (hp)	3.12	32AZ50R56	32AZ50R14		Right
		Output torque (lb-in)	2,777	32AZ50LR56	32AZ50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	32AZ50H56	32AZ50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
60	29	Mechanical input horsepower (hp)	2.11	32AZ60L56	32AZ60L14		Left
		Thermal input horsepower (hp)	2.67	32AZ60R56	32AZ60R14		Right
		Output torque (lb-in)	3,009	32AZ60LR56	32AZ60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.39	32AZ60H56	32AZ60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 32ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

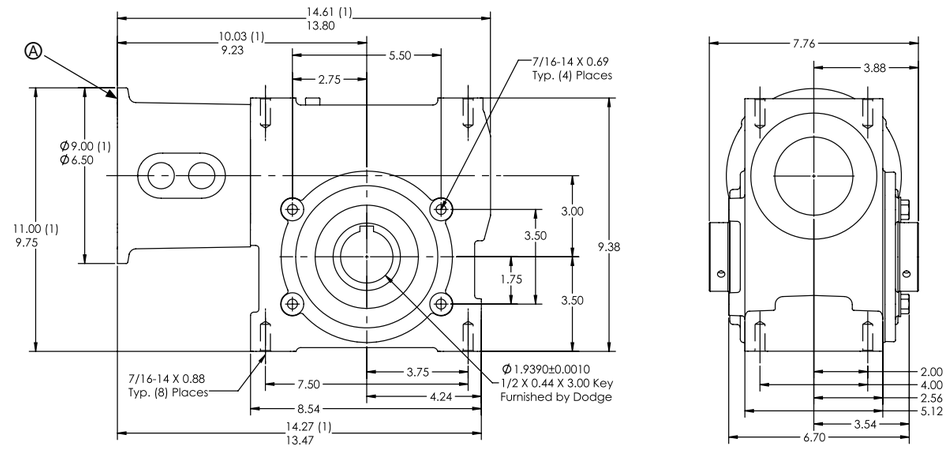
E-Z Kleen reducers with three-piece coupled – Size 32

Solid output



(1) Frame motor adapter

Hollow output



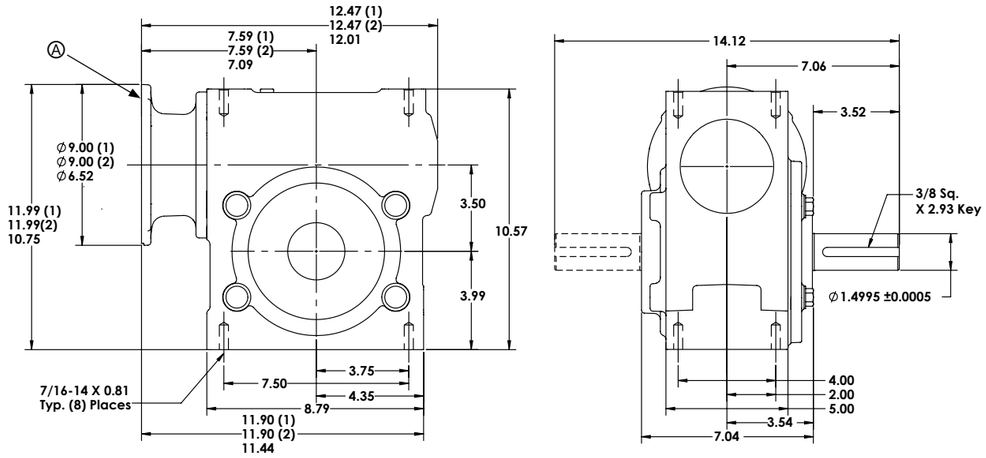
E-Z Kleen reducers with quill input – Size 35

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	210TC	Shaft position*
		Mechanical input horsepower (hp)	16.31		35QZ05L14	35QZ05L18	35QZ05L21	Left
		Thermal input horsepower (hp)	19.86		35QZ05R14	35QZ05R18	35QZ05R21	Right
5	350	Output torque (lb-in)	2,787	—	35QZ05LR14	35QZ05LR18	35QZ05LR21	Left/Right
		Mechanical output horsepower (hp)	15.48		35QZ05H14	35QZ05H18	35QZ05H21	Hollow
		Output OHL (lb)	2,120		—	—	—	—
		Mechanical input horsepower (hp)	14.60		35QZ07L14	35QZ07L18	35QZ07L21	Left
		Thermal input horsepower (hp)	16.92		35QZ07R14	35QZ07R18	35QZ07R21	Right
7.5	233	Output torque (lb-in)	3,691	—	35QZ07LR14	35QZ07LR18	35QZ07LR21	Left/Right
		Mechanical output horsepower (hp)	13.67		35QZ07H14	35QZ07H18	35QZ07H21	Hollow
		Output OHL (lb)	2,430		—	—	—	—
		Mechanical input horsepower (hp)	13.20		35QZ10L14	35QZ10L18	35QZ10L21	Left
		Thermal input horsepower (hp)	14.45		35QZ10R14	35QZ10R18	35QZ10R21	Right
10	175	Output torque (lb-in)	4,369	—	35QZ10LR14	35QZ10LR18	35QZ10LR21	Left/Right
		Mechanical output horsepower (hp)	12.13		35QZ10H14	35QZ10H18	35QZ10H21	Hollow
		Output OHL (lb)	2,700		—	—	—	—
		Mechanical input horsepower (hp)	10.02		35QZ15L14	35QZ15L18	35QZ15L21	Left
		Thermal input horsepower (hp)	11.34		35QZ15R14	35QZ15R18	35QZ15R21	Right
15	117	Output torque (lb-in)	4,845	—	35QZ15LR14	35QZ15LR18	35QZ15LR21	Left/Right
		Mechanical output horsepower (hp)	8.97		35QZ15H14	35QZ15H18	35QZ15H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	7.72		35QZ18L14	35QZ18L18		Left
		Thermal input horsepower (hp)	10.01		35QZ18R14	35QZ18R18		Right
18	97	Output torque (lb-in)	4,395	—	35QZ18LR14	35QZ18LR18	—	Left/Right
		Mechanical output horsepower (hp)	6.78		35QZ18H14	35QZ18H18		Hollow
		Output OHL (lb)	2,760		35QZ18HQZ14	35QZ18HQZ18		Hollow alt.
		Mechanical input horsepower (hp)	7.51		35QZ20L14	35QZ20L18	35QZ20L21	Left
		Thermal input horsepower (hp)	9.14		35QZ20R14	35QZ20R18	35QZ20R21	Right
20	88	Output torque (lb-in)	4,701	—	35QZ20LR14	35QZ20LR18	35QZ20LR21	Left/Right
		Mechanical output horsepower (hp)	6.53		35QZ20H14	35QZ20H18	35QZ20H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	5.54		35QZ25L14	35QZ25L18		Left
		Thermal input horsepower (hp)	7.40		35QZ25R14	35QZ25R18		Right
25	70	Output torque (lb-in)	4,195	—	35QZ25LR14	35QZ25LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.66		35QZ25H14	35QZ25H18		Hollow
		Output OHL (lb)	2,760		—	—		—
		Mechanical input horsepower (hp)	5.05	35QZ30L56	35QZ30L14	35QZ30L18		Left
		Thermal input horsepower (hp)	6.49	35QZ30R56	35QZ30R14	35QZ30R18		Right
30	58	Output torque (lb-in)	4,485	35QZ30LR56	35QZ30LR14	35QZ30LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.15	35QZ30H56	35QZ30H14	35QZ30H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	4.25	35QZ40L56	35QZ40L14	35QZ40L18		Left
		Thermal input horsepower (hp)	5.02	35QZ40R56	35QZ40R14	35QZ40R18		Right
40	44	Output torque (lb-in)	4,757	35QZ40LR56	35QZ40LR14	35QZ40LR18	—	Left/Right
		Mechanical output horsepower (hp)	3.30	35QZ40H56	35QZ40H14	35QZ40H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	3.18	35QZ50L56	35QZ50L14	35QZ50L18		Left
		Thermal input horsepower (hp)	4.09	35QZ50R56	35QZ50R14	35QZ50R18		Right
50	35	Output torque (lb-in)	4,209	35QZ50LR56	35QZ50LR14	35QZ50LR18	—	Left/Right
		Mechanical output horsepower (hp)	2.34	35QZ50H56	35QZ50H14	35QZ50H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	2.86	35QZ60L56	35QZ60L14			Left
		Thermal input horsepower (hp)	3.38	35QZ60R56	35QZ60R14			Right
60	29	Output torque (lb-in)	4,178	35QZ60LR56	35QZ60LR14	—	—	Left/Right
		Mechanical output horsepower (hp)	1.93	35QZ60H56	35QZ60H14			Hollow
		Output OHL (lb)	2,760	—	—			—

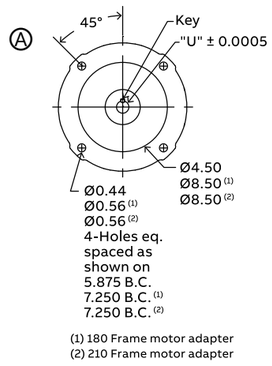
Note: Reducers are shipped without a mounting base. Order bolt-on base kit 35ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the "How to order" section.

E-Z Kleen reducers with quill input – Size 35

Solid output

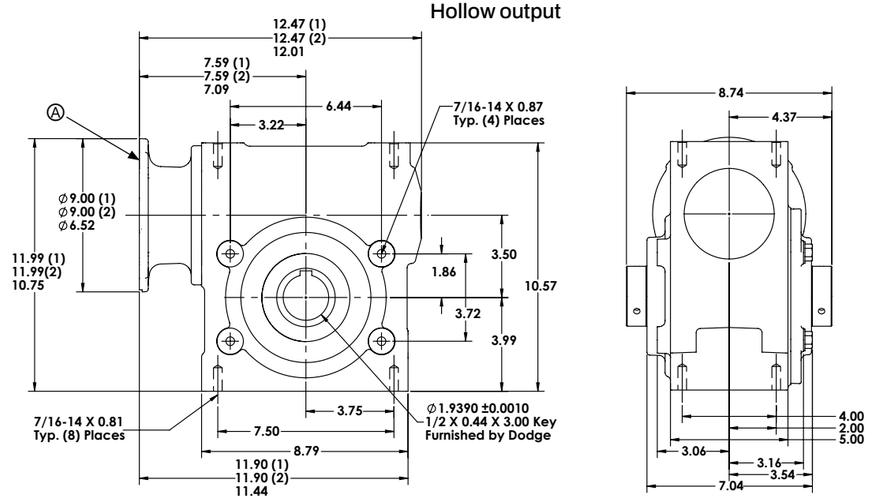


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 2.43 Key
140TC	Ø0.876	3/16 sq. x 2.43 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key
210TC	Ø1.376	5/16 sq. x 2.57 Key



(1) 180 Frame motor adapter
(2) 210 Frame motor adapter

Hollow output



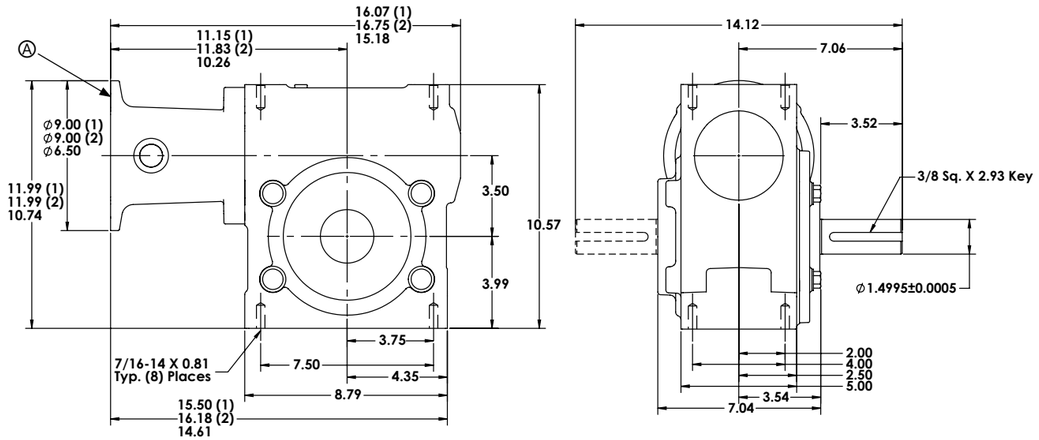
E-Z Kleen reducers with three-piece coupled – Size 35

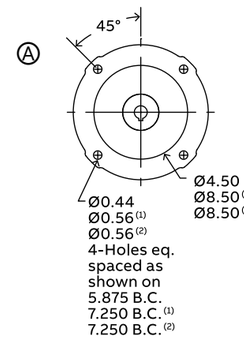
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	210TC	Shaft position*
		Mechanical input horsepower (hp)	16.31		35AZ05L14	35AZ05L18	35AZ05L21	Left
		Thermal input horsepower (hp)	19.86		35AZ05R14	35AZ05R18	35AZ05R21	Right
5	350	Output torque (lb-in)	2,787	—	35AZ05LR14	35AZ05LR18	35AZ05LR21	Left/Right
		Mechanical output horsepower (hp)	15.48		35AZ05H14	35AZ05H18	35AZ05H21	Hollow
		Output OHL (lb)	2,120		—	—	—	—
		Mechanical input horsepower (hp)	14.60		35AZ07L14	35AZ07L18	35AZ07L21	Left
		Thermal input horsepower (hp)	16.92		35AZ07R14	35AZ07R18	35AZ07R21	Right
7.5	233	Output torque (lb-in)	3,691	—	35AZ07LR14	35AZ07LR18	35AZ07LR21	Left/Right
		Mechanical output horsepower (hp)	13.67		35AZ07H14	35AZ07H18	35AZ07H21	Hollow
		Output OHL (lb)	2,430		—	—	—	—
		Mechanical input horsepower (hp)	13.20		35AZ10L14	35AZ10L18	35AZ10L21	Left
		Thermal input horsepower (hp)	14.45		35AZ10R14	35AZ10R18	35AZ10R21	Right
10	175	Output torque (lb-in)	4,369	—	35AZ10LR14	35AZ10LR18	35AZ10LR21	Left/Right
		Mechanical output horsepower (hp)	12.13		35AZ10H14	35AZ10H18	35AZ10H21	Hollow
		Output OHL (lb)	2,700		—	—	—	—
		Mechanical input horsepower (hp)	10.02		35AZ15L14	35AZ15L18	35AZ15L21	Left
		Thermal input horsepower (hp)	11.34		35AZ15R14	35AZ15R18	35AZ15R21	Right
15	117	Output torque (lb-in)	4,845	—	35AZ15LR14	35AZ15LR18	35AZ15LR21	Left/Right
		Mechanical output horsepower (hp)	8.97		35AZ15H14	35AZ15H18	35AZ15H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	7.72		35AZ18L14	35AZ18L18		Left
		Thermal input horsepower (hp)	10.01		35AZ18R14	35AZ18R18		Right
18	97	Output torque (lb-in)	4,395	—	35AZ18LR14	35AZ18LR18	—	Left/Right
		Mechanical output horsepower (hp)	6.78		35AZ18H14	35AZ18H18		Hollow
		Output OHL (lb)	2,760		35AZ18HAZ14	35AZ18HAZ18		Hollow alt.
		Mechanical input horsepower (hp)	7.51		35AZ20L14	35AZ20L18	35AZ20L21	Left
		Thermal input horsepower (hp)	9.14		35AZ20R14	35AZ20R18	35AZ20R21	Right
20	88	Output torque (lb-in)	4,701	—	35AZ20LR14	35AZ20LR18	35AZ20LR21	Left/Right
		Mechanical output horsepower (hp)	6.53		35AZ20H14	35AZ20H18	35AZ20H21	Hollow
		Output OHL (lb)	2,760		—	—	—	—
		Mechanical input horsepower (hp)	5.54		35AZ25L14	35AZ25L18		Left
		Thermal input horsepower (hp)	7.40		35AZ25R14	35AZ25R18		Right
25	70	Output torque (lb-in)	4,195	—	35AZ25LR14	35AZ25LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.66		35AZ25H14	35AZ25H18		Hollow
		Output OHL (lb)	2,760		—	—		—
		Mechanical input horsepower (hp)	5.05	35AZ30L56	35AZ30L14	35AZ30L18		Left
		Thermal input horsepower (hp)	6.49	35AZ30R56	35AZ30R14	35AZ30R18		Right
30	58	Output torque (lb-in)	4,485	35AZ30LR56	35AZ30LR14	35AZ30LR18	—	Left/Right
		Mechanical output horsepower (hp)	4.15	35AZ30H56	35AZ30H14	35AZ30H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	4.25	35AZ40L56	35AZ40L14	35AZ40L18		Left
		Thermal input horsepower (hp)	5.02	35AZ40R56	35AZ40R14	35AZ40R18		Right
40	44	Output torque (lb-in)	4,757	35AZ40LR56	35AZ40LR14	35AZ40LR18	—	Left/Right
		Mechanical output horsepower (hp)	3.30	35AZ40H56	35AZ40H14	35AZ40H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	3.18	35AZ50L56	35AZ50L14	35AZ50L18		Left
		Thermal input horsepower (hp)	4.09	35AZ50R56	35AZ50R14	35AZ50R18		Right
50	35	Output torque (lb-in)	4,209	35AZ50LR56	35AZ50LR14	35AZ50LR18	—	Left/Right
		Mechanical output horsepower (hp)	2.34	35AZ50H56	35AZ50H14	35AZ50H18		Hollow
		Output OHL (lb)	2,760	—	—	—		—
		Mechanical input horsepower (hp)	2.86	35AZ60L56	35AZ60L14			Left
		Thermal input horsepower (hp)	3.38	35AZ60R56	35AZ60R14			Right
60	29	Output torque (lb-in)	4,178	35AZ60LR56	35AZ60LR14	—	—	Left/Right
		Mechanical output horsepower (hp)	1.93	35AZ60H56	35AZ60H14			Hollow
		Output OHL (lb)	2,760	—	—			—

Note: Reducers are shipped without a mounting base. Order bolt-on base kit 35ZBASE if required.
Washdown accessories available in accessories section.
* For additional information on output shaft configurations, refer to the “How to order” section.

E-Z Kleen reducers with three-piece coupled – Size 35

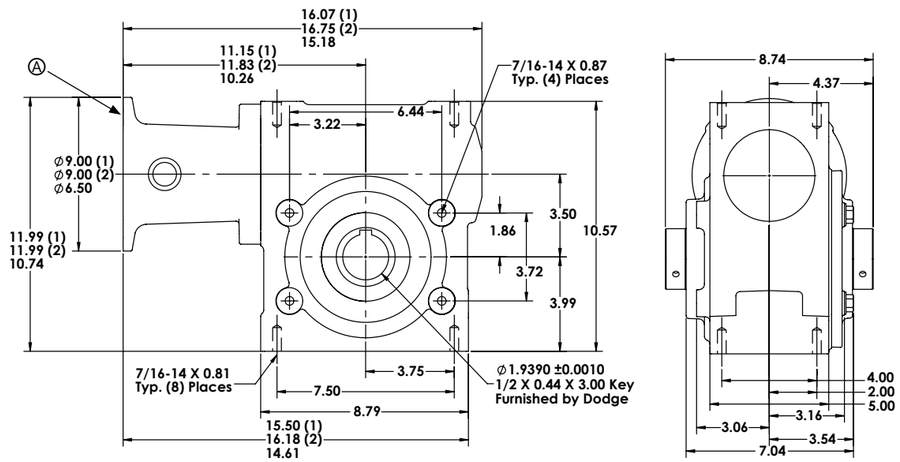
Solid output





(1) 180 Frame motor adapter
(2) 210 Frame motor adapter

Hollow output



FoodSafe Tigear-2

General specification

The speed reducer shall be a single reduction worm gear reducer incorporating two input configurations that include quill style for direct attachment of electric motors, and a motor adapter style input that employs a three-piece coupling to connect electric motors to the reducer. These input configurations shall be available in both solid and hollow output shaft designs. The reducer shall be assembled and quality tested in the USA.

Gearing

Worm gear geometry shall be highly optimized for rating and efficiency and precision manufactured with a single enveloping design.

The gear set shall consist of a hardened steel worm shaft. The worm gear shall be a fine grain, copper-tin bronze, specially alloyed for superior durability and wear resistance. All units shall have the worm gear set properly centered during assembly to produce an optimum contact pattern.

Gear design and power transmission ratings conform to globally accepted rating standards.

Castings

The gear case and bearing housing shall be manufactured from stainless steel. The optional bolt-on base, and other accessories shall be available in stainless steel. The reducer shall be sealed with no direct passage from the oil sump to the ambient atmosphere, a closed system. This ventless design ensures no contamination of lubricant from the external environment.

Lubrication

The standard lubrication shall be a synthetic type that is suitable for USDA Class H1 environments. The manufacturer must state in writing that the lubrication shall require no periodic changing. Alternate synthetic lubricants made from the same base material as the standard shall be available to accommodate extreme temperature applications.

All reducers shall be factory-filled by the manufacturer with the proper volume of H1 synthetic lubricant so that the reducer can be applied in any approved mounting position without modifications to the reducer.

Bearings

Output shafts shall incorporate tapered roller bearings shimmed for proper running clearances and be designed for maximizing over hung load rating.

General specification

Sealing

Oil seals shall be made of premium materials. Seals made using nitrile or fluoroelastomer materials are not acceptable. Output seals shall be of a two-piece design and capable of withstanding 1,450 psi liquid sprays without allowing liquid entry into the gear reducer.

Oil seals shall have a minimum temperature range of -40 °F to 300 °F (-40 °C to 149 °C).

All sealing-joints, except fill plug, shall be O-rings. Reducers shall incorporate no silicone rubber sealant of any kind.

Hardware

All fasteners shall be non-cavity stainless-steel. Motor mounting bolts and input/output keys shall be provided. No plastic plugs or fasteners shall be permitted.

Nameplate information shall be laser marked directly onto the reducer gearcase housing. Removable nameplates shall not be permitted.

External conditions

When properly service factored to account for the thermal limitations of the reducer, the standard construction shall be suitable for use in ambient temperatures from -20 °F to 120 °F.

The thermal ratings listed on ratings pages are based on the gear unit continuously operating in an ambient temperature of 75 °F. For the ambient condition above 75 °F, the derating factor needs to be applied to the thermal rating or contact Dodge Application Engineering for assistance.

Severe washdown operating environments shall be addressed with a stainless-steel gear case incorporating stainless-steel hardware and stainless-steel output shaft.

Reducer must be tested and certified to meet IP69 for protection from high pressure washdowns.

Ratings and dimensions

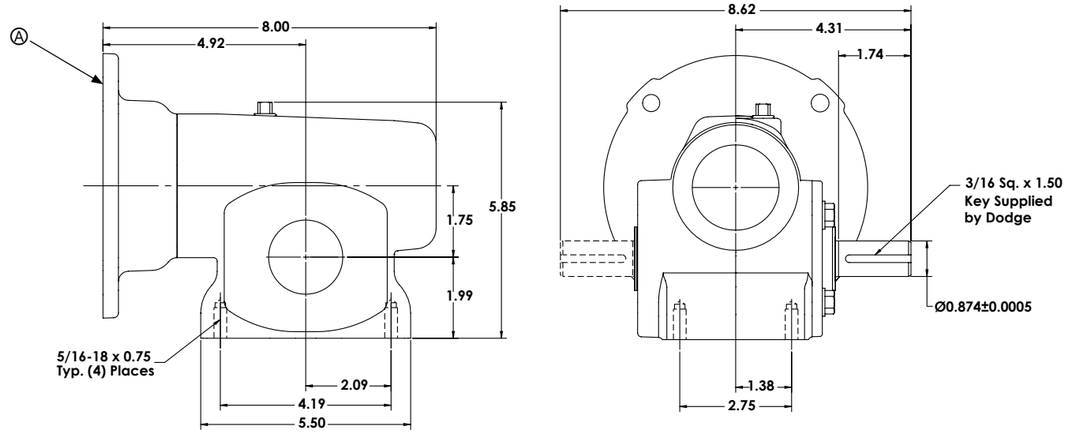
FoodSafe reducers with quill input – Size 17

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position
5	350	Mechanical input horsepower (hp)	2.65	SS17Q05L56	SS17Q05L14	Left
		Thermal input horsepower (hp)	5.44	SS17Q05R56	SS17Q05R14	Right
		Output torque (lb-in)	440	SS17Q05LR56	SS17Q05LR14	Left/Right
		Mechanical output horsepower (hp)	2.45	SS17Q05H56	SS17Q05H14	Hollow
		Output OHL (lb)	1,050	—	—	—
7.5	233	Mechanical input horsepower (hp)	2.37	SS17Q07L56	SS17Q07L14	Left
		Thermal input horsepower (hp)	4.98	SS17Q07R56	SS17Q07R14	Right
		Output torque (lb-in)	584	SS17Q07LR56	SS17Q07LR14	Left/Right
		Mechanical output horsepower (hp)	2.16	SS17Q07H56	SS17Q07H14	Hollow
		Output OHL (lb)	1,190	—	—	—
10	175	Mechanical input horsepower (hp)	2.12	SS17Q10L56	SS17Q10L14	Left
		Thermal input horsepower (hp)	4.55	SS17Q10R56	SS17Q10R14	Right
		Output torque (lb-in)	676	SS17Q10LR56	SS17Q10LR14	Left/Right
		Mechanical output horsepower (hp)	1.88	SS17Q10H56	SS17Q10H14	Hollow
		Output OHL (lb)	1,190	—	—	—
15	117	Mechanical input horsepower (hp)	1.77	SS17Q15L56	SS17Q15L14	Left
		Thermal input horsepower (hp)	3.97	SS17Q15R56	SS17Q15R14	Right
		Output torque (lb-in)	813	SS17Q15LR56	SS17Q15LR14	Left/Right
		Mechanical output horsepower (hp)	1.50	SS17Q15H56	SS17Q15H14	Hollow
		Output OHL (lb)	1,190	—	—	—
20	88	Mechanical input horsepower (hp)	1.52	SS17Q20L56	SS17Q20L14	Left
		Thermal input horsepower (hp)	3.53	SS17Q20R56	SS17Q20R14	Right
		Output torque (lb-in)	893	SS17Q20LR56	SS17Q20LR14	Left/Right
		Mechanical output horsepower (hp)	1.24	SS17Q20H56	SS17Q20H14	Hollow
		Output OHL (lb)	1,190	—	—	—
25	70	Mechanical input horsepower (hp)	1.20	SS17Q25L56	SS17Q25L14	Left
		Thermal input horsepower (hp)	2.92	SS17Q25R56	SS17Q25R14	Right
		Output torque (lb-in)	835	SS17Q25LR56	SS17Q25LR14	Left/Right
		Mechanical output horsepower (hp)	0.93	SS17Q25H56	SS17Q25H14	Hollow
		Output OHL (lb)	1,190	—	—	—
30	58	Mechanical input horsepower (hp)	1.06	SS17Q30L56	SS17Q30L14	Left
		Thermal input horsepower (hp)	2.46	SS17Q30R56	SS17Q30R14	Right
		Output torque (lb-in)	859	SS17Q30LR56	SS17Q30LR14	Left/Right
		Mechanical output horsepower (hp)	0.80	SS17Q30H56	SS17Q30H14	Hollow
		Output OHL (lb)	1,190	—	—	—
40	44	Mechanical input horsepower (hp)	0.85	SS17Q40L56		Left
		Thermal input horsepower (hp)	1.88	SS17Q40R56		Right
		Output torque (lb-in)	878	SS17Q40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	SS17Q40H56		Hollow
		Output OHL (lb)	1,190	—		—
50	35	Mechanical input horsepower (hp)	0.72	SS17Q50L56		Left
		Thermal input horsepower (hp)	1.57	SS17Q50R56		Right
		Output torque (lb-in)	865	SS17Q50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	SS17Q50H56		Hollow
		Output OHL (lb)	1,190	—		—
60	29	Mechanical input horsepower (hp)	0.51	SS17Q60L56		Left
		Thermal input horsepower (hp)	1.30	SS17Q60R56		Right
		Output torque (lb-in)	692	SS17Q60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.32	SS17Q60H56		Hollow
		Output OHL (lb)	1,190	—		—

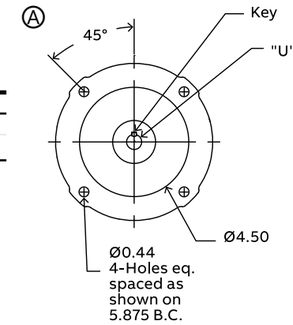
Note: Washdown accessories available in accessories section.

FoodSafe reducers with quill input – Size 17

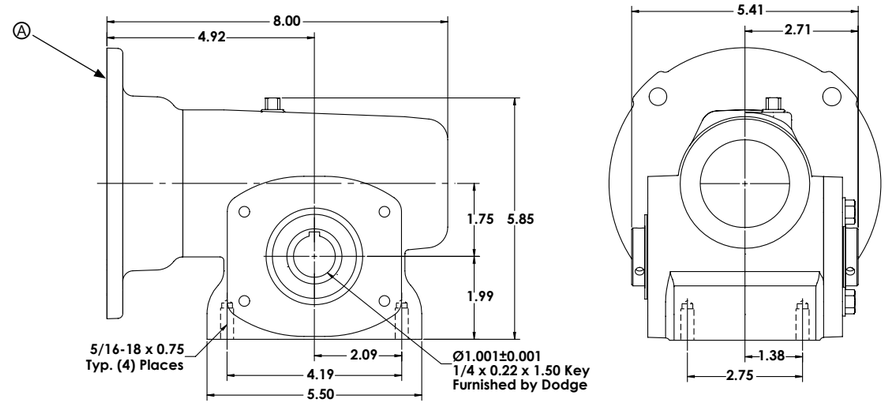
Solid output



Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.88 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key



Hollow output



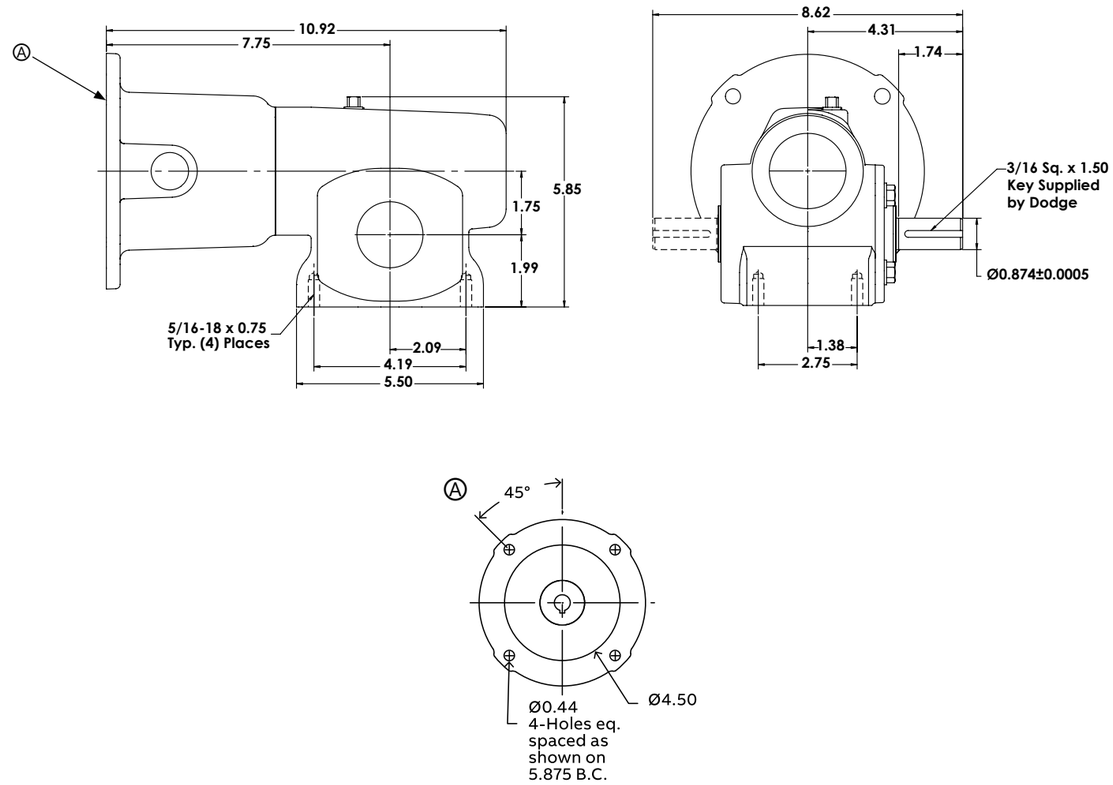
FoodSafe reducers with three-piece coupled – Size 17

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position
5	350	Mechanical input horsepower (hp)	2.65	SS17A05L56	SS17A05L14	Left
		Thermal input horsepower (hp)	5.44	SS17A05R56	SS17A05R14	Right
		Output torque (lb-in)	440	SS17A05LR56	SS17A05LR14	Left/Right
		Mechanical output horsepower (hp)	2.45	SS17A05H56	SS17A05H14	Hollow
		Output OHL (lb)	1,050	—	—	—
7.5	233	Mechanical input horsepower (hp)	2.37	SS17A07L56	SS17A07L14	Left
		Thermal input horsepower (hp)	4.98	SS17A07R56	SS17A07R14	Right
		Output torque (lb-in)	584	SS17A07LR56	SS17A07LR14	Left/Right
		Mechanical output horsepower (hp)	2.16	SS17A07H56	SS17A07H14	Hollow
		Output OHL (lb)	1,190	—	—	—
10	175	Mechanical input horsepower (hp)	2.12	SS17A10L56	SS17A10L14	Left
		Thermal input horsepower (hp)	4.55	SS17A10R56	SS17A10R14	Right
		Output torque (lb-in)	676	SS17A10LR56	SS17A10LR14	Left/Right
		Mechanical output horsepower (hp)	1.88	SS17A10H56	SS17A10H14	Hollow
		Output OHL (lb)	1,190	—	—	—
15	117	Mechanical input horsepower (hp)	1.77	SS17A15L56	SS17A15L14	Left
		Thermal input horsepower (hp)	3.97	SS17A15R56	SS17A15R14	Right
		Output torque (lb-in)	813	SS17A15LR56	SS17A15LR14	Left/Right
		Mechanical output horsepower (hp)	1.50	SS17A15H56	SS17A15H14	Hollow
		Output OHL (lb)	1,190	—	—	—
20	88	Mechanical input horsepower (hp)	1.52	SS17A20L56	SS17A20L14	Left
		Thermal input horsepower (hp)	3.53	SS17A20R56	SS17A20R14	Right
		Output torque (lb-in)	893	SS17A20LR56	SS17A20LR14	Left/Right
		Mechanical output horsepower (hp)	1.24	SS17A20H56	SS17A20H14	Hollow
		Output OHL (lb)	1,190	—	—	—
25	70	Mechanical input horsepower (hp)	1.20	SS17A25L56	SS17A25L14	Left
		Thermal input horsepower (hp)	2.92	SS17A25R56	SS17A25R14	Right
		Output torque (lb-in)	835	SS17A25LR56	SS17A25LR14	Left/Right
		Mechanical output horsepower (hp)	0.93	SS17A25H56	SS17A25H14	Hollow
		Output OHL (lb)	1,190	—	—	—
30	58	Mechanical input horsepower (hp)	1.06	SS17A30L56	SS17A30L14	Left
		Thermal input horsepower (hp)	2.46	SS17A30R56	SS17A30R14	Right
		Output torque (lb-in)	859	SS17A30LR56	SS17A30LR14	Left/Right
		Mechanical output horsepower (hp)	0.80	SS17A30H56	SS17A30H14	Hollow
		Output OHL (lb)	1,190	—	—	—
40	44	Mechanical input horsepower (hp)	0.85	SS17A40L56		Left
		Thermal input horsepower (hp)	1.88	SS17A40R56		Right
		Output torque (lb-in)	878	SS17A40LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.61	SS17A40H56		Hollow
		Output OHL (lb)	1,190	—		—
50	35	Mechanical input horsepower (hp)	0.72	SS17A50L56		Left
		Thermal input horsepower (hp)	1.57	SS17A50R56		Right
		Output torque (lb-in)	865	SS17A50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	SS17A50H56		Hollow
		Output OHL (lb)	1,190	—		—
60	29	Mechanical input horsepower (hp)	0.51	SS17A60L56		Left
		Thermal input horsepower (hp)	1.30	SS17A60R56		Right
		Output torque (lb-in)	692	SS17A60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.32	SS17A60H56		Hollow
		Output OHL (lb)	1,190	—		—

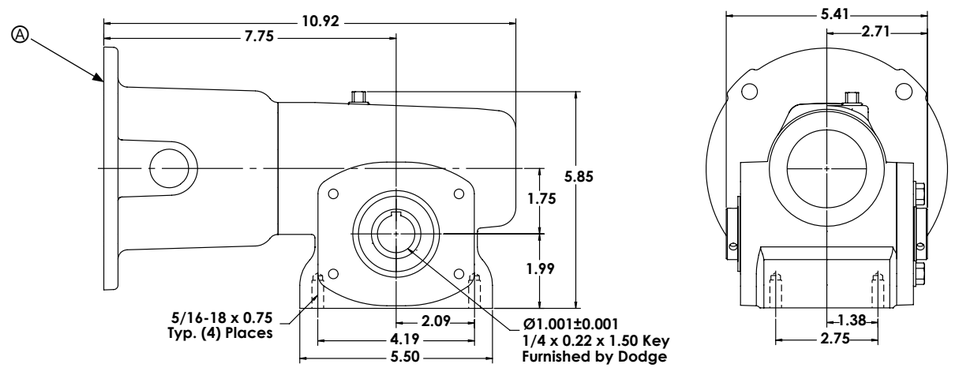
Note: Washdown accessories available in accessories section.

FoodSafe reducers with three-piece coupled – Size 17

Solid output



Hollow output



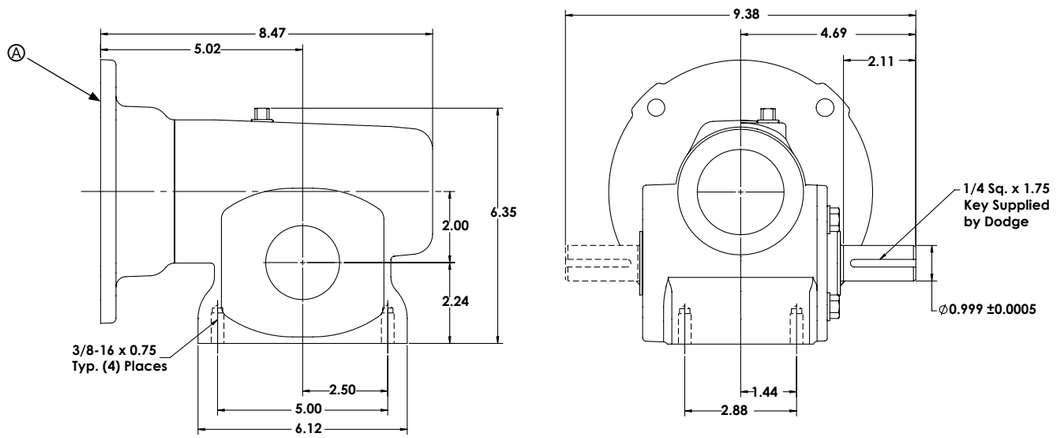
FoodSafe reducers with quill input – Size 20

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position
4.1	438	Mechanical input horsepower (hp)	4.67	SS20Q04L56	SS20Q04L14	Left
		Thermal input horsepower (hp)	7.61	SS20Q04R56	SS20Q04R14	Right
		Output torque (lb-in)	625	SS20Q04LR56	SS20Q04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	SS20Q04H56	SS20Q04H14	Hollow
		Output OHL (lb)	1,380	SS20Q04HA56	SS20Q04HA14	Hollow alt.
5	350	Mechanical input horsepower (hp)	3.89	SS20Q05L56	SS20Q05L14	Left
		Thermal input horsepower (hp)	7.44	SS20Q05R56	SS20Q05R14	Right
		Output torque (lb-in)	652	SS20Q05LR56	SS20Q05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	SS20Q05H56	SS20Q05H14	Hollow
		Output OHL (lb)	1,380	SS20Q05HA56	SS20Q05HA14	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	3.50	SS20Q07L56	SS20Q07L14	Left
		Thermal input horsepower (hp)	6.39	SS20Q07R56	SS20Q07R14	Right
		Output torque (lb-in)	864	SS20Q07LR56	SS20Q07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	SS20Q07H56	SS20Q07H14	Hollow
		Output OHL (lb)	1,560	SS20Q07HA56	SS20Q07HA14	Hollow alt.
10	175	Mechanical input horsepower (hp)	3.13	SS20Q10L56	SS20Q10L14	Left
		Thermal input horsepower (hp)	5.47	SS20Q10R56	SS20Q10R14	Right
		Output torque (lb-in)	1,007	SS20Q10LR56	SS20Q10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	SS20Q10H56	SS20Q10H14	Hollow
		Output OHL (lb)	1,560	SS20Q10HA56	SS20Q10HA14	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	2.59	SS20Q12L56	SS20Q12L14	Left
		Thermal input horsepower (hp)	4.80	SS20Q12R56	SS20Q12R14	Right
		Output torque (lb-in)	1,053	SS20Q12LR56	SS20Q12LR14	Left/Right
		Mechanical output horsepower (hp)	2.30	SS20Q12H56	SS20Q12H14	Hollow
		Output OHL (lb)	1,560	SS20Q12HA56	SS20Q12HA14	Hollow alt.
15	117	Mechanical input horsepower (hp)	2.30	SS20Q15L56	SS20Q15L14	Left
		Thermal input horsepower (hp)	4.37	SS20Q15R56	SS20Q15R14	Right
		Output torque (lb-in)	1,074	SS20Q15LR56	SS20Q15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	SS20Q15H56	SS20Q15H14	Hollow
		Output OHL (lb)	1,560	SS20Q15HA56	SS20Q15HA14	Hollow alt.
18	97	Mechanical input horsepower (hp)	1.94	SS20Q18L56	SS20Q18L14	Left
		Thermal input horsepower (hp)	3.88	SS20Q18R56	SS20Q18R14	Right
		Output torque (lb-in)	1,059	SS20Q18LR56	SS20Q18LR14	Left/Right
		Mechanical output horsepower (hp)	1.63	SS20Q18H56	SS20Q18H14	Hollow
		Output OHL (lb)	1,560	SS20Q18HA56	SS20Q18HA14	Hollow alt.
20	88	Mechanical input horsepower (hp)	1.77	SS20Q20L56	SS20Q20L14	Left
		Thermal input horsepower (hp)	3.62	SS20Q20R56	SS20Q20R14	Right
		Output torque (lb-in)	1,056	SS20Q20LR56	SS20Q20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	SS20Q20H56	SS20Q20H14	Hollow
		Output OHL (lb)	1,560	SS20Q20HA56	SS20Q20HA14	Hollow alt.
25	70	Mechanical input horsepower (hp)	1.52	SS20Q25L56	SS20Q25L14	Left
		Thermal input horsepower (hp)	2.82	SS20Q25R56	SS20Q25R14	Right
		Output torque (lb-in)	1,085	SS20Q25LR56	SS20Q25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	SS20Q25H56	SS20Q25H14	Hollow
		Output OHL (lb)	1,560	SS20Q25HA56	SS20Q25HA14	Hollow alt.
30	58	Mechanical input horsepower (hp)	1.30	SS20Q30L56	SS20Q30L14	Left
		Thermal input horsepower (hp)	2.36	SS20Q30R56	SS20Q30R14	Right
		Output torque (lb-in)	1,083	SS20Q30LR56	SS20Q30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	SS20Q30H56	SS20Q30H14	Hollow
		Output OHL (lb)	1,560	SS20Q30HA56	—	Hollow alt.
40	44	Mechanical input horsepower (hp)	1.06	SS20Q40L56	SS20Q40L14	Left
		Thermal input horsepower (hp)	1.78	SS20Q40R56	SS20Q40R14	Right
		Output torque (lb-in)	1,125	SS20Q40LR56	SS20Q40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	SS20Q40H56	SS20Q40H14	Hollow
		Output OHL (lb)	1,560	SS20Q40HA56	—	Hollow alt.
50	35	Mechanical input horsepower (hp)	0.82	SS20Q50L56		Left
		Thermal input horsepower (hp)	1.46	SS20Q50R56		Right
		Output torque (lb-in)	1,016	SS20Q50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	SS20Q50H56		Hollow
		Output OHL (lb)	1,560	SS20Q50HA56		Hollow alt.
60	29	Mechanical input horsepower (hp)	0.75	SS20Q60L56		Left
		Thermal input horsepower (hp)	1.25	SS20Q60R56		Right
		Output torque (lb-in)	1,042	SS20Q60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	SS20Q60H56		Hollow
		Output OHL (lb)	1,560	SS20Q60HA56		Hollow alt.

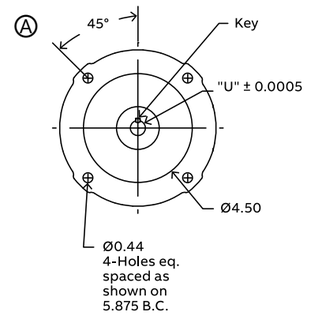
Note: Washdown accessories available in accessories section.

FoodSafe reducers with quill input – Size 20

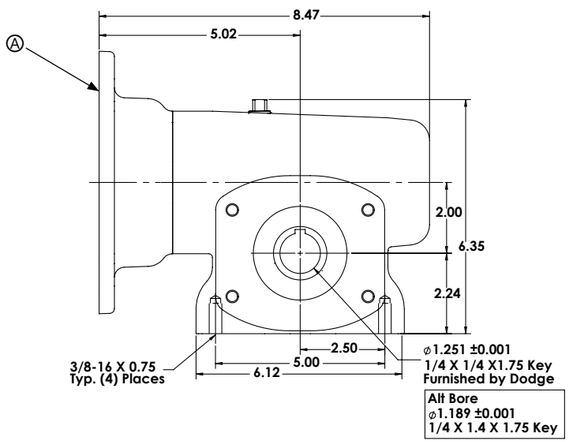
Solid output

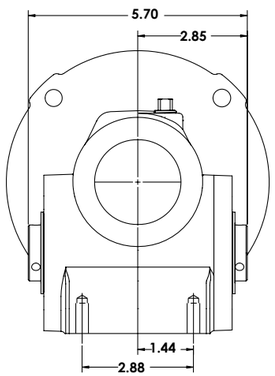


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.88 Key
140TC	Ø0.876	3/16 sq. x 1.88 Key



Hollow output





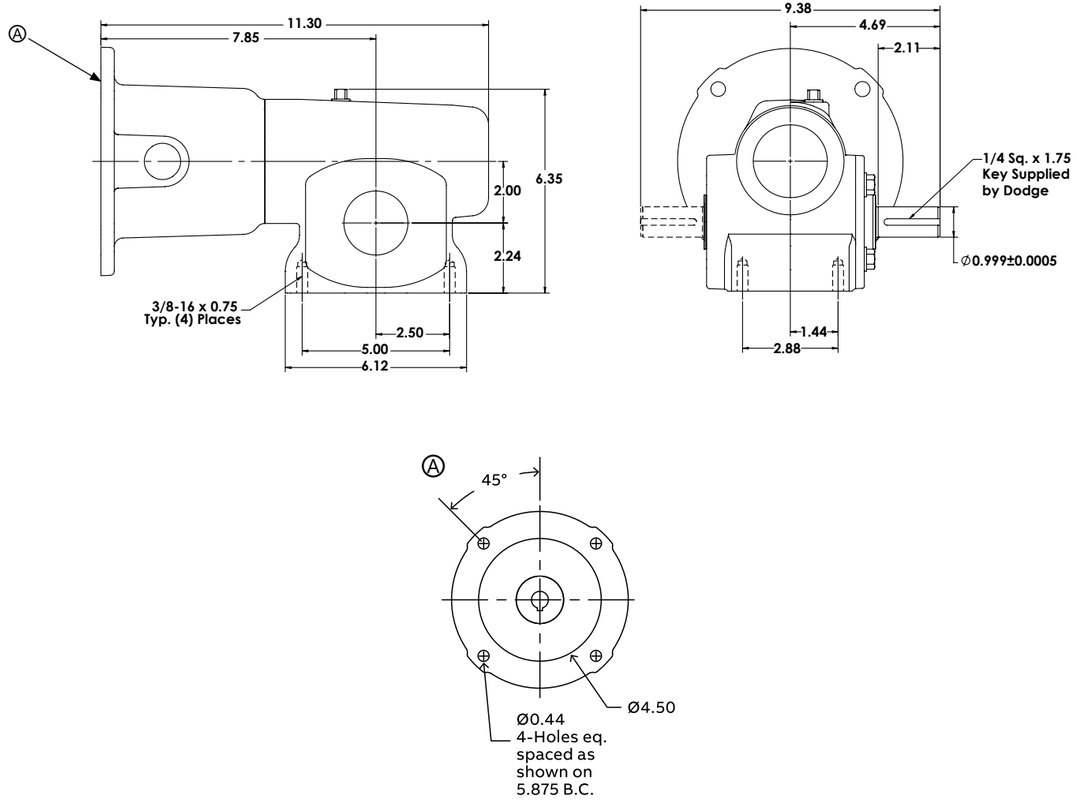
FoodSafe reducers with three-piece coupled – Size 20

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	Part number 140TC	Shaft position
4.1	438	Mechanical input horsepower (hp)	4.67	SS20A04L56	SS20A04L14	Left
		Thermal input horsepower (hp)	7.61	SS20A04R56	SS20A04R14	Right
		Output torque (lb-in)	625	SS20A04LR56	SS20A04LR14	Left/Right
		Mechanical output horsepower (hp)	4.34	SS20A04H56	SS20A04H14	Hollow
		Output OHL (lb)	1,380	SS20A04HA56	SS20A04HA14	Hollow alt.
5	350	Mechanical input horsepower (hp)	3.89	SS20A05L56	SS20A05L14	Left
		Thermal input horsepower (hp)	7.44	SS20A05R56	SS20A05R14	Right
		Output torque (lb-in)	652	SS20A05LR56	SS20A05LR14	Left/Right
		Mechanical output horsepower (hp)	3.62	SS20A05H56	SS20A05H14	Hollow
		Output OHL (lb)	1,380	SS20A05HA56	SS20A05HA14	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	3.50	SS20A07L56	SS20A07L14	Left
		Thermal input horsepower (hp)	6.39	SS20A07R56	SS20A07R14	Right
		Output torque (lb-in)	864	SS20A07LR56	SS20A07LR14	Left/Right
		Mechanical output horsepower (hp)	3.20	SS20A07H56	SS20A07H14	Hollow
		Output OHL (lb)	1,560	SS20A07HA56	SS20A07HA14	Hollow alt.
10	175	Mechanical input horsepower (hp)	3.13	SS20A10L56	SS20A10L14	Left
		Thermal input horsepower (hp)	5.47	SS20A10R56	SS20A10R14	Right
		Output torque (lb-in)	1,007	SS20A10LR56	SS20A10LR14	Left/Right
		Mechanical output horsepower (hp)	2.80	SS20A10H56	SS20A10H14	Hollow
		Output OHL (lb)	1,560	SS20A10HA56	SS20A10HA14	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	2.59	SS20A12L56	SS20A12L14	Left
		Thermal input horsepower (hp)	4.80	SS20A12R56	SS20A12R14	Right
		Output torque (lb-in)	1,053	SS20A12LR56	SS20A12LR14	Left/Right
		Mechanical output horsepower (hp)	2.30	SS20A12H56	SS20A12H14	Hollow
		Output OHL (lb)	1,560	SS20A12HA56	SS20A12HA14	Hollow alt.
15	117	Mechanical input horsepower (hp)	2.30	SS20A15L56	SS20A15L14	Left
		Thermal input horsepower (hp)	4.37	SS20A15R56	SS20A15R14	Right
		Output torque (lb-in)	1,074	SS20A15LR56	SS20A15LR14	Left/Right
		Mechanical output horsepower (hp)	1.99	SS20A15H56	SS20A15H14	Hollow
		Output OHL (lb)	1,560	SS20A15HA56	SS20A15HA14	Hollow alt.
18	97	Mechanical input horsepower (hp)	1.94	SS20A12L56	SS20A12L14	Left
		Thermal input horsepower (hp)	3.88	SS20A12R56	SS20A12R14	Right
		Output torque (lb-in)	1,059	SS20A12LR56	SS20A12LR14	Left/Right
		Mechanical output horsepower (hp)	1.63	SS20A12H56	SS20A12H14	Hollow
		Output OHL (lb)	1,560	SS20A12HA56	SS20A12HA14	Hollow alt.
20	88	Mechanical input horsepower (hp)	1.77	SS20A20L56	SS20A20L14	Left
		Thermal input horsepower (hp)	3.62	SS20A20R56	SS20A20R14	Right
		Output torque (lb-in)	1,056	SS20A20LR56	SS20A20LR14	Left/Right
		Mechanical output horsepower (hp)	1.47	SS20A20H56	SS20A20H14	Hollow
		Output OHL (lb)	1,560	SS20A20HA56	SS20A20HA14	Hollow alt.
25	70	Mechanical input horsepower (hp)	1.52	SS20A25L56	SS20A25L14	Left
		Thermal input horsepower (hp)	2.82	SS20A25R56	SS20A25R14	Right
		Output torque (lb-in)	1,085	SS20A25LR56	SS20A25LR14	Left/Right
		Mechanical output horsepower (hp)	1.21	SS20A25H56	SS20A25H14	Hollow
		Output OHL (lb)	1,560	SS20A25HA56	SS20A25HA14	Hollow alt.
30	58	Mechanical input horsepower (hp)	1.30	SS20A30L56	SS20A30L14	Left
		Thermal input horsepower (hp)	2.36	SS20A30R56	SS20A30R14	Right
		Output torque (lb-in)	1,083	SS20A30LR56	SS20A30LR14	Left/Right
		Mechanical output horsepower (hp)	1.00	SS20A30H56	SS20A30H14	Hollow
		Output OHL (lb)	1,560	SS20A30HA56	SS20A30HA14	Hollow alt.
40	44	Mechanical input horsepower (hp)	1.06	SS20A40L56	SS20A40L14	Left
		Thermal input horsepower (hp)	1.78	SS20A40R56	SS20A40R14	Right
		Output torque (lb-in)	1,125	SS20A40LR56	SS20A40LR14	Left/Right
		Mechanical output horsepower (hp)	0.79	SS20A40H56	SS20A40H14	Hollow
		Output OHL (lb)	1,560	SS20A40HA56	SS20A40HA14	Hollow alt.
50	35	Mechanical input horsepower (hp)	0.82	SS20A50L56		Left
		Thermal input horsepower (hp)	1.46	SS20A50R56		Right
		Output torque (lb-in)	1,016	SS20A50LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.56	SS20A50H56		Hollow
		Output OHL (lb)	1,560	SS20A50HA56		Hollow alt.
60	29	Mechanical input horsepower (hp)	0.75	SS20A60L56		Left
		Thermal input horsepower (hp)	1.25	SS20A60R56		Right
		Output torque (lb-in)	1,042	SS20A60LR56	—	Left/Right
		Mechanical output horsepower (hp)	0.48	SS20A60H56		Hollow
		Output OHL (lb)	1,560	SS20A60HA56		Hollow alt.

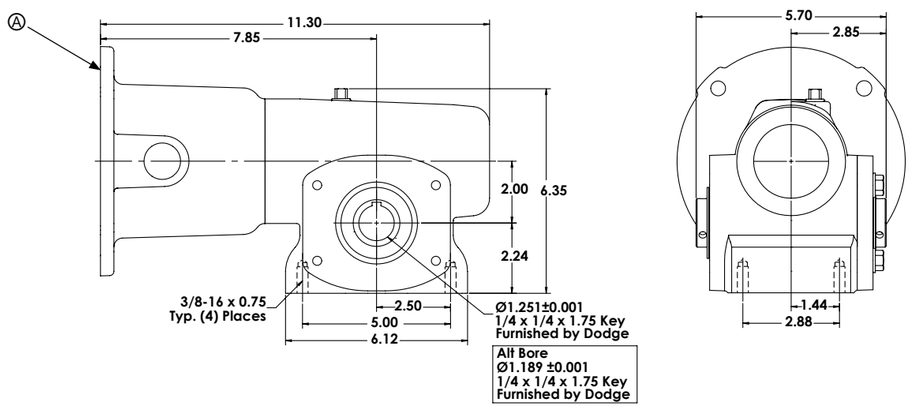
Note: Washdown accessories available in accessories section.

FoodSafe reducers with three-piece coupled – Size 20

Solid output



Hollow output



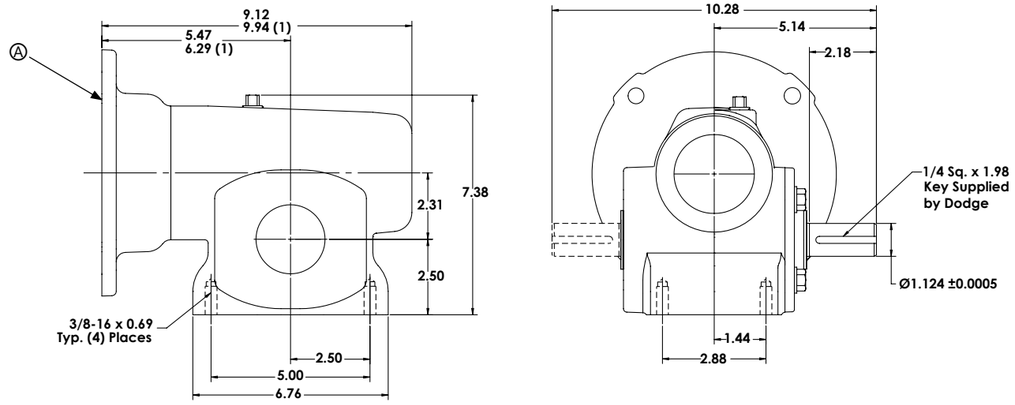
FoodSafe reducers with quill input – Size 23

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position
4.1	438	Mechanical input horsepower (hp)	7.28	SS23Q04L56	SS23Q04L14	SS23Q04L18	Left
		Thermal input horsepower (hp)	11.05	SS23Q04R56	SS23Q04R14	SS23Q04R18	Right
		Output torque (lb-in)	978	SS23Q04LR56	SS23Q04LR14	SS23Q04LR18	Left/Right
		Mechanical output horsepower (hp)	6.79	SS23Q04H56	SS23Q04H14	SS23Q04H18	Hollow
		Output OHL (lb)	1,330	SS23Q04HA56	SS23Q04HQ14	SS23Q04HQ18	Hollow alt.
5	350	Mechanical input horsepower (hp)	5.66	SS23Q05L56	SS23Q05L14	SS23Q05L18	Left
		Thermal input horsepower (hp)	10.51	SS23Q05R56	SS23Q05R14	SS23Q05R18	Right
		Output torque (lb-in)	949	SS23Q05LR56	SS23Q05LR14	SS23Q05LR18	Left/Right
		Mechanical output horsepower (hp)	5.27	SS23Q05H56	SS23Q05H14	SS23Q05H18	Hollow
		Output OHL (lb)	1,330	SS23Q05HA56	SS23Q05HA14	SS23Q05HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	4.96	SS23Q07L56	SS23Q07L14	SS23Q07L18	Left
		Thermal input horsepower (hp)	8.75	SS23Q07R56	SS23Q07R14	SS23Q07R18	Right
		Output torque (lb-in)	1,234	SS23Q07LR56	SS23Q07LR14	SS23Q07LR18	Left/Right
		Mechanical output horsepower (hp)	4.57	SS23Q07H56	SS23Q07H14	SS23Q07H18	Hollow
		Output OHL (lb)	1,520	SS23Q07HA56	SS23Q07HA14	SS23Q07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	4.22	SS23Q10L56	SS23Q10L14	SS23Q10L18	Left
		Thermal input horsepower (hp)	7.40	SS23Q10R56	SS23Q10R14	SS23Q10R18	Right
		Output torque (lb-in)	1,365	SS23Q10LR56	SS23Q10LR14	SS23Q10LR18	Left/Right
		Mechanical output horsepower (hp)	3.79	SS23Q10H56	SS23Q10H14	SS23Q10H18	Hollow
		Output OHL (lb)	1,610	SS23Q10HA56	SS23Q10HA14	SS23Q10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	3.82	SS23Q12L56	SS23Q12L14	SS23Q12L18	Left
		Thermal input horsepower (hp)	6.44	SS23Q12R56	SS23Q12R14	SS23Q12R18	Right
		Output torque (lb-in)	1,538	SS23Q12LR56	SS23Q12LR14	SS23Q12LR18	Left/Right
		Mechanical output horsepower (hp)	3.36	SS23Q12H56	SS23Q12H14	SS23Q12H18	Hollow
		Output OHL (lb)	1,610	SS23Q12HA56	SS23Q12HA14	SS23Q12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	3.36	SS23Q15L56	SS23Q15L14	SS23Q15L18	Left
		Thermal input horsepower (hp)	5.77	SS23Q15R56	SS23Q15R14	SS23Q15R18	Right
		Output torque (lb-in)	1,568	SS23Q15LR56	SS23Q15LR14	SS23Q15LR18	Left/Right
		Mechanical output horsepower (hp)	2.90	SS23Q15H56	SS23Q15H14	SS23Q15H18	Hollow
		Output OHL (lb)	1,610	SS23Q15HA56	SS23Q15HA14	SS23Q15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	2.61	SS23Q20L56	SS23Q20L14		Left
		Thermal input horsepower (hp)	4.61	SS23Q20R56	SS23Q20R14		Right
		Output torque (lb-in)	1,542	SS23Q20LR56	SS23Q20LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.14	SS23Q20H56	SS23Q20H14		Hollow
		Output OHL (lb)	1,610	SS23Q20HA56	SS23Q20HA14		Hollow alt.
25	70	Mechanical input horsepower (hp)	2.12	SS23Q25L56	SS23Q25L14		Left
		Thermal input horsepower (hp)	3.70	SS23Q25R56	SS23Q25R14		Right
		Output torque (lb-in)	1,527	SS23Q25LR56	SS23Q25LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.70	SS23Q25H56	SS23Q25H14		Hollow
		Output OHL (lb)	1,610	SS23Q25HA56	SS23Q25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	1.87	SS23Q30L56	SS23Q30L14		Left
		Thermal input horsepower (hp)	3.13	SS23Q30R56	SS23Q30R14		Right
		Output torque (lb-in)	1,580	SS23Q30LR56	SS23Q30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.46	SS23Q30H56	SS23Q30H14		Hollow
		Output OHL (lb)	1,610	SS23Q30HA56	SS23Q30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	1.51	SS23Q40L56	SS23Q40L14		Left
		Thermal input horsepower (hp)	2.39	SS23Q40R56	SS23Q40R14		Right
		Output torque (lb-in)	1,627	SS23Q40LR56	SS23Q40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.13	SS23Q40H56	SS23Q40H14		Hollow
		Output OHL (lb)	1,610	SS23Q40HA56	SS23Q40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.19	SS23Q50L56	SS23Q50L14		Left
		Thermal input horsepower (hp)	2.02	SS23Q50R56	SS23Q50R14		Right
		Output torque (lb-in)	1,489	SS23Q50LR56	SS23Q50LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.83	SS23Q50H56	SS23Q50H14		Hollow
		Output OHL (lb)	1,610	SS23Q50HA56	SS23Q50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.07	SS23Q60L56	SS23Q60L14		Left
		Thermal input horsepower (hp)	1.68	SS23Q60R56	SS23Q60R14		Right
		Output torque (lb-in)	1,475	SS23Q60LR56	SS23Q60LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.68	SS23Q60H56	SS23Q60H14		Hollow
		Output OHL (lb)	1,610	SS23Q60HA56	SS23Q60HA14		Hollow alt.

Note: Washdown accessories available in accessories section.
The output bore for hollow reducers listed above is 1-7/16". We also offer a 1-1/4"output bore.
To order, add "BD104" to the end of the part number. Example: SS23Q30H56BD104

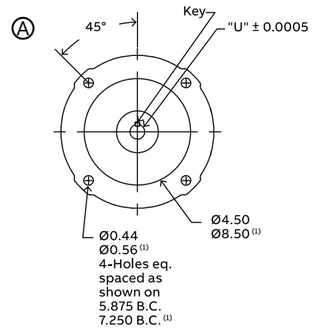
FoodSafe reducers with quill input – Size 23

Solid output



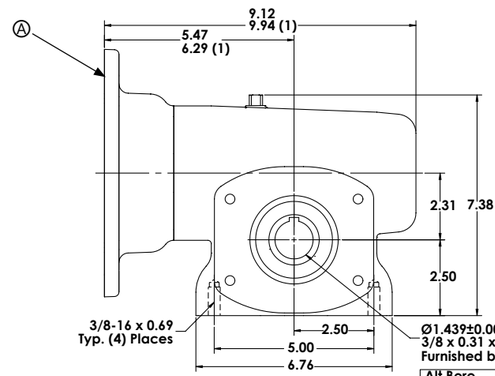
(1) NEMA 180TC Motor Frame

Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

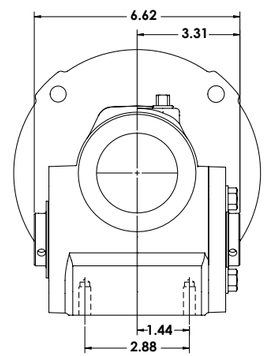
Hollow output



(1) NEMA 180TC Motor Frame

Alt Bore
Ø1.501 ±0.001
3/8 x 0.28 x 2.20 Key
Furnished by Dodge

23BD104
Ø1.251 ±0.001
1/4 x 1/4 x 2.20 Key
Furnished by Dodge



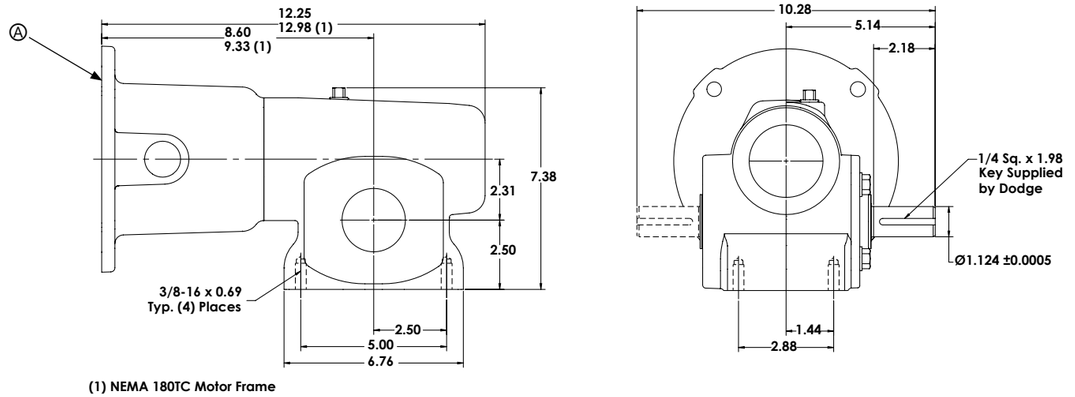
FoodSafe reducers with three-piece coupled – Size 23

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position
4.1	438	Mechanical input horsepower (hp)	7.28	SS23A04L56	SS23A04L14	SS23A04L18	Left
		Thermal input horsepower (hp)	11.05	SS23A04R56	SS23A04R14	SS23A04R18	Right
		Output torque (lb-in)	978	SS23A04LR56	SS23A04LR14	SS23A04LR18	Left/Right
		Mechanical output horsepower (hp)	6.79	SS23A04H56	SS23A04H14	SS23A04H18	Hollow
		Output OHL (lb)	1,330	SS23A04HA56	SS23A04HA14	SS23A04HA18	Hollow alt.
5	350	Mechanical input horsepower (hp)	5.66	SS23A05L56	SS23A05L14	SS23A05L18	Left
		Thermal input horsepower (hp)	10.51	SS23A05R56	SS23A05R14	SS23A05R18	Right
		Output torque (lb-in)	949	SS23A05LR56	SS23A05LR14	SS23A05LR18	Left/Right
		Mechanical output horsepower (hp)	5.27	SS23A05H56	SS23A05H14	SS23A05H18	Hollow
		Output OHL (lb)	1,330	SS23A05HA56	SS23A05HA14	SS23A05HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	4.96	SS23A07L56	SS23A07L14	SS23A07L18	Left
		Thermal input horsepower (hp)	8.75	SS23A07R56	SS23A07R14	SS23A07R18	Right
		Output torque (lb-in)	1,234	SS23A07LR56	SS23A07LR14	SS23A07LR18	Left/Right
		Mechanical output horsepower (hp)	4.57	SS23A07H56	SS23A07H14	SS23A07H18	Hollow
		Output OHL (lb)	1,520	SS23A07HA56	SS23A07HA14	SS23A07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	4.22	SS23A10L56	SS23A10L14	SS23A10L18	Left
		Thermal input horsepower (hp)	7.40	SS23A10R56	SS23A10R14	SS23A10R18	Right
		Output torque (lb-in)	1,365	SS23A10LR56	SS23A10LR14	SS23A10LR18	Left/Right
		Mechanical output horsepower (hp)	3.79	SS23A10H56	SS23A10H14	SS23A10H18	Hollow
		Output OHL (lb)	1,610	SS23A10HA56	SS23A10HA14	SS23A10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	3.82	SS23A12L56	SS23A12L14	SS23A12L18	Left
		Thermal input horsepower (hp)	6.44	SS23A12R56	SS23A12R14	SS23A12R18	Right
		Output torque (lb-in)	1,538	SS23A12LR56	SS23A12LR14	SS23A12LR18	Left/Right
		Mechanical output horsepower (hp)	3.36	SS23A12H56	SS23A12H14	SS23A12H18	Hollow
		Output OHL (lb)	1,610	SS23A12HA56	SS23A12HA14	SS23A12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	3.36	SS23A15L56	SS23A15L14	SS23A15L18	Left
		Thermal input horsepower (hp)	5.77	SS23A15R56	SS23A15R14	SS23A15R18	Right
		Output torque (lb-in)	1,568	SS23A15LR56	SS23A15LR14	SS23A15LR18	Left/Right
		Mechanical output horsepower (hp)	2.90	SS23A15H56	SS23A15H14	SS23A15H18	Hollow
		Output OHL (lb)	1,610	SS23A15HA56	SS23A15HA14	SS23A15HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	2.61	SS23A20L56	SS23A20L14		Left
		Thermal input horsepower (hp)	4.61	SS23A20R56	SS23A20R14		Right
		Output torque (lb-in)	1,542	SS23A20LR56	SS23A20LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.14	SS23A20H56	SS23A20H14		Hollow
		Output OHL (lb)	1,610	SS23A20HA56	SS23A20HA14		Hollow alt.
25	70	Mechanical input horsepower (hp)	2.12	SS23A25L56	SS23A25L14		Left
		Thermal input horsepower (hp)	3.70	SS23A25R56	SS23A25R14		Right
		Output torque (lb-in)	1,527	SS23A25LR56	SS23A25LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.70	SS23A25H56	SS23A25H14		Hollow
		Output OHL (lb)	1,610	SS23A25HA56	SS23A25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	1.87	SS23A30L56	SS23A30L14		Left
		Thermal input horsepower (hp)	3.13	SS23A30R56	SS23A30R14		Right
		Output torque (lb-in)	1,580	SS23A30LR56	SS23A30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.46	SS23A30H56	SS23A30H14		Hollow
		Output OHL (lb)	1,610	SS23A30HA56	SS23A30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	1.51	SS23A40L56	SS23A40L14		Left
		Thermal input horsepower (hp)	2.39	SS23A40R56	SS23A40R14		Right
		Output torque (lb-in)	1,627	SS23A40LR56	SS23A40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.13	SS23A40H56	SS23A40H14		Hollow
		Output OHL (lb)	1,610	SS23A40HA56	SS23A40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.19	SS23A50L56	SS23A50L14		Left
		Thermal input horsepower (hp)	2.02	SS23A50R56	SS23A50R14		Right
		Output torque (lb-in)	1,489	SS23A50LR56	SS23A50LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.83	SS23A50H56	SS23A50H14		Hollow
		Output OHL (lb)	1,610	SS23A50HA56	SS23A50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.07	SS23A60L56	SS23A60L14		Left
		Thermal input horsepower (hp)	1.68	SS23A60R56	SS23A60R14		Right
		Output torque (lb-in)	1,475	SS23A60LR56	SS23A60LR14	—	Left/Right
		Mechanical output horsepower (hp)	0.68	SS23A60H56	SS23A60H14		Hollow
		Output OHL (lb)	1,610	SS23A60HA56	SS23A60HA14		Hollow alt.

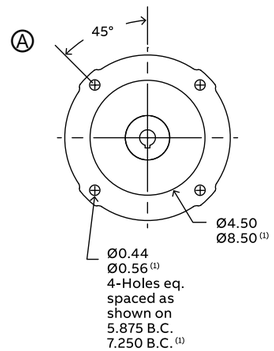
Note: Washdown accessories available in accessories section.
The output bore for hollow reducers listed above is 1-7/16". We also offer a 1-1/4" output bore.
To order, add "BD104" to the end of the part number. Example: SS23A30H56BD104

FoodSafe reducers with three-piece coupled – Size 23

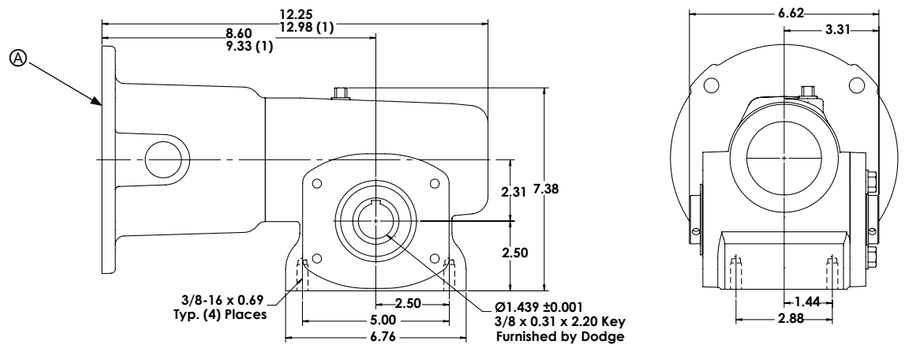
Solid output



(1) NEMA 180TC Motor Frame



Hollow output



(1)NEMA 180TC Motor Frame

Alt Bore
Ø1.501 ±0.001
3/8 x 0.28 x 2.20 Key
Furnished by Dodge

23BD104
Ø1.251 ±0.001
1/4 x 1/4 x 2.20 Key
Furnished by Dodge

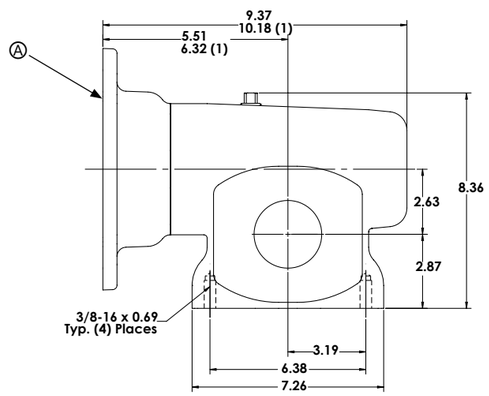
FoodSafe reducers with quill input – Size 26

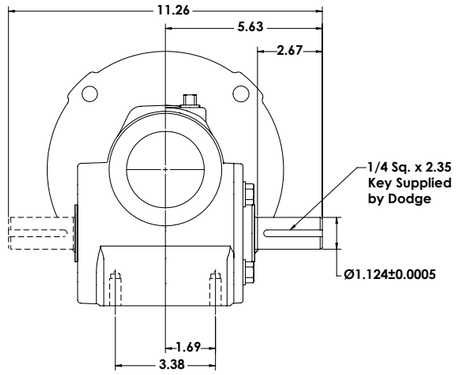
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position
5	350	Mechanical input horsepower (hp)	7.71	—	SS26Q05L14	SS26Q05L18	Left
		Thermal input horsepower (hp)	13.54		SS26Q05R14	SS26Q05R18	Right
		Output torque (lb-in)	1,305		SS26Q05LR14	SS26Q05LR18	Left/Right
		Mechanical output horsepower (hp)	7.25		SS26Q05H14	SS26Q05H18	Hollow
		Output OHL (lb)	1,330		SS26Q05HA14	SS26Q05HA18	Hollow alt.
6.5	269	Mechanical input horsepower (hp)	7.34	SS26Q06L56	SS26Q06L14	SS26Q06L18	Left
		Thermal input horsepower (hp)	11.96	SS26Q06R56	SS26Q06R14	SS26Q06R18	Right
		Output torque (lb-in)	1,594	SS26Q06LR56	SS26Q06LR14	SS26Q06LR18	Left/Right
		Mechanical output horsepower (hp)	6.81	SS26Q06H56	SS26Q06H14	SS26Q06H18	Hollow
		Output OHL (lb)	1,450	SS26Q06HA56	SS26Q06HQ14	SS26Q06HQ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	6.98	SS26Q07L56	SS26Q07L14	SS26Q07L18	Left
		Thermal input horsepower (hp)	11.15	SS26Q07R56	SS26Q07R14	SS26Q07R18	Right
		Output torque (lb-in)	1,742	SS26Q07LR56	SS26Q07LR14	SS26Q07LR18	Left/Right
		Mechanical output horsepower (hp)	6.45	SS26Q07H56	SS26Q07H14	SS26Q07H18	Hollow
		Output OHL (lb)	1,520	SS26Q07HA56	SS26Q07HA14	SS26Q07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	6.02	SS26Q10L56	SS26Q10L14	SS26Q10L18	Left
		Thermal input horsepower (hp)	9.28	SS26Q10R56	SS26Q10R14	SS26Q10R18	Right
		Output torque (lb-in)	1,962	SS26Q10LR56	SS26Q10LR14	SS26Q10LR18	Left/Right
		Mechanical output horsepower (hp)	5.45	SS26Q10H56	SS26Q10H14	SS26Q10H18	Hollow
		Output OHL (lb)	1,610	SS26Q10HA56	SS26Q10HA14	SS26Q10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	5.12	SS26Q12L56	SS26Q12L14	SS26Q12L18	Left
		Thermal input horsepower (hp)	7.94	SS26Q12R56	SS26Q12R14	SS26Q12R18	Right
		Output torque (lb-in)	2,084	SS26Q12LR56	SS26Q12LR14	SS26Q12LR18	Left/Right
		Mechanical output horsepower (hp)	4.56	SS26Q12H56	SS26Q12H14	SS26Q12H18	Hollow
		Output OHL (lb)	1,610	SS26Q12HA56	SS26Q12HA14	SS26Q12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	4.25	SS26Q15L56	SS26Q15L14	SS26Q15L18	Left
		Thermal input horsepower (hp)	6.20	SS26Q15R56	SS26Q15R14	SS26Q15R18	Right
		Output torque (lb-in)	2,004	SS26Q15LR56	SS26Q15LR14	SS26Q15LR18	Left/Right
		Mechanical output horsepower (hp)	3.71	SS26Q15H56	SS26Q15H14	SS26Q15H18	Hollow
		Output OHL (lb)	1,610	SS26Q15HA56	SS26Q15HA14	SS26Q15HA18	Hollow alt.
18	97	Mechanical input horsepower (hp)	3.76	SS26Q18L56	SS26Q18L14	SS26Q18L18	Left
		Thermal input horsepower (hp)	6.05	SS26Q18R56	SS26Q18R14	SS26Q18R18	Right
		Output torque (lb-in)	2,101	SS26Q18LR56	SS26Q18LR14	SS26Q18LR18	Left/Right
		Mechanical output horsepower (hp)	3.24	SS26Q18H56	SS26Q18H14	SS26Q18H18	Hollow
		Output OHL (lb)	1,610	SS26Q18HA56	SS26Q18HA14	SS26Q18HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	3.38	SS26Q20L56	SS26Q20L14	SS26Q20L18	Left
		Thermal input horsepower (hp)	5.41	SS26Q20R56	SS26Q20R14	SS26Q20R18	Right
		Output torque (lb-in)	2,084	SS26Q20LR56	SS26Q20LR14	SS26Q20LR18	Left/Right
		Mechanical output horsepower (hp)	2.89	SS26Q20H56	SS26Q20H14	SS26Q20H18	Hollow
		Output OHL (lb)	1,610	SS26Q20HA56	SS26Q20HA14	SS26Q20HA18	Hollow alt.
25	70	Mechanical input horsepower (hp)	2.71	SS26Q25L56	SS26Q25L14		Left
		Thermal input horsepower (hp)	4.49	SS26Q25R56	SS26Q25R14		Right
		Output torque (lb-in)	2,008	SS26Q25LR56	SS26Q25LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.23	SS26Q25H56	SS26Q25H14		Hollow
		Output OHL (lb)	1,610	SS26Q25HA56	SS26Q25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	2.51	SS26Q30L56	SS26Q30L14		Left
		Thermal input horsepower (hp)	3.96	SS26Q30R56	SS26Q30R14		Right
		Output torque (lb-in)	2,142	SS26Q30LR56	SS26Q30LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.98	SS26Q30H56	SS26Q30H14		Hollow
		Output OHL (lb)	1,610	SS26Q30HA56	SS26Q30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	2.12	SS26Q40L56	SS26Q40L14		Left
		Thermal input horsepower (hp)	3.05	SS26Q40R56	SS26Q40R14		Right
		Output torque (lb-in)	2,306	SS26Q40LR56	SS26Q40LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.60	SS26Q40H56	SS26Q40H14		Hollow
		Output OHL (lb)	1,610	SS26Q40HA56	SS26Q40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.61	SS26Q50L56	SS26Q50L14		Left
		Thermal input horsepower (hp)	2.59	SS26Q50R56	SS26Q50R14		Right
		Output torque (lb-in)	2,021	SS26Q50LR56	SS26Q50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.12	SS26Q50H56	SS26Q50H14		Hollow
		Output OHL (lb)	1,610	SS26Q50HA56	SS26Q50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.51	SS26Q60L56	SS26Q60L14		Left
		Thermal input horsepower (hp)	2.11	SS26Q60R56	SS26Q60R14		Right
		Output torque (lb-in)	2,176	SS26Q60LR56	SS26Q60LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.01	SS26Q60H56	SS26Q60H14		Hollow
		Output OHL (lb)	1,610	SS26Q60HA56	SS26Q60HA14		Hollow alt.
80	22	Mechanical input horsepower (hp)	1.16	SS26Q80L56			Left
		Thermal input horsepower (hp)	1.74	SS26Q80R56			Right
		Output torque (lb-in)	2,161	SS26Q80LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.75	SS26Q80H56			Hollow
		Output OHL (lb)	1,610	SS26Q80HA56			Hollow alt.
100	18	Mechanical input horsepower (hp)	0.77	SS26Q100L56			Left
		Thermal input horsepower (hp)	1.07	SS26Q100R56			Right
		Output torque (lb-in)	1,440	SS26Q100LR56	—	—	Left/Right
		Mechanical output horsepower (hp)	0.40	SS26Q100H56			Hollow
		Output OHL (lb)	1,610	SS26Q100HA56			Hollow alt.

Note: Washdown accessories available in accessories section.
The output bore for hollow reducers listed above is 1-7/16".
We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: SS26Q30H56BD104

FoodSafe reducers with quill input – Size 26

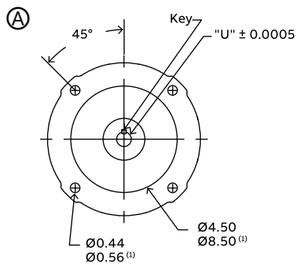
Solid output





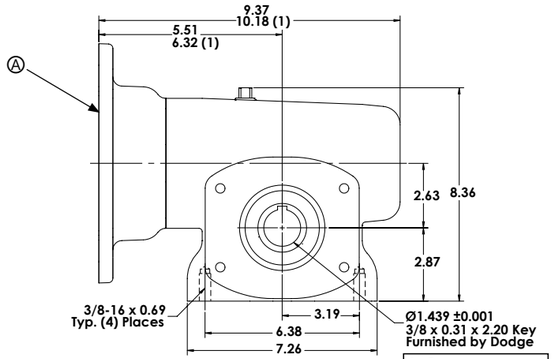
(1) NEMA 180TC Motor Frame

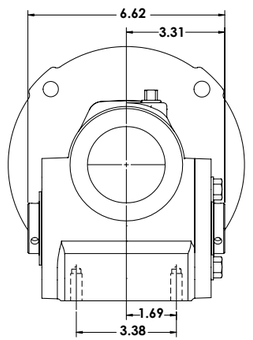
Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

Hollow output





(1) NEMA 180TC Motor Frame

Alt Bore
Ø1.689 ±0.001
3/8 x 0.31 x 2.20 Key
Furnished by Dodge

26BD104
Ø1.251±0.001
1/4 x 1/4 x 2.20 Key
Furnished by Dodge

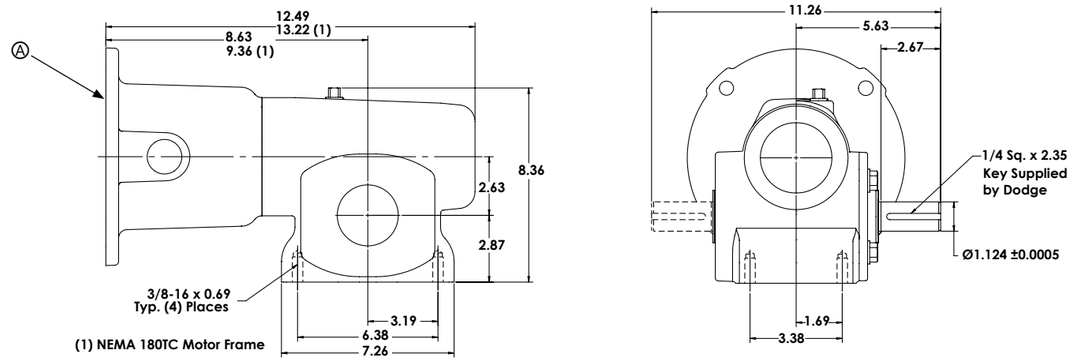
FoodSafe reducers with three-piece coupled – Size 26

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position
5	350	Mechanical input horsepower (hp)	7.71	—	SS26A05L14	SS26A05L18	Left
		Thermal input horsepower (hp)	13.54		SS26A05R14	SS26A05R18	Right
		Output torque (lb-in)	1,305		SS26A05LR14	SS26A05LR18	Left/Right
		Mechanical output horsepower (hp)	7.25		SS26A05H14	SS26A05H18	Hollow
		Output OHL (lb)	1,330		SS26A05HA14	SS26A05HA18	Hollow alt.
6.5	269	Mechanical input horsepower (hp)	7.34	SS26A06L56	SS26A06L14	SS26A06L18	Left
		Thermal input horsepower (hp)	11.96	SS26A06R56	SS26A06R14	SS26A06R18	Right
		Output torque (lb-in)	1,594	SS26A06LR56	SS26A06LR14	SS26A06LR18	Left/Right
		Mechanical output horsepower (hp)	6.81	SS26A06H56	SS26A06H14	SS26A06H18	Hollow
		Output OHL (lb)	1,450	SS26A06HA56	SS26A06HA14	SS26A06HA18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	6.98	SS26A07L56	SS26A07L14	SS26A07L18	Left
		Thermal input horsepower (hp)	11.15	SS26A07R56	SS26A07R14	SS26A07R18	Right
		Output torque (lb-in)	1,742	SS26A07LR56	SS26A07LR14	SS26A07LR18	Left/Right
		Mechanical output horsepower (hp)	6.45	SS26A07H56	SS26A07H14	SS26A07H18	Hollow
		Output OHL (lb)	1,520	SS26A07HA56	SS26A07HA14	SS26A07HA18	Hollow alt.
10	175	Mechanical input horsepower (hp)	6.02	SS26A10L56	SS26A10L14	SS26A10L18	Left
		Thermal input horsepower (hp)	9.28	SS26A10R56	SS26A10R14	SS26A10R18	Right
		Output torque (lb-in)	1,962	SS26A10LR56	SS26A10LR14	SS26A10LR18	Left/Right
		Mechanical output horsepower (hp)	5.45	SS26A10H56	SS26A10H14	SS26A10H18	Hollow
		Output OHL (lb)	1,610	SS26A10HA56	SS26A10HA14	SS26A10HA18	Hollow alt.
12.7	138	Mechanical input horsepower (hp)	5.12	SS26A12L56	SS26A12L14	SS26A12L18	Left
		Thermal input horsepower (hp)	7.94	SS26A12R56	SS26A12R14	SS26A12R18	Right
		Output torque (lb-in)	2,084	SS26A12LR56	SS26A12LR14	SS26A12LR18	Left/Right
		Mechanical output horsepower (hp)	4.56	SS26A12H56	SS26A12H14	SS26A12H18	Hollow
		Output OHL (lb)	1,610	SS26A12HA56	SS26A12HA14	SS26A12HA18	Hollow alt.
15	117	Mechanical input horsepower (hp)	4.25	SS26A15L56	SS26A15L14	SS26A15L18	Left
		Thermal input horsepower (hp)	6.20	SS26A15R56	SS26A15R14	SS26A15R18	Right
		Output torque (lb-in)	2,004	SS26A15LR56	SS26A15LR14	SS26A15LR18	Left/Right
		Mechanical output horsepower (hp)	3.71	SS26A15H56	SS26A15H14	SS26A15H18	Hollow
		Output OHL (lb)	1,610	SS26A15HA56	SS26A15HA14	SS26A15HA18	Hollow alt.
18	97	Mechanical input horsepower (hp)	3.76	SS26A18L56	SS26A18L14	SS26A18L18	Left
		Thermal input horsepower (hp)	6.05	SS26A18R56	SS26A18R14	SS26A18R18	Right
		Output torque (lb-in)	2,101	SS26A18LR56	SS26A18LR14	SS26A18LR18	Left/Right
		Mechanical output horsepower (hp)	3.24	SS26A18H56	SS26A18H14	SS26A18H18	Hollow
		Output OHL (lb)	1,610	SS26A18HA56	SS26A18HA14	SS26A18HA18	Hollow alt.
20	88	Mechanical input horsepower (hp)	3.38	SS26A20L56	SS26A20L14	SS26A20L18	Left
		Thermal input horsepower (hp)	5.41	SS26A20R56	SS26A20R14	SS26A20R18	Right
		Output torque (lb-in)	2,084	SS26A20LR56	SS26A20LR14	SS26A20LR18	Left/Right
		Mechanical output horsepower (hp)	2.89	SS26A20H56	SS26A20H14	SS26A20H18	Hollow
		Output OHL (lb)	1,610	SS26A20HA56	SS26A20HA14	SS26A20HA18	Hollow alt.
25	70	Mechanical input horsepower (hp)	2.71	SS26A25L56	SS26A25L14	—	Left
		Thermal input horsepower (hp)	4.49	SS26A25R56	SS26A25R14		Right
		Output torque (lb-in)	2,008	SS26A25LR56	SS26A25LR14		Left/Right
		Mechanical output horsepower (hp)	2.23	SS26A25H56	SS26A25H14		Hollow
		Output OHL (lb)	1,610	SS26A25HA56	SS26A25HA14		Hollow alt.
30	58	Mechanical input horsepower (hp)	2.51	SS26A30L56	SS26A30L14	—	Left
		Thermal input horsepower (hp)	3.96	SS26A30R56	SS26A30R14		Right
		Output torque (lb-in)	2,142	SS26A30LR56	SS26A30LR14		Left/Right
		Mechanical output horsepower (hp)	1.98	SS26A30H56	SS26A30H14		Hollow
		Output OHL (lb)	1,610	SS26A30HA56	SS26A30HA14		Hollow alt.
40	44	Mechanical input horsepower (hp)	2.12	SS26A40L56	SS26A40L14	—	Left
		Thermal input horsepower (hp)	3.05	SS26A40R56	SS26A40R14		Right
		Output torque (lb-in)	2,306	SS26A40LR56	SS26A40LR14		Left/Right
		Mechanical output horsepower (hp)	1.60	SS26A40H56	SS26A40H14		Hollow
		Output OHL (lb)	1,610	SS26A40HA56	SS26A40HA14		Hollow alt.
50	35	Mechanical input horsepower (hp)	1.61	SS26A50L56	SS26A50L14	—	Left
		Thermal input horsepower (hp)	2.59	SS26A50R56	SS26A50R14		Right
		Output torque (lb-in)	2,021	SS26A50LR56	SS26A50LR14		Left/Right
		Mechanical output horsepower (hp)	1.12	SS26A50H56	SS26A50H14		Hollow
		Output OHL (lb)	1,610	SS26A50HA56	SS26A50HA14		Hollow alt.
60	29	Mechanical input horsepower (hp)	1.51	SS26A60L56	SS26A60L14	—	Left
		Thermal input horsepower (hp)	2.11	SS26A60R56	SS26A60R14		Right
		Output torque (lb-in)	2,176	SS26A60LR56	SS26A60LR14		Left/Right
		Mechanical output horsepower (hp)	1.01	SS26A60H56	SS26A60H14		Hollow
		Output OHL (lb)	1,610	SS26A60HA56	SS26A60HA14		Hollow alt.
80	22	Mechanical input horsepower (hp)	1.16	SS26A80L56	—	—	Left
		Thermal input horsepower (hp)	1.74	SS26A80R56			Right
		Output torque (lb-in)	2,161	SS26A80LR56			Left/Right
		Mechanical output horsepower (hp)	0.75	SS26A80H56			Hollow
		Output OHL (lb)	1,610	SS26A80HA56			Hollow alt.
100	18	Mechanical input horsepower (hp)	0.77	SS26A100L56	—	—	Left
		Thermal input horsepower (hp)	1.07	SS26A100R56			Right
		Output torque (lb-in)	1,440	SS26A100LR56			Left/Right
		Mechanical output horsepower (hp)	0.40	SS26A100H56			Hollow
		Output OHL (lb)	1,610	SS26A100HA56			Hollow alt.

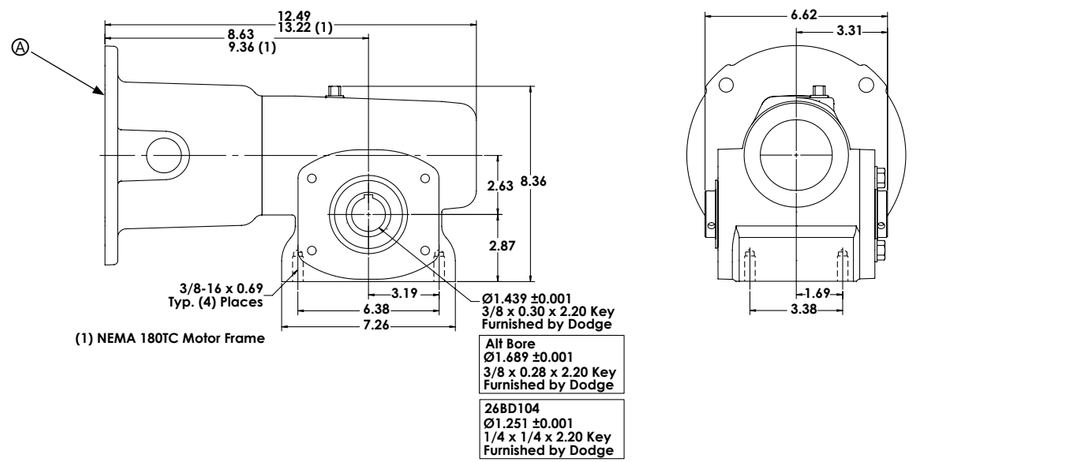
Note: Washdown accessories available in accessories section.
The output bore for hollow reducers listed above is 1-7/16".
We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: SS26A30H56BD104

FoodSafe reducers with three-piece coupled – Size 26

Solid output



Hollow output



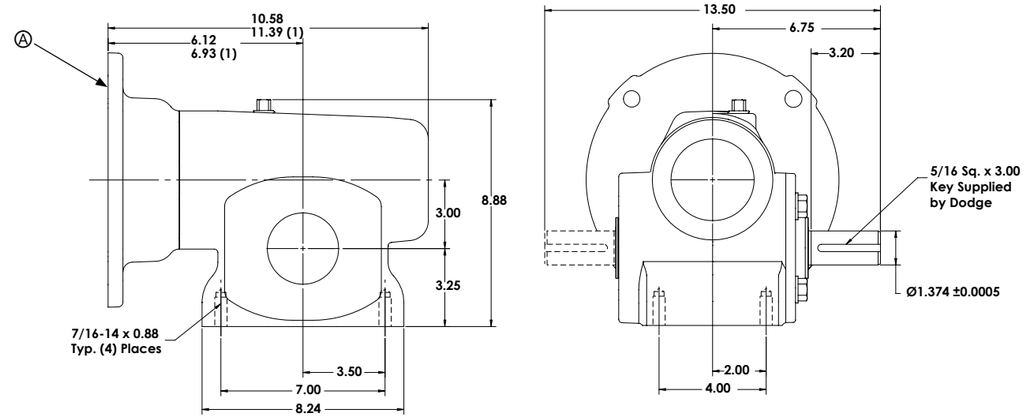
FoodSafe reducers with quill input – Size 30

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position
5	350	Mechanical input horsepower (hp)	11.65	—	SS30Q05L14	SS30Q05L18	Left
		Thermal input horsepower (hp)	16.78		SS30Q05R14	SS30Q05R18	Right
		Output torque (lb-in)	1,987		SS30Q05LR14	SS30Q05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		SS30Q05H14	SS30Q05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
6.5	269	Mechanical input horsepower (hp)	10.96	—	SS30Q06L14	SS30Q06L18	Left
		Thermal input horsepower (hp)	15.06		SS30Q06R14	SS30Q06R18	Right
		Output torque (lb-in)	2,407		SS30Q06LR14	SS30Q06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		SS30Q06H14	SS30Q06H18	Hollow
		Output OHL (lb)	1,460		SS30Q06HQ14	SS30Q06HQ18	Hollow alt.
7.5	233	Mechanical input horsepower (hp)	10.42	—	SS30Q07L14	SS30Q07L18	Left
		Thermal input horsepower (hp)	14.17		SS30Q07R14	SS30Q07R18	Right
		Output torque (lb-in)	2,623		SS30Q07LR14	SS30Q07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		SS30Q07H14	SS30Q07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
10	175	Mechanical input horsepower (hp)	8.71	—	SS30Q10L14	SS30Q10L18	Left
		Thermal input horsepower (hp)	11.97		SS30Q10R14	SS30Q10R18	Right
		Output torque (lb-in)	2,876		SS30Q10LR14	SS30Q10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		SS30Q10H14	SS30Q10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
15	117	Mechanical input horsepower (hp)	7.04	—	SS30Q15L14	SS30Q15L18	Left
		Thermal input horsepower (hp)	8.85		SS30Q15R14	SS30Q15R18	Right
		Output torque (lb-in)	3,339		SS30Q15LR14	SS30Q15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		SS30Q15H14	SS30Q15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
20	88	Mechanical input horsepower (hp)	5.03	SS30Q20L56	SS30Q20L14	SS30Q20L18	Left
		Thermal input horsepower (hp)	6.95	SS30Q20R56	SS30Q20R14	SS30Q20R18	Right
		Output torque (lb-in)	3,101	SS30Q20LR56	SS30Q20LR14	SS30Q20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	SS30Q20H56	SS30Q20H14	SS30Q20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
25	70	Mechanical input horsepower (hp)	4.22	SS30Q25L56	SS30Q25L14	SS30Q25L18	Left
		Thermal input horsepower (hp)	5.52	SS30Q25R56	SS30Q25R14	SS30Q25R18	Right
		Output torque (lb-in)	3,165	SS30Q25LR56	SS30Q25LR14	SS30Q25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	SS30Q25H56	SS30Q25H14	SS30Q25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
30	58	Mechanical input horsepower (hp)	3.35	SS30Q30L56	SS30Q30L14	SS30Q30L18	Left
		Thermal input horsepower (hp)	4.96	SS30Q30R56	SS30Q30R14	SS30Q30R18	Right
		Output torque (lb-in)	2,950	SS30Q30LR56	SS30Q30LR14	SS30Q30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	SS30Q30H56	SS30Q30H14	SS30Q30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
40	44	Mechanical input horsepower (hp)	2.60	SS30Q40L56	SS30Q40L14	—	Left
		Thermal input horsepower (hp)	3.74	SS30Q40R56	SS30Q40R14		Right
		Output torque (lb-in)	2,884	SS30Q40LR56	SS30Q40LR14		Left/Right
		Mechanical output horsepower (hp)	2.00	SS30Q40H56	SS30Q40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
50	35	Mechanical input horsepower (hp)	2.16	SS30Q50L56	SS30Q50L14	—	Left
		Thermal input horsepower (hp)	3.12	SS30Q50R56	SS30Q50R14		Right
		Output torque (lb-in)	2,777	SS30Q50LR56	SS30Q50LR14		Left/Right
		Mechanical output horsepower (hp)	1.54	SS30Q50H56	SS30Q50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
60	29	Mechanical input horsepower (hp)	2.11	SS30Q60L56	SS30Q60L14	—	Left
		Thermal input horsepower (hp)	2.67	SS30Q60R56	SS30Q60R14		Right
		Output torque (lb-in)	3,009	SS30Q60LR56	SS30Q60LR14		Left/Right
		Mechanical Output (hp)	1.39	SS30Q60H56	SS30Q60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

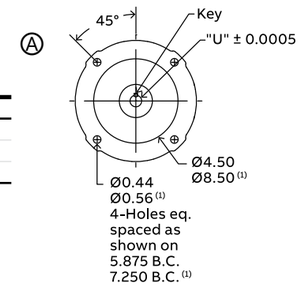
Note: Washdown accessories available in accessories section. The output bore for hollow reducers listed above is 1-15/16".
We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: SS30Q30H56BD104

FoodSafe reducers with quill input – Size 30

Solid output

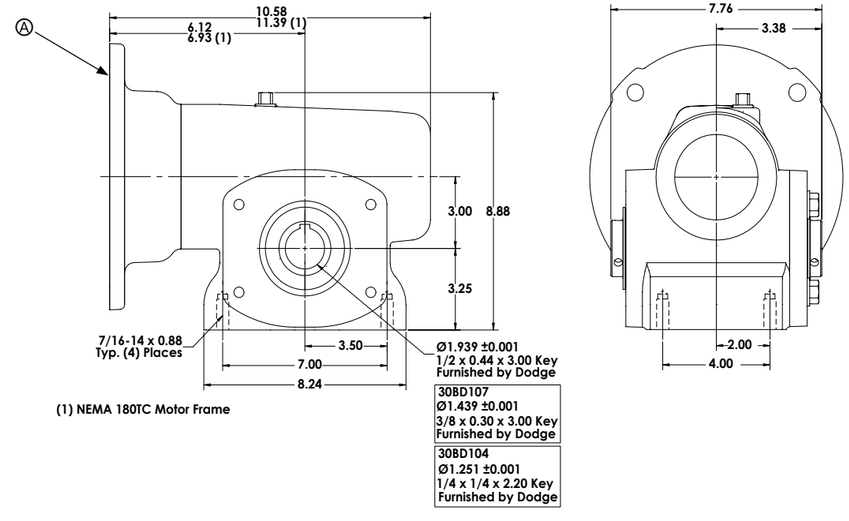


Motor frame	"U"	Key
56C	Ø0.626	3/16 sq. x 1.72 Key
140TC	Ø0.876	3/16 sq. x 1.72 Key
180TC	Ø1.126	1/4 sq. x 2.36 Key



(1) 180 Frame motor adapter

Hollow output



(1) NEMA 180TC Motor Frame

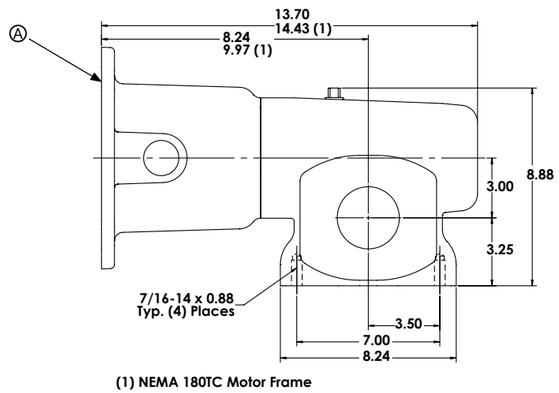
FoodSafe reducers with three-piece coupled – Size 30

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number 56C	140TC	180TC	Shaft position
		Mechanical input horsepower (hp)	11.65		SS30A05L14	SS30A05L18	Left
		Thermal input horsepower (hp)	16.78		SS30A05R14	SS30A05R18	Right
5	350	Output torque (lb-in)	1,987	—	SS30A05LR14	SS30A05LR18	Left/Right
		Mechanical output horsepower (hp)	11.03		SS30A05H14	SS30A05H18	Hollow
		Output OHL (lb)	1,330		—	—	—
		Mechanical input horsepower (hp)	10.96		SS30A06L14	SS30A06L18	Left
		Thermal input horsepower (hp)	15.06		SS30A06R14	SS30A06R18	Right
6.5	269	Output torque (lb-in)	2,407	—	SS30A06LR14	SS30A06LR18	Left/Right
		Mechanical output horsepower (hp)	10.28		SS30A06H14	SS30A06H18	Hollow
		Output OHL (lb)	1,460		SS30A06HA14	SS30A06HA18	Hollow alt.
		Mechanical input horsepower (hp)	10.42		SS30A07L14	SS30A07L18	Left
		Thermal input horsepower (hp)	14.17		SS30A07R14	SS30A07R18	Right
7.5	233	Output torque (lb-in)	2,623	—	SS30A07LR14	SS30A07LR18	Left/Right
		Mechanical output horsepower (hp)	9.71		SS30A07H14	SS30A07H18	Hollow
		Output OHL (lb)	1,540		—	—	—
		Mechanical input horsepower (hp)	8.71		SS30A10L14	SS30A10L18	Left
		Thermal input horsepower (hp)	11.97		SS30A10R14	SS30A10R18	Right
10	175	Output torque (lb-in)	2,876	—	SS30A10LR14	SS30A10LR18	Left/Right
		Mechanical output horsepower (hp)	7.99		SS30A10H14	SS30A10H18	Hollow
		Output OHL (lb)	1,720		—	—	—
		Mechanical input horsepower (hp)	7.04		SS30A15L14	SS30A15L18	Left
		Thermal input horsepower (hp)	8.85		SS30A15R14	SS30A15R18	Right
15	117	Output torque (lb-in)	3,339	—	SS30A15LR14	SS30A15LR18	Left/Right
		Mechanical output horsepower (hp)	6.18		SS30A15H14	SS30A15H18	Hollow
		Output OHL (lb)	2,300		—	—	—
		Mechanical input horsepower (hp)	5.03	SS30A20L56	SS30A20L14	SS30A20L18	Left
		Thermal input horsepower (hp)	6.95	SS30A20R56	SS30A20R14	SS30A20R18	Right
20	88	Output torque (lb-in)	3,101	SS30A20LR56	SS30A20LR14	SS30A20LR18	Left/Right
		Mechanical output horsepower (hp)	4.31	SS30A20H56	SS30A20H14	SS30A20H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	4.22	SS30A25L56	SS30A25L14	SS30A25L18	Left
		Thermal input horsepower (hp)	5.52	SS30A25R56	SS30A25R14	SS30A25R18	Right
25	70	Output torque (lb-in)	3,165	SS30A25LR56	SS30A25LR14	SS30A25LR18	Left/Right
		Mechanical output horsepower (hp)	3.52	SS30A25H56	SS30A25H14	SS30A25H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	3.35	SS30A30L56	SS30A30L14	SS30A30L18	Left
		Thermal input horsepower (hp)	4.96	SS30A30R56	SS30A30R14	SS30A30R18	Right
30	58	Output torque (lb-in)	2,950	SS30A30LR56	SS30A30LR14	SS30A30LR18	Left/Right
		Mechanical output horsepower (hp)	2.73	SS30A30H56	SS30A30H14	SS30A30H18	Hollow
		Output OHL (lb)	2,300	—	—	—	—
		Mechanical input horsepower (hp)	2.60	SS30A40L56	SS30A40L14		Left
		Thermal input horsepower (hp)	3.74	SS30A40R56	SS30A40R14		Right
40	44	Output torque (lb-in)	2,884	SS30A40LR56	SS30A40LR14	—	Left/Right
		Mechanical output horsepower (hp)	2.00	SS30A40H56	SS30A40H14		Hollow
		Output OHL (lb)	2,300	—	—		—
		Mechanical input horsepower (hp)	2.16	SS30A50L56	SS30A50L14		Left
		Thermal input horsepower (hp)	3.12	SS30A50R56	SS30A50R14		Right
50	35	Output torque (lb-in)	2,777	SS30A50LR56	SS30A50LR14	—	Left/Right
		Mechanical output horsepower (hp)	1.54	SS30A50H56	SS30A50H14		Hollow
		Output OHL (lb)	2,300	—	—		—
		Mechanical input horsepower (hp)	2.11	SS30A60L56	SS30A60L14		Left
		Thermal input horsepower (hp)	2.67	SS30A60R56	SS30A60R14		Right
60	29	Output torque (lb-in)	3,009	SS30A60LR56	SS30A60LR14	—	Left/Right
		Mechanical Output (hp)	1.39	SS30A60H56	SS30A60H14		Hollow
		Output OHL (lb)	2,300	—	—		—

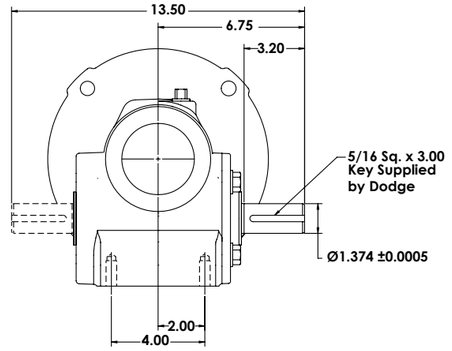
Note: Washdown accessories available in accessories section.
The output bore for hollow reducers listed above is 1-15/16".
We also offer a 1-1/4" output bore. To order, add "BD104" to the end of the part number. Example: SS30A30H56BD104

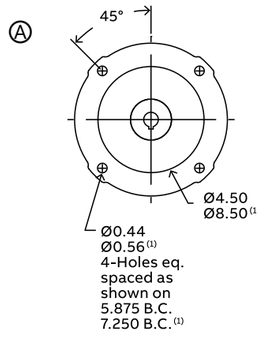
FoodSafe reducers with three-piece coupled – Size 30

Solid output

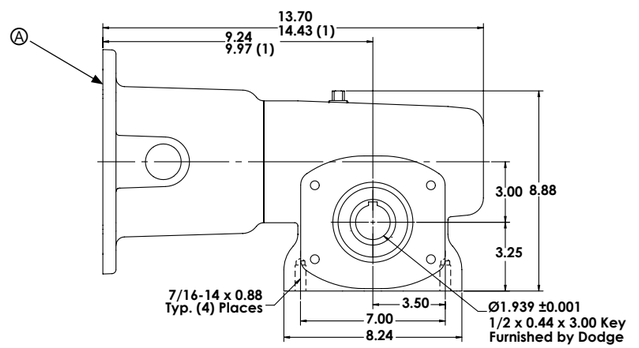


(1) NEMA 180TC Motor Frame

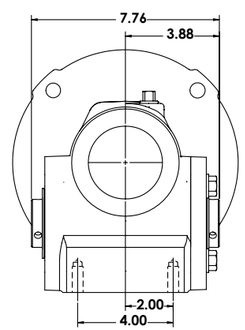




Hollow output



(1) NEMA 180TC Motor Frame



Metric Tigear-2

Ratings and dimensions

Metric Tigear-2 reducers – Size 17

50 Hz ratings

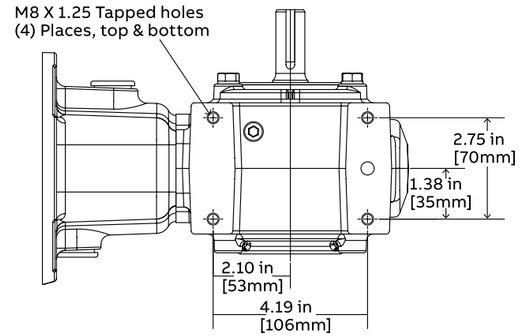
Ratio	Output speed (rpm)		Rating 1450 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	290	Mechanical input (kW)	1.64	17MA05L71	17MA05L80	17MA05L90		Left
		Thermal input (kW)	3.36	17MA05R71	17MA05R80	17MA05R90		Right
		Output torque (Nm)	50	17MA05LR71	17MA05LR80	17MA05LR90	—	Left/Right
		Mechanical output (kW)	1.51	17MA05H71	17MA05H80	17MA05H90		Hollow
		Output OHL (kg)	476	—	—	—		—
7.5	193	Mechanical input (kW)	1.46	17MA07L71	17MA07L80	17MA07L90		Left
		Thermal input (kW)	3.08	17MA07R71	17MA07R80	17MA07R90		Right
		Output torque (Nm)	66	17MA07LR71	17MA07LR80	17MA07LR90	—	Left/Right
		Mechanical output (kW)	1.59	17MA07H71	17MA07H80	17MA07H90		Hollow
		Output OHL (kg)	540	—	—	—		—
10	145	Mechanical input (kW)	1.31	17MA10L71	17MA10L80	17MA10L90		Left
		Thermal input (kW)	2.81	17MA10R71	17MA10R80	17MA10R90		Right
		Output torque (Nm)	76	17MA10LR71	17MA10LR80	17MA10LR90	—	Left/Right
		Mechanical output (kW)	1.16	17MA10H71	17MA10H80	17MA10H90		Hollow
		Output OHL (kg)	540	—	—	—		—
15	97	Mechanical input (kW)	1.09	17MA15L71	17MA15L80	17MA15L90		Left
		Thermal input (kW)	2.45	17MA15R71	17MA15R80	17MA15R90		Right
		Output torque (Nm)	92	17MA15LR71	17MA15LR80	17MA15LR90	—	Left/Right
		Mechanical output (kW)	0.93	17MA15H71	17MA15H80	17MA15H90		Hollow
		Output OHL (kg)	540	—	—	—		—
20	73	Mechanical input (kW)	0.94	17MA20L71	17MA20L80	17MA20L90		Left
		Thermal input (kW)	2.18	17MA20R71	17MA20R80	17MA20R90		Right
		Output torque (Nm)	101	17MA20LR71	17MA20LR80	17MA20LR90	—	Left/Right
		Mechanical output (kW)	0.77	17MA20H71	17MA20H80	17MA20H90		Hollow
		Output OHL (kg)	540	—	—	—		—
25	58	Mechanical input (kW)	0.74	17MA25L71	17MA25L80	17MA25L90		Left
		Thermal input (kW)	1.80	17MA25R71	17MA25R80	17MA25R90		Right
		Output torque (Nm)	94	17MA25LR71	17MA25LR80	17MA25LR90	—	Left/Right
		Mechanical output (kW)	0.57	17MA25H71	17MA25H80	17MA25H90		Hollow
		Output OHL (kg)	540	—	—	—		—
30	48	Mechanical input (kW)	0.65	17MA30L71	17MA30L80	17MA30L90		Left
		Thermal input (kW)	1.52	17MA30R71	17MA30R80	17MA30R90		Right
		Output torque (Nm)	97	17MA30LR71	17MA30LR80	17MA30LR90	—	Left/Right
		Mechanical output (kW)	0.49	17MA30H71	17MA30H80	17MA30H90		Hollow
		Output OHL (kg)	540	—	—	—		—
40	36	Mechanical input (kW)	0.53	17MA40L71	17MA40L80	17MA40L90		Left
		Thermal input (kW)	1.16	17MA40R71	17MA40R80	17MA40R90		Right
		Output torque (Nm)	99	17MA40LR71	17MA40LR80	17MA40LR90	—	Left/Right
		Mechanical output (kW)	0.38	17MA40H71	17MA40H80	17MA40H90		Hollow
		Output OHL (kg)	540	—	—	—		—
50	29	Mechanical input (kW)	0.44	17MA50L71	17MA50L80	17MA50L90		Left
		Thermal input (kW)	0.97	17MA50R71	17MA50R80	17MA50R90		Right
		Output torque (Nm)	98	17MA50LR71	17MA50LR80	17MA50LR90	—	Left/Right
		Mechanical output (kW)	0.30	17MA50H71	17MA50H80	17MA50H90		Hollow
		Output OHL (kg)	540	—	—	—		—
60	24	Mechanical input (kW)	0.32	17MA60L71	17MA60L80	17MA60L90		Left
		Thermal input (kW)	0.80	17MA60R71	17MA60R80	17MA60R90		Right
		Output torque (Nm)	78	17MA60LR71	17MA60LR80	17MA60LR90	—	Left/Right
		Mechanical output (kW)	0.20	17MA60H71	17MA60H80	17MA60H90		Hollow
		Output OHL (kg)	540	—	—	—		—
All Ratios		Input OHL (kg)	63					

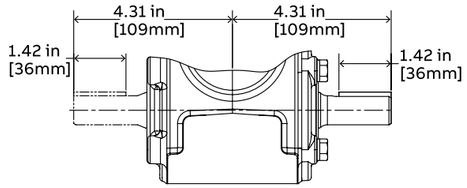
Metric Tigear-2 reducers – Size 17

60 Hz ratings

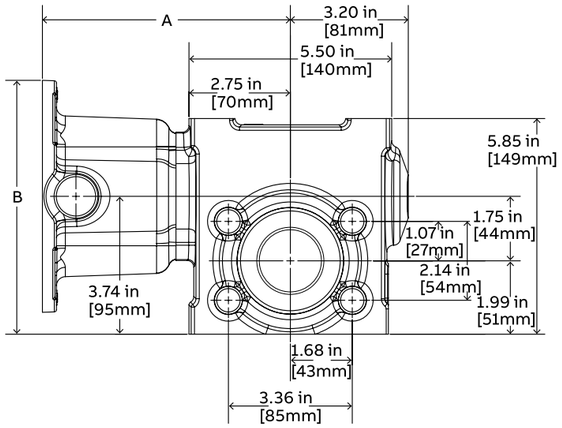
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	350	Mechanical input (kW)	1.98	17MA05L71	17MA05L80	17MA05L90		Left
		Thermal input (kW)	4.06	17MA05R71	17MA05R80	17MA05R90		Right
		Output torque (Nm)	50	17MA05LR71	17MA05LR80	17MA05LR90	—	Left/Right
		Mechanical output (kW)	1.83	17MA05H71	17MA05H80	17MA05H90		Hollow
		Output OHL (kg)	476	—	—	—		—
7.5	233	Mechanical input (kW)	1.77	17MA07L71	17MA07L80	17MA07L90		Left
		Thermal input (kW)	3.71	17MA07R71	17MA07R80	17MA07R90		Right
		Output torque (Nm)	66	17MA07LR71	17MA07LR80	17MA07LR90	—	Left/Right
		Mechanical output (kW)	1.92	17MA07H71	17MA07H80	17MA07H90		Hollow
		Output OHL (kg)	540	—	—	—		—
10	175	Mechanical input (kW)	1.58	17MA10L71	17MA10L80	17MA10L90		Left
		Thermal input (kW)	3.39	17MA10R71	17MA10R80	17MA10R90		Right
		Output torque (Nm)	76	17MA10LR71	17MA10LR80	17MA10LR90	—	Left/Right
		Mechanical output (kW)	1.40	17MA10H71	17MA10H80	17MA10H90		Hollow
		Output OHL (kg)	540	—	—	—		—
15	117	Mechanical input (kW)	1.32	17MA15L71	17MA15L80	17MA15L90		Left
		Thermal input (kW)	2.96	17MA15R71	17MA15R80	17MA15R90		Right
		Output torque (Nm)	92	17MA15LR71	17MA15LR80	17MA15LR90	—	Left/Right
		Mechanical output (kW)	1.12	17MA15H71	17MA15H80	17MA15H90		Hollow
		Output OHL (kg)	540	—	—	—		—
20	88	Mechanical input (kW)	1.13	17MA20L71	17MA20L80	17MA20L90		Left
		Thermal input (kW)	2.63	17MA20R71	17MA20R80	17MA20R90		Right
		Output torque (Nm)	101	17MA20LR71	17MA20LR80	17MA20LR90	—	Left/Right
		Mechanical output (kW)	0.92	17MA20H71	17MA20H80	17MA20H90		Hollow
		Output OHL (kg)	540	—	—	—		—
25	70	Mechanical input (kW)	0.89	17MA25L71	17MA25L80	17MA25L90		Left
		Thermal input (kW)	2.18	17MA25R71	17MA25R80	17MA25R90		Right
		Output torque (Nm)	94	17MA25LR71	17MA25LR80	17MA25LR90	—	Left/Right
		Mechanical output (kW)	0.69	17MA25H71	17MA25H80	17MA25H90		Hollow
		Output OHL (kg)	540	—	—	—		—
30	58	Mechanical input (kW)	0.79	17MA30L71	17MA30L80	17MA30L90		Left
		Thermal input (kW)	1.83	17MA30R71	17MA30R80	17MA30R90		Right
		Output torque (Nm)	97	17MA30LR71	17MA30LR80	17MA30LR90	—	Left/Right
		Mechanical output (kW)	0.60	17MA30H71	17MA30H80	17MA30H90		Hollow
		Output OHL (kg)	540	—	—	—		—
40	44	Mechanical input (kW)	0.63	17MA40L71	17MA40L80	17MA40L90		Left
		Thermal input (kW)	1.40	17MA40R71	17MA40R80	17MA40R90		Right
		Output torque (Nm)	99	17MA40LR71	17MA40LR80	17MA40LR90	—	Left/Right
		Mechanical output (kW)	0.45	17MA40H71	17MA40H80	17MA40H90		Hollow
		Output OHL (kg)	540	—	—	—		—
50	35	Mechanical input (kW)	0.54	17MA50L71	17MA50L80	17MA50L90		Left
		Thermal input (kW)	1.17	17MA50R71	17MA50R80	17MA50R90		Right
		Output torque (Nm)	98	17MA50LR71	17MA50LR80	17MA50LR90	—	Left/Right
		Mechanical output (kW)	0.36	17MA50H71	17MA50H80	17MA50H90		Hollow
		Output OHL (kg)	540	—	—	—		—
60	29	Mechanical input (kW)	0.38	17MA60L71	17MA60L80	17MA60L90		Left
		Thermal input (kW)	0.97	17MA60R71	17MA60R80	17MA60R90		Right
		Output torque (Nm)	78	17MA60LR71	17MA60LR80	17MA60LR90	—	Left/Right
		Mechanical output (kW)	0.24	17MA60H71	17MA60H80	17MA60H90		Hollow
		Output OHL (kg)	540	—	—	—		—
All Ratios		Input OHL (kg)	63					

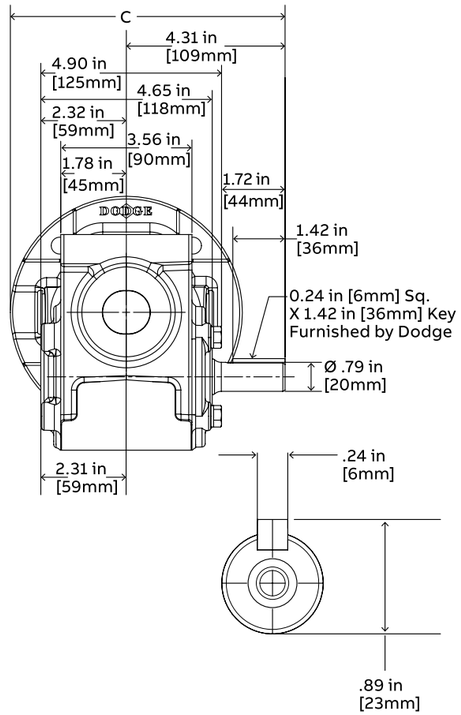
Metric Tigear-2 reducers with solid output – Size 17

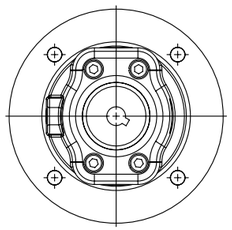




LR - Double extension or R - Reversed extension

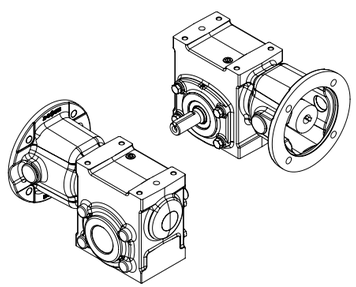




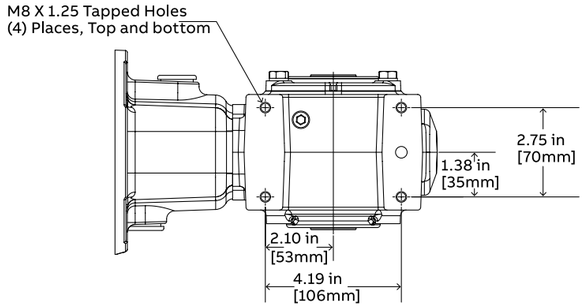


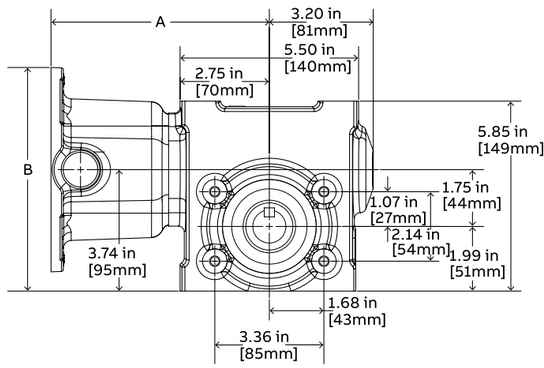
IEC71 Input shown

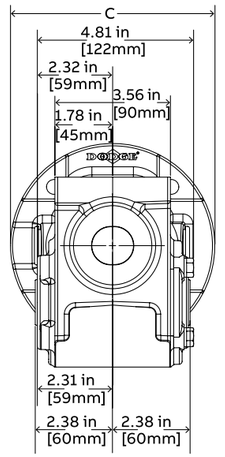
IEC Frame - B5	A	B	C
71	6.73 in (171 mm)	6.89 in (171 mm)	7.45 in (189 mm)
80	7.12 in (181 mm)	7.67 in (198 mm)	8.23 in (209 mm)
90	7.53 in (191 mm)	7.67 in (195 mm)	8.23 in (209 mm)

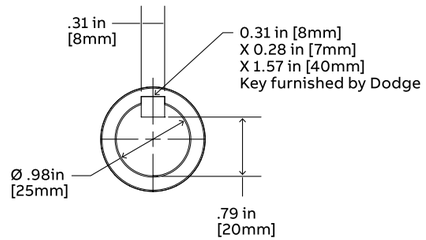


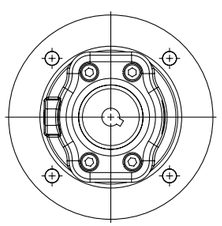
Metric Tigear-2 reducers with hollow output – Size 17





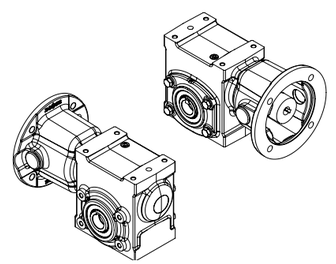






IEC71 Input shown

IEC Frame - B5	A	B	C
71	6.73 in (171 mm)	6.89 in (175 mm)	6.29 in (160 mm)
80	7.12 in (181 mm)	7.67 in (195 mm)	7.87 in (200 mm)
90	7.53 in (191 mm)	7.67 in (195 mm)	7.87 in (200 mm)



Metric Tigear-2 reducers – Size 20

50 Hz ratings

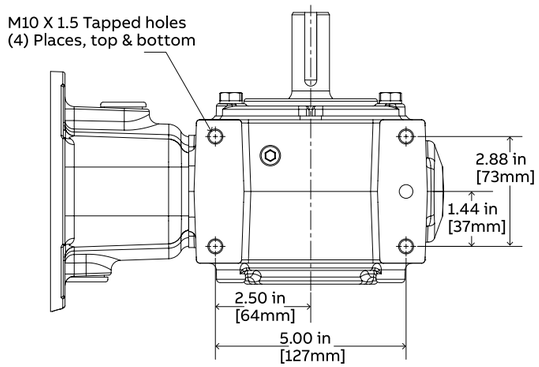
Ratio	Output speed (rpm)		Rating 1450 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	290	Mechanical input (kW)	2.40	20MA05L71	20MA05L80	20MA05L90		Left
		Thermal input (kW)	4.60	20MA05R71	20MA05R80	20MA05R90		Right
		Output torque (Nm)	74	20MA05LR71	20MA05LR80	20MA05LR90	—	Left/Right
		Mechanical output (kW)	2.24	20MA05H71	20MA05H80	20MA05H90		Hollow
		Output OHL (kg)	626	—	—	—		—
7.5	193	Mechanical input (kW)	2.16	20MA07L71	20MA07L80	20MA07L90		Left
		Thermal input (kW)	3.95	20MA07R71	20MA07R80	20MA07R90		Right
		Output torque (Nm)	98	20MA07LR71	20MA07LR80	20MA07LR90	—	Left/Right
		Mechanical output (kW)	1.98	20MA07H71	20MA07H80	20MA07H90		Hollow
		Output OHL (kg)	707	—	—	—		—
10	145	Mechanical input (kW)	1.93	20MA10L71	20MA10L80	20MA10L90		Left
		Thermal input (kW)	3.38	20MA10R71	20MA10R80	20MA10R90		Right
		Output torque (Nm)	114	20MA10LR71	20MA10LR80	20MA10LR90	—	Left/Right
		Mechanical output (kW)	1.73	20MA10H71	20MA10H80	20MA10H90		Hollow
		Output OHL (kg)	707	—	—	—		—
15	97	Mechanical input (kW)	1.42	20MA15L71	20MA15L80	20MA15L90		Left
		Thermal input (kW)	2.70	20MA15R71	20MA15R80	20MA15R90		Right
		Output torque (Nm)	121	20MA15LR71	20MA15LR80	20MA15LR90	—	Left/Right
		Mechanical output (kW)	1.23	20MA15H71	20MA15H80	20MA15H90		Hollow
		Output OHL (kg)	707	—	—	—		—
20	73	Mechanical input (kW)	1.09	20MA20L71	20MA20L80	20MA20L90		Left
		Thermal input (kW)	2.24	20MA20R71	20MA20R80	20MA20R90		Right
		Output torque (Nm)	119	20MA20LR71	20MA20LR80	20MA20LR90	—	Left/Right
		Mechanical output (kW)	0.91	20MA20H71	20MA20H80	20MA20H90		Hollow
		Output OHL (kg)	707	—	—	—		—
25	58	Mechanical input (kW)	0.94	20MA25L71	20MA25L80	20MA25L90		Left
		Thermal input (kW)	1.74	20MA25R71	20MA25R80	20MA25R90		Right
		Output torque (Nm)	123	20MA25LR71	20MA25LR80	20MA25LR90	—	Left/Right
		Mechanical output (kW)	0.75	20MA25H71	20MA25H80	20MA25H90		Hollow
		Output OHL (kg)	707	—	—	—		—
30	48	Mechanical input (kW)	0.80	20MA30L71	20MA30L80	20MA30L90		Left
		Thermal input (kW)	1.46	20MA30R71	20MA30R80	20MA30R90		Right
		Output torque (Nm)	122	20MA30LR71	20MA30LR80	20MA30LR90	—	Left/Right
		Mechanical output (kW)	0.62	20MA30H71	20MA30H80	20MA30H90		Hollow
		Output OHL (kg)	707	—	—	—		—
40	36	Mechanical input (kW)	0.65	20MA40L71	20MA40L80	20MA40L90		Left
		Thermal input (kW)	1.10	20MA40R71	20MA40R80	20MA40R90		Right
		Output torque (Nm)	128	20MA40LR71	20MA40LR80	20MA40LR90	—	Left/Right
		Mechanical output (kW)	0.49	20MA40H71	20MA40H80	20MA40H90		Hollow
		Output OHL (kg)	707	—	—	—		—
50	29	Mechanical input (kW)	0.51	20MA50L71	20MA50L80	20MA50L90		Left
		Thermal input (kW)	0.90	20MA50R71	20MA50R80	20MA50R90		Right
		Output torque (Nm)	115	20MA50LR71	20MA50LR80	20MA50LR90	—	Left/Right
		Mechanical output (kW)	0.35	20MA50H71	20MA50H80	20MA50H90		Hollow
		Output OHL (kg)	707	—	—	—		—
60	24	Mechanical input (kW)	0.46	20MA60L71	20MA60L80	20MA60L90		Left
		Thermal input (kW)	0.77	20MA60R71	20MA60R80	20MA60R90		Right
		Output torque (Nm)	118	20MA60LR71	20MA60LR80	20MA60LR90	—	Left/Right
		Mechanical output (kW)	0.30	20MA60H71	20MA60H80	20MA60H90		Hollow
		Output OHL (kg)	707	—	—	—		—
All Ratios		Input OHL (kg)	91					

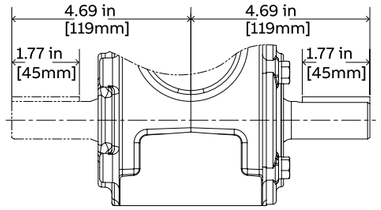
Metric Tigear-2 reducers – Size 20

60 Hz ratings

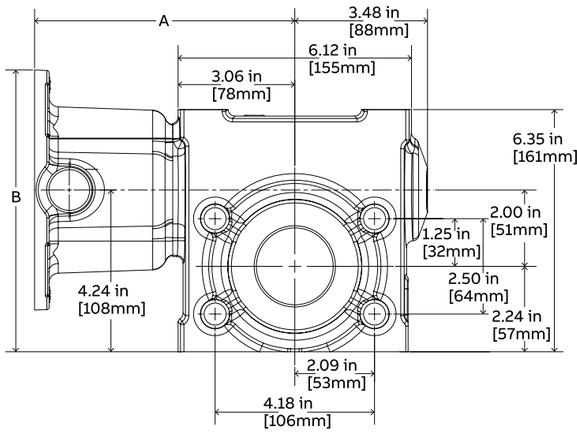
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	350	Mechanical input (kW)	2.90	20MA05L71	20MA05L80	20MA05L90		Left
		Thermal input (kW)	5.55	20MA05R71	20MA05R80	20MA05R90		Right
		Output torque (Nm)	74	20MA05LR71	20MA05LR80	20MA05LR90	—	Left/Right
		Mechanical output (kW)	2.70	20MA05H71	20MA05H80	20MA05H90		Hollow
		Output OHL (kg)	626	—	—	—		—
7.5	233	Mechanical input (kW)	2.61	20MA07L71	20MA07L80	20MA07L90		Left
		Thermal input (kW)	4.77	20MA07R71	20MA07R80	20MA07R90		Right
		Output torque (Nm)	98	20MA07LR71	20MA07LR80	20MA07LR90	—	Left/Right
		Mechanical output (kW)	2.39	20MA07H71	20MA07H80	20MA07H90		Hollow
		Output OHL (kg)	707	—	—	—		—
10	175	Mechanical input (kW)	2.33	20MA10L71	20MA10L80	20MA10L90		Left
		Thermal input (kW)	4.08	20MA10R71	20MA10R80	20MA10R90		Right
		Output torque (Nm)	114	20MA10LR71	20MA10LR80	20MA10LR90	—	Left/Right
		Mechanical output (kW)	2.09	20MA10H71	20MA10H80	20MA10H90		Hollow
		Output OHL (kg)	707	—	—	—		—
15	117	Mechanical input (kW)	1.72	20MA15L71	20MA15L80	20MA15L90		Left
		Thermal input (kW)	3.26	20MA15R71	20MA15R80	20MA15R90		Right
		Output torque (Nm)	121	20MA15LR71	20MA15LR80	20MA15LR90	—	Left/Right
		Mechanical output (kW)	1.48	20MA15H71	20MA15H80	20MA15H90		Hollow
		Output OHL (kg)	707	—	—	—		—
20	88	Mechanical input (kW)	1.32	20MA20L71	20MA20L80	20MA20L90		Left
		Thermal input (kW)	2.70	20MA20R71	20MA20R80	20MA20R90		Right
		Output torque (Nm)	119	20MA20LR71	20MA20LR80	20MA20LR90	—	Left/Right
		Mechanical output (kW)	1.10	20MA20H71	20MA20H80	20MA20H90		Hollow
		Output OHL (kg)	707	—	—	—		—
25	70	Mechanical input (kW)	1.13	20MA25L71	20MA25L80	20MA25L90		Left
		Thermal input (kW)	2.10	20MA25R71	20MA25R80	20MA25R90		Right
		Output torque (Nm)	123	20MA25LR71	20MA25LR80	20MA25LR90	—	Left/Right
		Mechanical output (kW)	0.90	20MA25H71	20MA25H80	20MA25H90		Hollow
		Output OHL (kg)	707	—	—	—		—
30	58	Mechanical input (kW)	0.97	20MA30L71	20MA30L80	20MA30L90		Left
		Thermal input (kW)	1.76	20MA30R71	20MA30R80	20MA30R90		Right
		Output torque (Nm)	122	20MA30LR71	20MA30LR80	20MA30LR90	—	Left/Right
		Mechanical output (kW)	0.75	20MA30H71	20MA30H80	20MA30H90		Hollow
		Output OHL (kg)	707	—	—	—		—
40	44	Mechanical input (kW)	0.79	20MA40L71	20MA40L80	20MA40L90		Left
		Thermal input (kW)	1.33	20MA40R71	20MA40R80	20MA40R90		Right
		Output torque (Nm)	128	20MA40LR71	20MA40LR80	20MA40LR90	—	Left/Right
		Mechanical output (kW)	0.59	20MA40LR71	20MA40H80	20MA40H90		Hollow
		Output OHL (kg)	707	—	—	—		—
50	35	Mechanical input (kW)	0.61	20MA50L71	20MA50L80	20MA50L90		Left
		Thermal input (kW)	1.09	20MA50R71	20MA50R80	20MA50R90		Right
		Output torque (Nm)	115	20MA50LR71	20MA50LR80	20MA50LR90	—	Left/Right
		Mechanical output (kW)	0.42	20MA50H71	20MA50H80	20MA50H90		Hollow
		Output OHL (kg)	707	—	—	—		—
60	29	Mechanical input (kW)	0.56	20MA60L71	20MA60L80	20MA60L90		Left
		Thermal input (kW)	0.93	20MA60R71	20MA60R80	20MA60R90		Right
		Output torque (Nm)	118	20MA60LR71	20MA60LR80	20MA60LR90	—	Left/Right
		Mechanical output (kW)	0.36	20MA60H71	20MA60H80	20MA60H90		Hollow
		Output OHL (kg)	707	—	—	—		—
All Ratios		Input OHL (kg)	91					

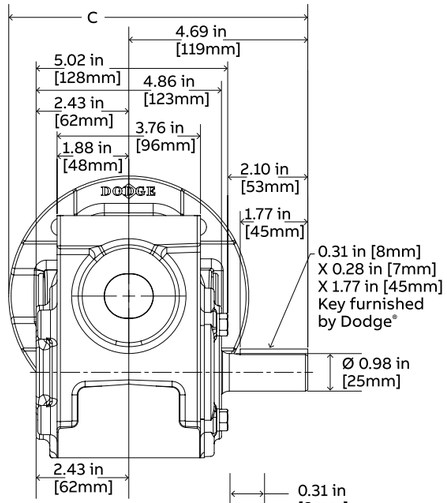
Metric Tigear-2 reducers with solid output – Size 20

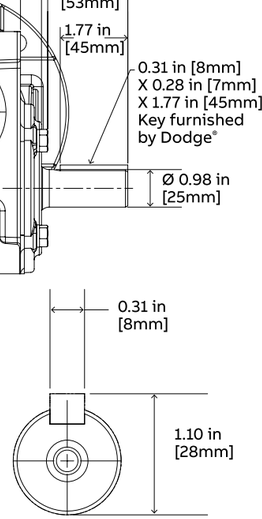




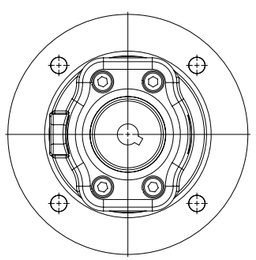
LR - Double extension or R - Reversed direction



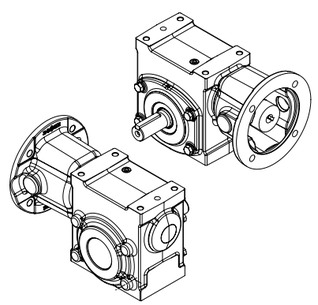




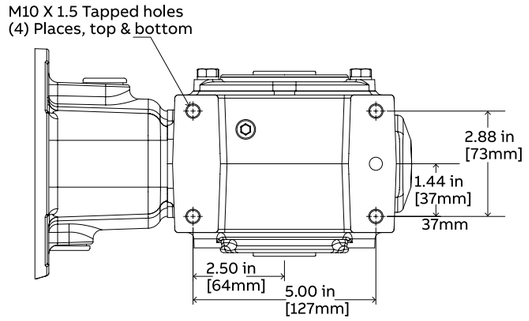
IEC Frame - B5	A	B	C
71	6.82 in (173 mm)	7.39 in (188 mm)	7.84 in (199 mm)
80	7.22 in (183 mm)	8.18 in (208 mm)	8.63 in (219 mm)
90	7.63 in (194 mm)	8.18 in (208 mm)	8.63 in (219 mm)

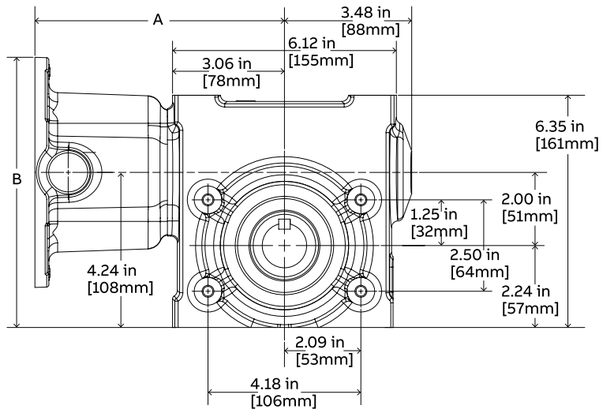


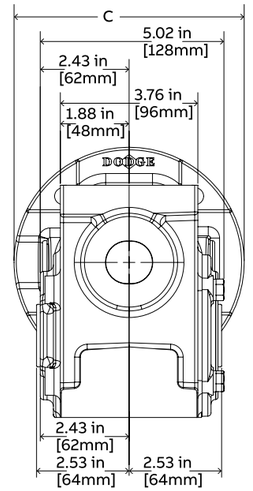
IEC71 Input Shown

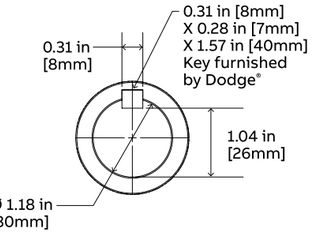


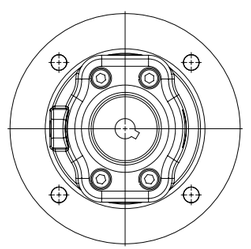
Metric Tigear-2 reducers with hollow output – Size 20





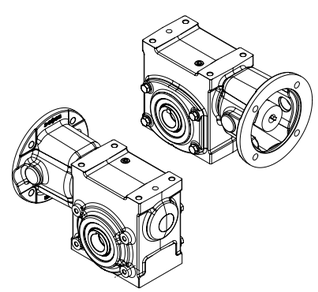






IEC71 Input Shown

IEC Frame - B5	A	B	C
71	6.82 in (173 mm)	7.39 in (188 mm)	6.29 in (160 mm)
80	7.22 in (183 mm)	8.18 in (208 mm)	7.87 in (200 mm)
90	7.63 in (194 mm)	8.18 in (208 mm)	7.87 in (200 mm)



Metric Tigear-2 reducers – Size 23

50 Hz ratings

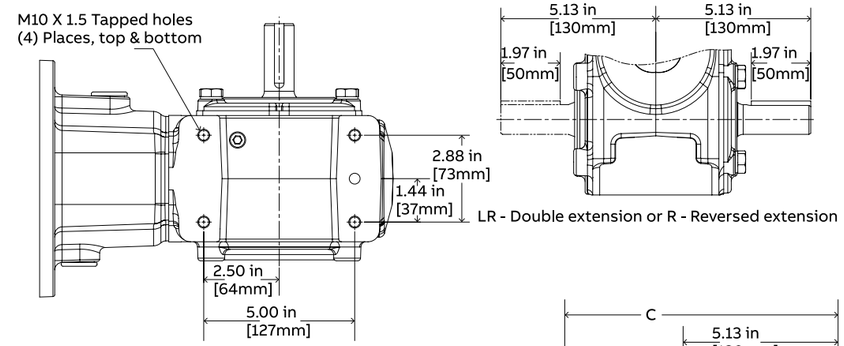
Ratio	Output speed (rpm)		Rating 1450 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	290	Mechanical input (kW)	3.50	—	23MA05L80	23MA05L90	23MA05L100	Left
		Thermal input (kW)	6.49		23MA05R80	23MA05R90	23MA05R100	Right
		Output torque (Nm)	107		23MA05LR80	23MA05LR90	23MA05LR100	Left/Right
		Mechanical output (kW)	3.26		23MA05H80	23MA05H90	23MA05H100	Hollow
		Output OHL (kg)	603		—	—	—	—
7.5	193	Mechanical input (kW)	3.06	—	23MA07L80	23MA07L90	23MA07L100	Left
		Thermal input (kW)	5.41		23MA07R80	23MA07R90	23MA07R100	Right
		Output torque (Nm)	139		23MA07LR80	23MA07LR90	23MA07LR100	Left/Right
		Mechanical output (kW)	2.82		23MA07H80	23MA07H90	23MA07H100	Hollow
		Output OHL (kg)	689		—	—	—	—
10	145	Mechanical input (kW)	2.61	—	23MA10L80	23MA10L90	23MA10L100	Left
		Thermal input (kW)	4.57		23MA10R80	23MA10R90	23MA10R100	Right
		Output torque (Nm)	154		23MA10LR80	23MA10LR90	23MA10LR100	Left/Right
		Mechanical output (kW)	2.34		23MA10H80	23MA10H90	23MA10H100	Hollow
		Output OHL (kg)	730		—	—	—	—
15	97	Mechanical input (kW)	2.08	—	23MA15L80	23MA15L90	23MA15L100	Left
		Thermal input (kW)	3.57		23MA15R80	23MA15R90	23MA15R100	Right
		Output torque (Nm)	177		23MA15LR80	23MA15LR90	23MA15LR100	Left/Right
		Mechanical output (kW)	1.79		23MA15H80	23MA15H90	23MA15H100	Hollow
		Output OHL (kg)	730		—	—	—	—
20	73	Mechanical input (kW)	1.61	—	23MA20L80	23MA20L90	23MA20L100	Left
		Thermal input (kW)	2.85		23MA20R80	23MA20R90	23MA20R100	Right
		Output torque (Nm)	174		23MA20LR80	23MA20LR90	23MA20LR100	Left/Right
		Mechanical output (kW)	1.32		23MA20H80	23MA20H90	23MA20H100	Hollow
		Output OHL (kg)	730		—	—	—	—
25	58	Mechanical input (kW)	1.31	—	23MA25L80	23MA25L90	23MA25L100	Left
		Thermal input (kW)	2.29		23MA25R80	23MA25R90	23MA25R100	Right
		Output torque (Nm)	173		23MA25LR80	23MA25LR90	23MA25LR100	Left/Right
		Mechanical output (kW)	1.05		23MA25H80	23MA25H90	23MA25H100	Hollow
		Output OHL (kg)	730		—	—	—	—
30	48	Mechanical input (kW)	1.16	—	23MA30L80	23MA30L90	23MA30L100	Left
		Thermal input (kW)	1.93		23MA30R80	23MA30R90	23MA30R100	Right
		Output torque (Nm)	179		23MA30LR80	23MA30LR90	23MA30LR100	Left/Right
		Mechanical output (kW)	0.90		23MA30H80	23MA30H90	23MA30H100	Hollow
		Output OHL (kg)	730		—	—	—	—
40	36	Mechanical input (kW)	0.93	—	23MA40L80	23MA40L90	23MA40L100	Left
		Thermal input (kW)	1.48		23MA40R80	23MA40R90	23MA40R100	Right
		Output torque (Nm)	184		23MA40LR80	23MA40LR90	23MA40LR100	Left/Right
		Mechanical output (kW)	0.70		23MA40H80	23MA40H90	23MA40H100	Hollow
		Output OHL (kg)	730		—	—	—	—
50	29	Mechanical input (kW)	0.74	—	23MA50L80	23MA50L90	23MA50L100	Left
		Thermal input (kW)	1.25		23MA50R80	23MA50R90	23MA50R100	Right
		Output torque (Nm)	168		23MA50LR80	23MA50LR90	23MA50LR100	Left/Right
		Mechanical output (kW)	0.51		23MA50H80	23MA50H90	23MA50H100	Hollow
		Output OHL (kg)	730		—	—	—	—
60	24	Mechanical input (kW)	0.66	—	23MA60L80	23MA60L90	23MA60L100	Left
		Thermal input (kW)	1.04		23MA60R80	23MA60R90	23MA60R100	Right
		Output torque (Nm)	167		23MA60LR80	23MA60LR90	23MA60LR100	Left/Right
		Mechanical output (kW)	0.42		23MA60H80	23MA60H90	23MA60H100	Hollow
		Output OHL (kg)	730		—	—	—	—
All Ratios		Input OHL (kg)	91					

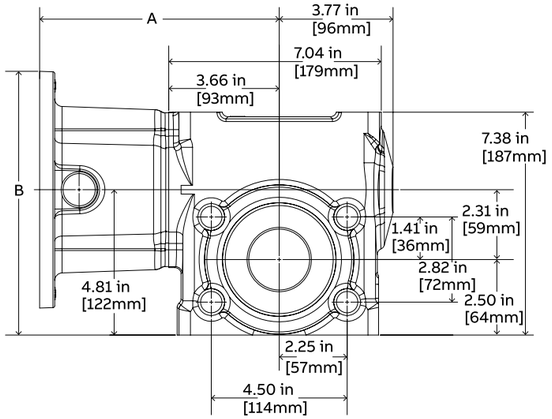
Metric Tigear-2 reducers – Size 23

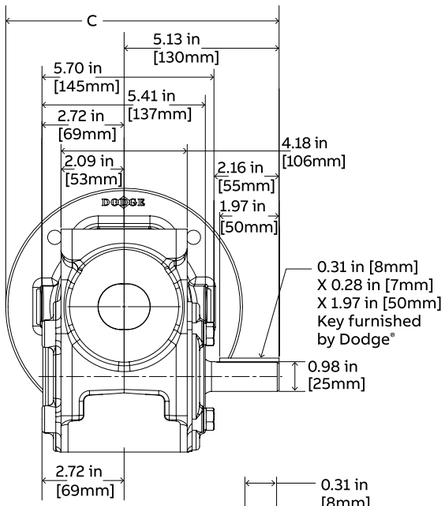
60 Hz ratings

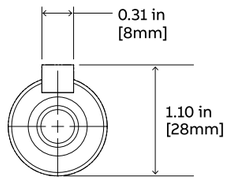
Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	350	Mechanical input (kW)	4.22	—	23MA05L80	23MA05L90	23MA05L100	Left
		Thermal input (kW)	7.84		23MA05R80	23MA05R90	23MA05R100	Right
		Output torque (Nm)	107		23MA05LR80	23MA05LR90	23MA05LR100	Left/Right
		Mechanical output (kW)	3.93		23MA05H80	23MA05H90	23MA05H100	Hollow
		Output OHL (kg)	603		—	—	—	—
7.5	233	Mechanical input (kW)	3.70	—	23MA07L80	23MA07L90	23MA07L100	Left
		Thermal input (kW)	6.52		23MA07R80	23MA07R90	23MA07R100	Right
		Output torque (Nm)	139		23MA07LR80	23MA07LR90	23MA07LR100	Left/Right
		Mechanical output (kW)	3.41		23MA07H80	23MA07H90	23MA07H100	Hollow
		Output OHL (kg)	689		—	—	—	—
10	175	Mechanical input (kW)	3.15	—	23MA10L80	23MA10L90	23MA10L100	Left
		Thermal input (kW)	5.52		23MA10R80	23MA10R90	23MA10R100	Right
		Output torque (Nm)	154		23MA10LR80	23MA10LR90	23MA10LR100	Left/Right
		Mechanical output (kW)	2.83		23MA10H80	23MA10H90	23MA10H100	Hollow
		Output OHL (kg)	730		—	—	—	—
15	117	Mechanical input (kW)	2.51	—	23MA15L80	23MA15L90	23MA15L100	Left
		Thermal input (kW)	4.30		23MA15R80	23MA15R90	23MA15R100	Right
		Output torque (Nm)	177		23MA15LR80	23MA15LR90	23MA15LR100	Left/Right
		Mechanical output (kW)	2.16		23MA15H80	23MA15H90	23MA15H100	Hollow
		Output OHL (kg)	730		—	—	—	—
20	88	Mechanical input (kW)	1.95	—	23MA20L80	23MA20L90	23MA20L100	Left
		Thermal input (kW)	3.44		23MA20R80	23MA20R90	23MA20R100	Right
		Output torque (Nm)	174		23MA20LR80	23MA20LR90	23MA20LR100	Left/Right
		Mechanical output (kW)	1.60		23MA20H80	23MA20H90	23MA20H100	Hollow
		Output OHL (kg)	730		—	—	—	—
25	70	Mechanical input (kW)	1.58	—	23MA25L80	23MA25L90	23MA25L100	Left
		Thermal input (kW)	2.76		23MA25R80	23MA25R90	23MA25R100	Right
		Output torque (Nm)	173		23MA25LR80	23MA25LR90	23MA25LR100	Left/Right
		Mechanical output (kW)	1.27		23MA25H80	23MA25H90	23MA25H100	Hollow
		Output OHL (kg)	730		—	—	—	—
30	58	Mechanical input (kW)	1.39	—	23MA30L80	23MA30L90	23MA30L100	Left
		Thermal input (kW)	2.33		23MA30R80	23MA30R90	23MA30R100	Right
		Output torque (Nm)	179		23MA30LR80	23MA30LR90	23MA30LR100	Left/Right
		Mechanical output (kW)	1.09		23MA30H80	23MA30H90	23MA30H100	Hollow
		Output OHL (kg)	730		—	—	—	—
40	44	Mechanical input (kW)	1.13	—	23MA40L80	23MA40L90	23MA40L100	Left
		Thermal input (kW)	1.78		23MA40R80	23MA40R90	23MA40R100	Right
		Output torque (Nm)	184		23MA40LR80	23MA40LR90	23MA40LR100	Left/Right
		Mechanical output (kW)	0.84		23MA40H80	23MA40H90	23MA40H100	Hollow
		Output OHL (kg)	730		—	—	—	—
50	35	Mechanical input (kW)	0.89	—	23MA50L80	23MA50L90	23MA50L100	Left
		Thermal input (kW)	1.51		23MA50R80	23MA50R90	23MA50R100	Right
		Output torque (Nm)	168		23MA50LR80	23MA50LR90	23MA50LR100	Left/Right
		Mechanical output (kW)	0.62		23MA50H80	23MA50H90	23MA50H100	Hollow
		Output OHL (kg)	730		—	—	—	—
60	29	Mechanical input (kW)	0.80	—	23MA60L80	23MA60L90	23MA60L100	Left
		Thermal input (kW)	1.25		23MA60R80	23MA60R90	23MA60R100	Right
		Output torque (Nm)	167		23MA60LR80	23MA60LR90	23MA60LR100	Left/Right
		Mechanical output (kW)	0.51		23MA60H80	23MA60H90	23MA60H100	Hollow
		Output OHL (kg)	730		—	—	—	—
All Ratios		Input OHL (kg)	91					

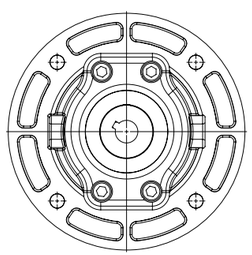
Metric Tigear-2 reducers with solid output – Size 23





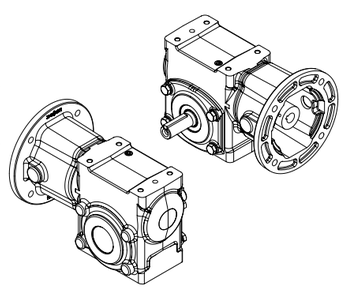




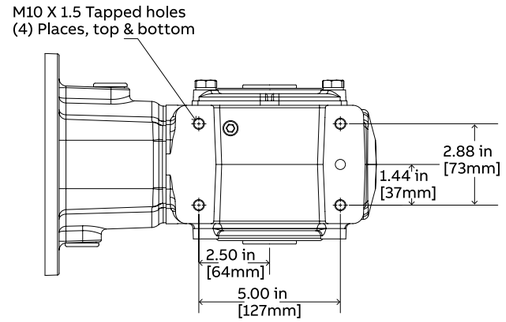


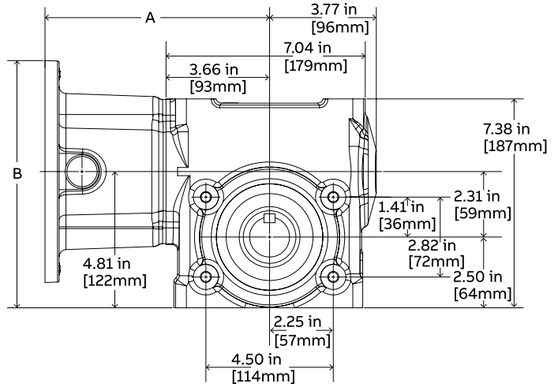
IEC80 Input Shown

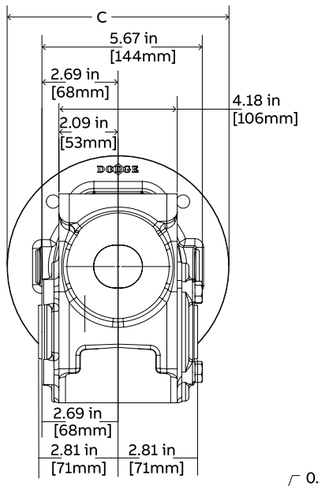
IEC Frame - B5	A	B	C
80	7.93 in (202 mm)	8.73 in (222 mm)	9.07 in (230 mm)
90	8.34 in (212 mm)	8.73 in (222 mm)	9.07 in [230 mm)
100	8.75 in (222 mm)	9.73 in (247 mm)	10.07 in (256 mm)

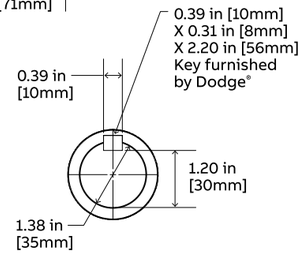


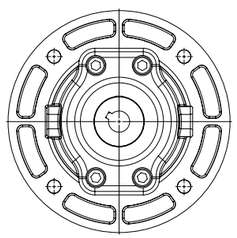
Metric Tigear-2 reducers with hollow output – Size 23





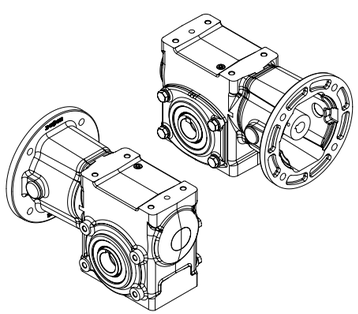






IEC80 Input Shown

IEC Frame - B5	A	B	C
80	7.93 in (202 mm)	8.73 in (222 mm)	7.87 in (200 mm)
90	8.34 in (212 mm)	8.73 in (222 mm)	7.87 in (200 mm)
100	8.75 in (222 mm)	9.73 in (247 mm)	9.84 in (250 mm)



Metric Tigear-2 reducers – Size 26

50 Hz ratings

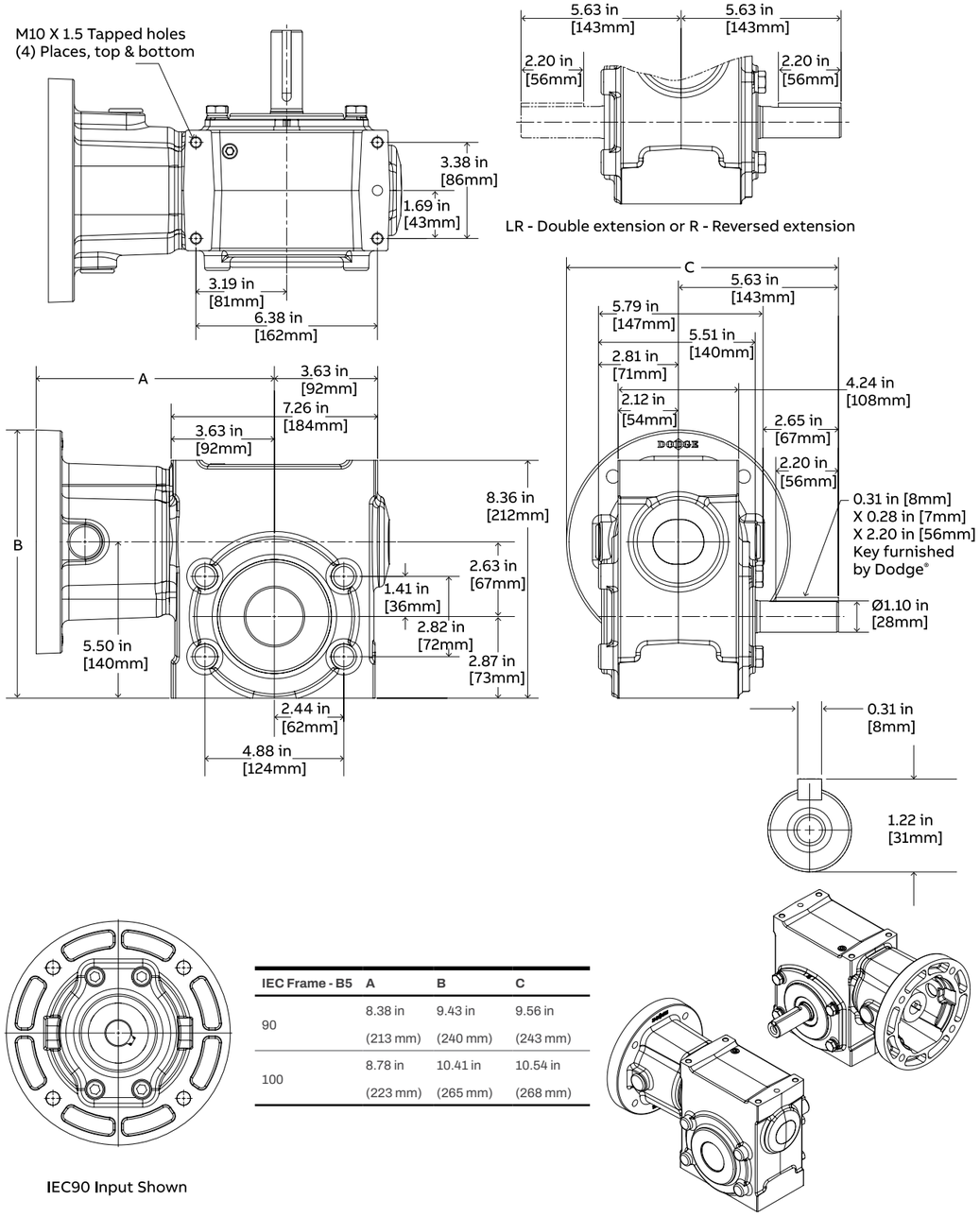
Ratio	Output speed (rpm)		Rating 1450 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	290	Mechanical input (kW)	4.76	—	—	26MA05L90	26MA05L100	Left
		Thermal input (kW)	8.37			26MA05R90	26MA05R100	Right
		Output torque (Nm)	147			26MA05LR90	26MA05LR100	Left/Right
		Mechanical output (kW)	4.48			26MA05H90	26MA05H100	Hollow
		Output OHL (kg)	603			—	—	—
7.5	193	Mechanical input (kW)	4.31	—	—	26MA07L90	26MA07L100	Left
		Thermal input (kW)	6.89			26MA07R90	26MA07R100	Right
		Output torque (Nm)	197			26MA07LR90	26MA07LR100	Left/Right
		Mechanical output (kW)	3.99			26MA07H90	26MA07H100	Hollow
		Output OHL (kg)	689			—	—	—
10	145	Mechanical input (kW)	3.72	—	—	26MA10L90	26MA10L100	Left
		Thermal input (kW)	5.73			26MA10R90	26MA10R100	Right
		Output torque (Nm)	222			26MA10LR90	26MA10LR100	Left/Right
		Mechanical output (kW)	3.37			26MA10H90	26MA10H100	Hollow
		Output OHL (kg)	730			—	—	—
15	97	Mechanical input (kW)	2.63	—	—	26MA15L90	26MA15L100	Left
		Thermal input (kW)	3.83			26MA15R90	26MA15R100	Right
		Output torque (Nm)	226			26MA15LR90	26MA15LR100	Left/Right
		Mechanical output (kW)	2.29			26MA15H90	26MA15H100	Hollow
		Output OHL (kg)	730			—	—	—
20	73	Mechanical input (kW)	2.09	—	—	26MA20L90	26MA20L100	Left
		Thermal input (kW)	3.34			26MA20R90	26MA20R100	Right
		Output torque (Nm)	235			26MA20LR90	26MA20LR100	Left/Right
		Mechanical output (kW)	1.79			26MA20H90	26MA20H100	Hollow
		Output OHL (kg)	730			—	—	—
25	58	Mechanical input (kW)	1.67	—	—	26MA25L90	26MA25L100	Left
		Thermal input (kW)	2.77			26MA25R90	26MA25R100	Right
		Output torque (Nm)	227			26MA25LR90	26MA25LR100	Left/Right
		Mechanical output (kW)	1.38			26MA25H90	26MA25H100	Hollow
		Output OHL (kg)	730			—	—	—
30	48	Mechanical input (kW)	1.55	—	—	26MA30L90	26MA30L100	Left
		Thermal input (kW)	2.45			26MA30R90	26MA30R100	Right
		Output torque (Nm)	242			26MA30LR90	26MA30LR100	Left/Right
		Mechanical output (kW)	1.22			26MA30H90	26MA30H100	Hollow
		Output OHL (kg)	730			—	—	—
40	36	Mechanical input (kW)	1.31	—	—	26MA40L90	26MA40L100	Left
		Thermal input (kW)	1.88			26MA40R90	26MA40R100	Right
		Output torque (Nm)	261			26MA40LR90	26MA40LR100	Left/Right
		Mechanical output (kW)	0.99			26MA40H90	26MA40H100	Hollow
		Output OHL (kg)	730			—	—	—
50	29	Mechanical input (kW)	0.99	—	—	26MA50L90	26MA50L100	Left
		Thermal input (kW)	1.60			26MA50R90	26MA50R100	Right
		Output torque (Nm)	228			26MA50LR90	26MA50LR100	Left/Right
		Mechanical output (kW)	0.69			26MA50H90	26MA50H100	Hollow
		Output OHL (kg)	730			—	—	—
60	24	Mechanical input (kW)	0.93	—	—	26MA60L90	26MA60L100	Left
		Thermal input (kW)	1.30			26MA60R90	26MA60R100	Right
		Output torque (Nm)	246			26MA60LR90	26MA60LR100	Left/Right
		Mechanical output (kW)	0.62			26MA60H90	26MA60H100	Hollow
		Output OHL (kg)	730			—	—	—
All Ratios		Input OHL (kg)	113					

Metric Tigear-2 reducers – Size 26

60 Hz ratings

Ratio	Output speed (rpm)		Rating 1,750 input rpm	Part number IEC71	IEC80	IEC90	IEC100	Shaft position
5	350	Mechanical input (kW)	5.75	—	—	26MA05L90	26MA05L100	Left
		Thermal input (kW)	10.10			26MA05R90	26MA05R100	Right
		Output torque (Nm)	147			26MA05LR90	26MA05LR100	Left/Right
		Mechanical output (kW)	5.41			26MA05H90	26MA05H100	Hollow
		Output OHL (kg)	603			—	—	—
7.5	233	Mechanical input (kW)	5.21	—	—	26MA07L90	26MA07L100	Left
		Thermal input (kW)	8.31			26MA07R90	26MA07R100	Right
		Output torque (Nm)	197			26MA07LR90	26MA07LR100	Left/Right
		Mechanical output (kW)	4.81			26MA07H90	26MA07H100	Hollow
		Output OHL (kg)	689			—	—	—
10	175	Mechanical input (kW)	4.49	—	—	26MA10L90	26MA10L100	Left
		Thermal input (kW)	6.92			26MA10R90	26MA10R100	Right
		Output torque (Nm)	222			26MA10LR90	26MA10LR100	Left/Right
		Mechanical output (kW)	4.06			26MA10H90	26MA10H100	Hollow
		Output OHL (kg)	730			—	—	—
15	117	Mechanical input (kW)	3.17	—	—	26MA15L90	26MA15L100	Left
		Thermal input (kW)	4.62			26MA15R90	26MA15R100	Right
		Output torque (Nm)	226			26MA15LR90	26MA15LR100	Left/Right
		Mechanical output (kW)	2.77			26MA15H90	26MA15H100	Hollow
		Output OHL (kg)	730			—	—	—
20	88	Mechanical input (kW)	2.52	—	—	26MA20L90	26MA20L100	Left
		Thermal input (kW)	4.03			26MA20R90	26MA20R100	Right
		Output torque (Nm)	235			26MA20LR90	26MA20LR100	Left/Right
		Mechanical output (kW)	2.16			26MA20H90	26MA20H100	Hollow
		Output OHL (kg)	730			—	—	—
25	70	Mechanical input (kW)	2.02	—	—	26MA25L90	26MA25L100	Left
		Thermal input (kW)	3.35			26MA25R90	26MA25R100	Right
		Output torque (Nm)	227			26MA25LR90	26MA25LR100	Left/Right
		Mechanical output (kW)	1.66			26MA25H90	26MA25H100	Hollow
		Output OHL (kg)	730			—	—	—
30	58	Mechanical input (kW)	1.87	—	—	26MA30L90	26MA30L100	Left
		Thermal input (kW)	2.95			26MA30R90	26MA30R100	Right
		Output torque (Nm)	242			26MA30LR90	26MA30LR100	Left/Right
		Mechanical output (kW)	1.48			26MA30H90	26MA30H100	Hollow
		Output OHL (kg)	730			—	—	—
40	44	Mechanical input (kW)	1.58	—	—	26MA40L90	26MA40L100	Left
		Thermal input (kW)	2.27			26MA40R90	26MA40R100	Right
		Output torque (Nm)	261			26MA40LR90	26MA40LR100	Left/Right
		Mechanical output (kW)	1.19			26MA40H90	26MA40H100	Hollow
		Output OHL (kg)	730			—	—	—
50	35	Mechanical input (kW)	1.20	—	—	26MA50L90	26MA50L100	Left
		Thermal input (kW)	1.93			26MA50R90	26MA50R100	Right
		Output torque (Nm)	228			26MA50LR90	26MA50LR100	Left/Right
		Mechanical output (kW)	0.84			26MA50H90	26MA50H100	Hollow
		Output OHL (kg)	730			—	—	—
60	29	Mechanical input (kW)	1.13	—	—	26MA60L90	26MA60L100	Left
		Thermal input (kW)	1.57			26MA60R90	26MA60R100	Right
		Output torque (Nm)	246			26MA60LR90	26MA60LR100	Left/Right
		Mechanical output (kW)	0.75			26MA60H90	26MA60H100	Hollow
		Output OHL (kg)	730			—	—	—
All Ratios		Input OHL (kg)	113					

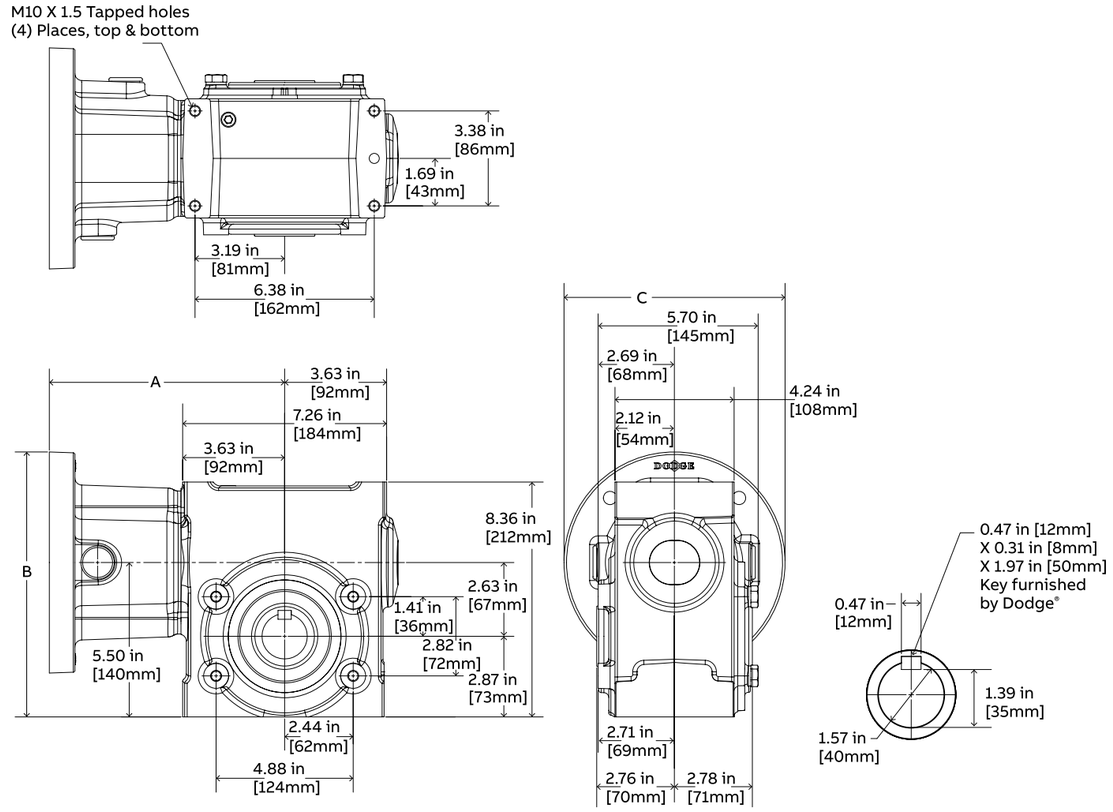
Metric Tigear-2 reducers with solid output – Size 26

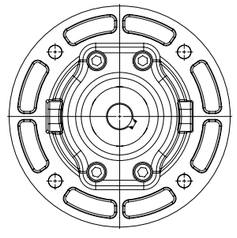


IEC90 Input Shown

IEC Frame - B5	A	B	C
90	8.38 in (213 mm)	9.43 in (240 mm)	9.56 in (243 mm)
100	8.78 in (223 mm)	10.41 in (265 mm)	10.54 in (268 mm)

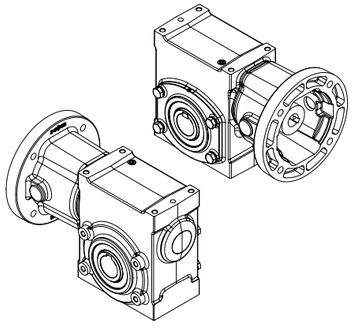
Metric Tigear-2 reducers with hollow output – Size 26





IEC90 Input Shown

IEC Frame - B5	A	B	C
90	8.38 in (213 mm)	9.43 in (240 mm)	7.87 in (200 mm)
100	8.78 in (223 mm)	10.41 in (265 mm)	9.84 in (250 mm)



Accessories

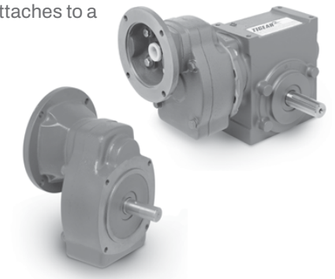
Tigear-2 ratio multiplier

Dimensions

Ratio multiplier

A double NEMA 56 and 140 C-face helical gear attachment is available for Tigear-2 reducers, providing final gear ratios from 75:1 to 300:1.

The ratio multiplier has a quill input coupling for quick and easy motor attachment. It easily attaches to a Tigear-2 reducer with 56C or 140TC quill or three-piece coupled input.



- Available with NEMA 56 and 140 C-face input and output
- Available in 2:1, 3:1, 4:1, and 5:1 ratios
- Factory-filled with H1 food-grade synthetic lubricant
- Lubed for life
- No breather
- Cast iron construction
- Available in E-Z Kleen washdown protection

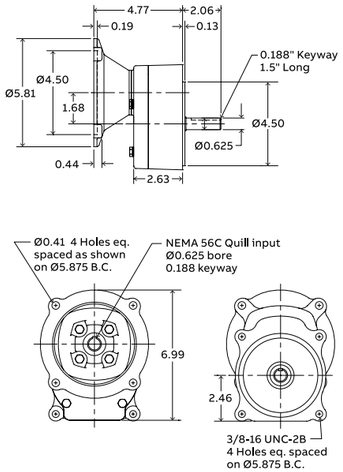
With the ratio multiplier, you can now take advantage of all the Tigear-2 features with available ratios up to 300:1.

Size 1 and 2 helical single reduction

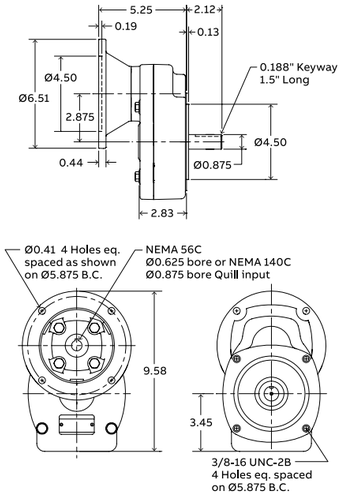
Size	Ratio	Part number	E-Z Kleen part number	Input speed (rpm)	Output speed (rpm)	Input horsepower (hp)	Output horsepower (hp)	Output torque (lb-in)	Output OHL (lb)	Input style	Output style
1	2	156HA256	156HAZ256	1,750	875	2.06	1.96	141	173	56C	56C
1	3	156HA356	156HAZ356	1,750	583	1.70	1.62	175	203	56C	56C
1	4	156HA456	156HAZ456	1,750	438	1.50	1.42	205	224	56C	56C
1	5	156HA556	156HAZ556	1,750	350	1.13	1.08	194	247	56C	56C
2	5	256HA556	256HAZ556	1,750	350	5.40	5.17	931	360	56C	56C
2	4	256HA414	256HAZ414	1,750	438	6.34	6.15	885	445	56C	140TC
2	5	256HA514	256HAZ514	1,750	350	5.40	5.17	931	360	56C	140TC
2	2	214HA214	214HAZ214	1,750	875	12.42	12.17	877	445	140TC	140TC
2	3	214HA314	214HAZ314	1,750	583	8.68	8.42	911	445	140TC	140TC
2	4	214HA414	214HAZ414	1,750	438	6.34	6.15	885	445	140TC	140TC
2	5	214HA514	214HAZ514	1,750	350	5.40	5.17	931	360	140TC	140TC

Note: For ratio multiplier, Dodge recommends the use of TEFC motors.
These units are intended for horizontal mount only in the position shown below.
Contact Dodge for any other mounting position.

Size 1



Size 2



Tigear-2 ratio multiplier

Quick selections: Ratio multiplier and Tigear-2 assemblies

Overall ratio	Output speed (rpm)	Motor speed (hp)	Output torque	SF	HA	Tigear-2 part number Output shaft configuration			
					Part number	Solid shaft left	Solid shaft right	Solid shaft left/right	Hollow shaft
75	23.33	0.25	546	1.17	156HA556	17Q15L56	17Q15R56	17Q15LR56	17Q15H56
		0.33	729	1.30	156HA556	20Q15L56	20Q15R56	20Q15LR56	20Q15H56
		0.5	1,105	1.33	156HA556	23Q15L56	23Q15R56	23Q15LR56	23Q15H56
		0.75	1,676	1.31	256HA514	26Q15L14	26Q15R14	26Q15LR14	26Q15H14
		1	2,235	1.43	256HA514	30Q15L14	30Q15R14	30Q15LR14	30Q15H14
		1.5	3,353	1.55	214HA514	35Q15L14	35Q15R14	35Q15LR14	35Q15H14
80	21.88	0.25	556	1.19	156HA456	17Q20L56	17Q20R56	17Q20LR56	17Q20H56
		0.33	742	1.32	156HA456	20Q20L56	20Q20R56	20Q20LR56	20Q20H56
		0.5	1,139	1.34	156HA456	23Q20L56	23Q20R56	23Q20LR56	23Q20H56
		0.75	1,728	1.32	256HA414	26Q20L14	26Q20R14	26Q20LR14	26Q20H14
		1	2,305	1.55	256HA414	30Q20L14	30Q20R14	30Q20LR14	30Q20H14
		1.5	3,457	1.55	214HA414	35Q20L14	35Q20R14	35Q20LR14	35Q20H14
100	17.5	0.25	736	1.29	156HA556	20Q20L56	20Q20R56	20Q20LR56	20Q20H56
		0.33	928	1.06	156HA556	20Q20L56	20Q20R56	20Q20LR56	20Q20H56
		0.5	1,423	1.07	156HA556	23Q20L56	23Q20R56	23Q20LR56	23Q20H56
		0.75	2,161	1.05	256HA514	26Q20L14	26Q20R14	26Q20LR14	26Q20H14
		1	2,881	1.24	256HA514	30Q20L14	30Q20R14	30Q20LR14	30Q20H14
		1.5	4,321	1.24	214HA514	35Q20L14	35Q20R14	35Q20LR14	35Q20H14
120	14.58	0.25	782	1.24	156HA456	20Q30L56	20Q30R56	20Q30LR56	20Q30H56
		0.33	1,046	1.44	156HA456	23Q30L56	23Q30R56	23Q30LR56	23Q30H56
		0.5	1,605	1.41	156HA456	26Q30L56	26Q30R56	26Q30LR56	26Q30H56
		0.75	2,408	1.33	256HA414	30Q30L14	30Q30R14	30Q30LR14	30Q30H14
		1	3,211	1.66	256HA414	35Q30L14	35Q30R14	35Q30LR14	35Q30H14
		1.5	4,816	1.11	214HA414	35Q30L14	35Q30R14	35Q30LR14	35Q30H14
125	14	0.25	836	1.19	156HA556	20Q25L56	20Q25R56	20Q25LR56	20Q25H56
		0.33	1,104	1.40	156HA556	23Q25L56	23Q25R56	23Q25LR56	23Q25H56
		0.5	1,715	1.35	156HA556	26Q25L56	26Q25R56	26Q25LR56	26Q25H56
		0.75	2,572	1.28	256HA514	30Q25L14	30Q25R14	30Q25LR14	30Q25H14
		1	3,430	1.57	256HA514	35Q25L14	35Q25R14	35Q25LR14	35Q25H14
		1.5	5,145	1.46	214HA514	40Q25L14	40Q25R14	40Q25LR14	40Q25H14
150	11.67	0.25	990	1.52	156HA556	23Q30L56	23Q30R56	23Q30LR56	23Q30H56
		0.33	1,307	1.15	156HA556	23Q30L56	23Q30R56	23Q30LR56	23Q30H56
		0.5	2,007	1.13	156HA556	26Q30L56	26Q30R56	26Q30LR56	26Q30H56
		0.75	3,010	1.06	256HA514	30Q30L14	30Q30R14	30Q30LR14	30Q30H14
		1	4,013	1.33	256HA514	35Q30L14	35Q30R14	35Q30LR14	35Q30H14
		1.5	6,020	1.25	214HA514	40Q30L14	40Q30R14	40Q30LR14	40Q30H14
160	10.94	0.25	976	1.55	156HA456	23Q40L56	23Q40R56	23Q40LR56	23Q40H56
		0.33	1,288	1.17	156HA456	23Q40L56	23Q40R56	23Q40LR56	23Q40H56
		0.5	2,006	1.13	156HA456	26Q40L56	26Q40R56	26Q40LR56	26Q40H56
		0.75	3,009	1.18	256HA414	30Q40L14	30Q40R14	30Q40LR14	30Q40H14
		1	4,013	1.33	256HA414	35Q40L14	35Q40R14	35Q40LR14	35Q40H14
		1.5	6,019	1.25	214HA414	40Q40L14	40Q40R14	40Q40LR14	40Q40H14

Tigear-2 ratio multiplier

Quick selections: Ratio multiplier and Tigear-2 assemblies

Overall ratio	Output speed (rpm)	Motor speed (hp)	Output torque	SF	HA	Tigear-2 part number Output shaft configuration			
					Part number	Solid shaft left	Solid shaft right	Solid shaft left/right	Hollow shaft
200	8.75	0.25	1,220	1.24	156HA556	23Q40L56	23Q40R56	23Q40LR56	23Q40H56
		0.33	1,655	1.37	156HA556	26Q40L56	26Q40R56	26Q40LR56	26Q40H56
		0.5	2,508	1.41	156HA556	30Q40L56	30Q40R56	30Q40LR56	30Q40H56
		0.75	3,762	1.42	256HA514	35Q40L14	35Q40R14	35Q40LR14	35Q40H14
		1	5,016	1.06	256HA514	35Q40L14	35Q40R14	35Q40LR14	35Q40H14
240	7.29	0.25	1,260	1.11	156HA456	23Q60L56	23Q60R56	23Q60LR56	23Q60H56
		0.33	1,718	1.21	156HA456	26Q60L56	26Q60R56	26Q60LR56	26Q60H56
		0.5	2,603	1.09	156HA456	30Q60L56	30Q60R56	30Q60LR56	30Q60H56
		0.75	3,904	1.22	256HA414	35Q60L14	35Q60R14	35Q60LR14	35Q60H14
		1	5,206	1.28	256HA414	40Q60L14	40Q60R14	40Q60LR14	40Q60H14
250	7	0.25	1,439	1.53	156HA556	26Q50L56	26Q50R56	26Q50LR56	26Q50H56
		0.33	1,900	1.16	156HA556	26Q50L56	26Q50R56	26Q50LR56	26Q50H56
		0.5	2,878	1.14	156HA556	30Q50L56	30Q50R56	30Q50LR56	30Q50H56
		0.75	4,317	1.19	256HA514	35Q50L14	35Q50R14	35Q50LR14	35Q50H14
		1	5,756	1.25	256HA514	40Q50L14	40Q50R14	40Q50LR14	40Q50H14
300	5.83	0.25	1,627	1.28	156HA556	26Q60L56	26Q60R56	26Q60LR56	26Q60H56
		0.33	2,147	1.32	156HA556	30Q60L56	30Q60R56	30Q60LR56	30Q60H56
		0.5	3,254	1.46	156HA556	35Q60L56	35Q60R56	35Q60LR56	35Q60H56
		0.75	4,881	1.36	256HA514	40Q60L14	40Q60R14	40Q60LR14	40Q60H14

Tigear-2 bolt-on base kits

All Tigear-2 reducers include top and bottom drilled and tapped mounting holes but do not include base
Each kit below includes the base and required mounting hardware

Reducer size	Standard kit number	Standard spacer kit number [1]	E-Z Kleen kit number	Stainless-steel FoodSafe kit [4]
13	13BASE	Not Required	13ZBASE	—
15	15BASE	Not Required	15ZBASE	—
17	17BASE	Not Required	17ZBASE	17SBASE
20	20BASE	Not Required	20ZBASE	20SBASE
21B	21BBASE	Not Required	21BZBASE	—
23 [1]	23BASE	2326SPACER	23ZBASE	23SBASE
26 [1]	26BASE	2326SPACER	26ZBASE	26SBASE
30 [1]	30BASE	3035SPACER	30ZBASE	30SBASE
32	32BASE	—	32ZBASE	—
35 [1]	35BASE	3035SPACER	35ZBASE	—
38	38BASE	—	—	—
40 [1]	40BASE	40SPACER	—	—
47	47BASE	Not Required	—	—

Note: (1) If base is to be mounted on top of reducer, spacer kit listed above will also be required to allow clearance of base and motor adapter housing. Currently not available with E-Z Kleen coating or stainless-steel material.
(4) Because of rounded housing design of Stainless reducer, top mounting is not available.

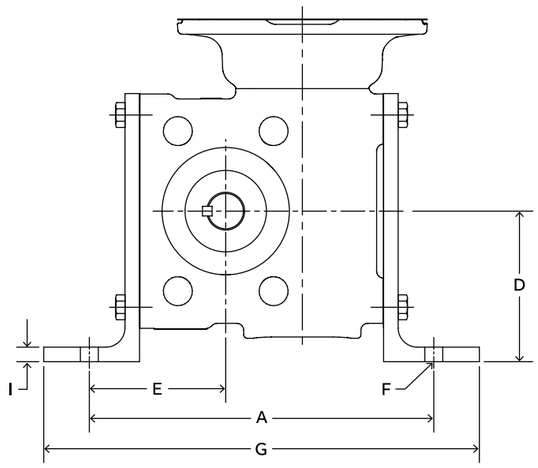
Size	A	B	C	D	E	F	G	H	I
13	5.25	4.19	0.52	4.38	3.31	3.25	2.00	0.34	0.28
15	6.13	5.19	0.61	5.25	4.31	3.50	2.25	0.44	0.28
17	6.94	5.56	0.74 [3]	5.88 [3]	4.50	4.19	2.75	0.41	0.34
20	7.26	5.66	0.74 [3]	6.20 [3]	4.60	5.00	2.88	0.50	0.41
21B	7.75	5.94	0.72	6.38	4.69	4.75	3.00	0.35	0.47
23	8.32	6.14	0.75	7.06	4.88	5.00	2.88	0.47	0.41
26	9.25	6.50	0.79/0.72 [2]	8.00	5.25	6.38	3.38	0.56	0.41
30	9.68	7.12	0.75	8.44	5.88	7.00	4.00	0.53	0.49
32	11.19	7.66	0.88	9.50	6.13	7.50	4.00	0.53	0.47
35	10.75	7.38	1.00	9.50	6.13	7.50	4.00	0.58	0.47
38	11.27	7.78	0.88	9.50	6.12	8.50	4.75	0.54	0.54
40	12.62	9.13	1.00	11.12	7.63	8.50	5.00	0.66	0.66
47	16.00	10.26	1.13	14.12	8.38	11.00	5.81	0.78	0.66

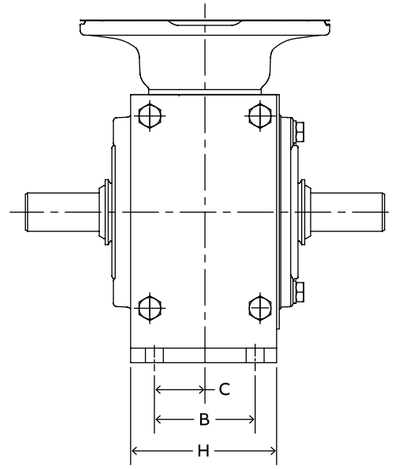
Notes: (2) C dimension for 26BASE and 26ZBASE is 0.79. C dimension for 26SBASE is 0.72
(3) Sizes 17 and 20 have slotted mounting holes. Size 17 slotted horizontally +/-0.06.
Size 17 slotted horizontally +/-0.06. Size 20 slotted 30 degree from horizontal +/-0.12 (see photo above left).

Tigear-2 J-motor base kit

J-mount kits allow the reducer to be “floor” mounted with the motor in a vertical (up) position. In this configuration the output shaft(s) is horizontal. Each kit includes the brackets and required mounting hardware.





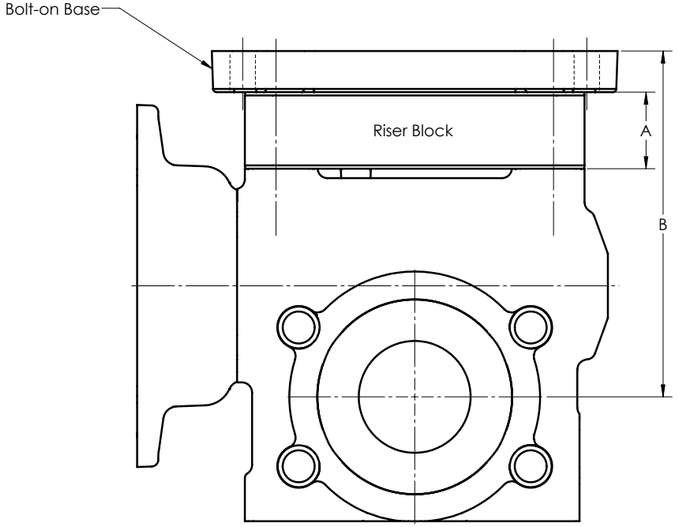


Reducer size	Standard kit number	E-Z Kleen kit number	A	B	C	D	E	F	G	H	I
13	13JMOUNT	13ZJMOUNT	6.88	2.00	1.00	2.95	2.71	0.34	7.76	2.88	0.25
15	15JMOUNT	15ZJMOUNT	7.98	2.50	1.25	3.50	3.12	0.41	9.48	3.38	0.31
17	17JMOUNT	17ZJMOUNT	8.35	2.50	1.25	3.50	3.24	0.41	9.85	3.56	0.38
20	20JMOUNT	20ZJMOUNT	8.97	2.63	1.32	3.94	3.55	0.47	11.35	3.75	0.38
23	23JMOUNT	23ZJMOUNT	9.88	2.88	1.44	4.06	3.75	0.50	10.88	4.12	0.38
26	26JMOUNT	26ZJMOUNT	11.48	3.13	1.57	4.75	4.43	0.53	13.36	4.25	0.38
30	30JMOUNT	30ZJMOUNT	11.88	4.00	2.00	5.62	4.75	0.56	13.02	5.06	0.38
32	32JMOUNT	32ZJMOUNT	12.56	4.00	2.00	5.69	5.09	0.56	14.00	5.06	0.38
35	35JMOUNT	35ZJMOUNT	13.50	4.00	2.00	5.50	5.45	0.56	15.57	5.50	0.38
38	—	—	—	—	—	—	—	—	—	—	—
40	40JMOUNT	—	14.88	5.00	2.50	6.50	6.12	0.69	16.26	6.38	0.50
47	47JMOUNT	—	17.51	5.81	2.91	7.75	7.19	0.69	18.89	7.19	0.50

Tigear-2 riser block kits

Riser blocks allow clearance over the motor eliminating the need to invert the reducer (worm under) when the application calls for a “ceiling” mount such as under a conveyor or other equipment. Riser blocks permit the reducer to be mounted in the most desirable position keeping the high speed shaft seal above the oil level. Experience shows that this position results in increased seal life and durability. Each kit includes the riser block and required mounting hardware.

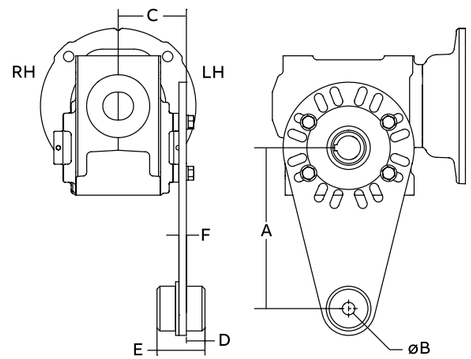
Reducer size	Standard kit number	E-Z Kleen kit number	A	B
13	13RISER	13ZRISER	1.66	5.36
15	15RISER	15ZRISER	1.38	5.61
17	17RISER	17ZRISER	1.38	5.99
20	20RISER	20ZRISER	1.38	6.24
23	23RISER	23ZRISER	2.25	7.88
26	26RISER	26ZRISER	1.91	8.21
30	30RISER	30ZRISER	2.25	8.63
32	32RISER	32ZRISER	2.38	9.14
35	35RISER	35ZRISER	1.69	9.27
40	40RISER	—	2.75	10.83
47	47RISER	—	2.00	11.57



Tigear-2 torque arm kits

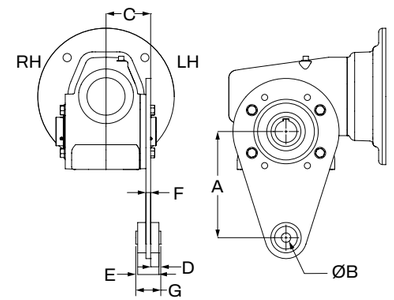
Torque arm kits are available for restraining hollow shaft reducers. Each kit includes a torque arm bracket, insert, and mounting hardware. Kits are available only for sizes listed in tables.

Standard torque arm kit



Case size	Torque arm								
	Part number	E-Z Kleen kit part number	A	ØB	C		D	E	F
					RH	LH			
17	1720TORQARM	1720ZTORQARM	6.75	0.5	2.77	2.77	0.78	2.53	0.31
20	1720TORQARM	1720ZTORQARM	6.75	0.5	2.87	2.87	0.78	2.53	0.31
23	2326TORQARM	2326ZTORQARM	6.75	0.5	3.22	3.22	0.78	2.53	0.31
26	2326TORQARM	2326ZTORQARM	6.75	0.5	3.31	3.22	0.78	2.53	0.31
30	3035TORQARM	3035ZTORQARM	14.5	0.5	3.86	3.86	0.78	2.53	0.31
32	3035TORQARM	3035ZTORQARM	14.5	0.5	3.86	3.86	0.78	2.53	0.31
35	3035TORQARM	3035ZTORQARM	14.5	0.5	3.76	3.86	0.78	2.53	0.31

Stainless-steel torque arm kit



Tigear-2 case size	Torque arm							
	Part number	A	ØB	C		D	E	F	G
				RH	LH				
17	SS17TORQARM	6.00	0.531	2.57	2.58	0.49	1.22	0.25	1.4375
20	SS20TORQARM	6.00	0.531	2.57	2.55	0.49	1.22	0.25	1.4375
23	SS23TORQARM	7.00	0.656	3.00	2.94	0.54	1.40	0.31	1.625
26	SS26TORQARM	7.00	0.656	2.94	2.94	0.54	1.40	0.31	1.625
30	SS30TORQARM	10.00	0.656	3.50	3.50	0.51	1.40	0.38	1.625

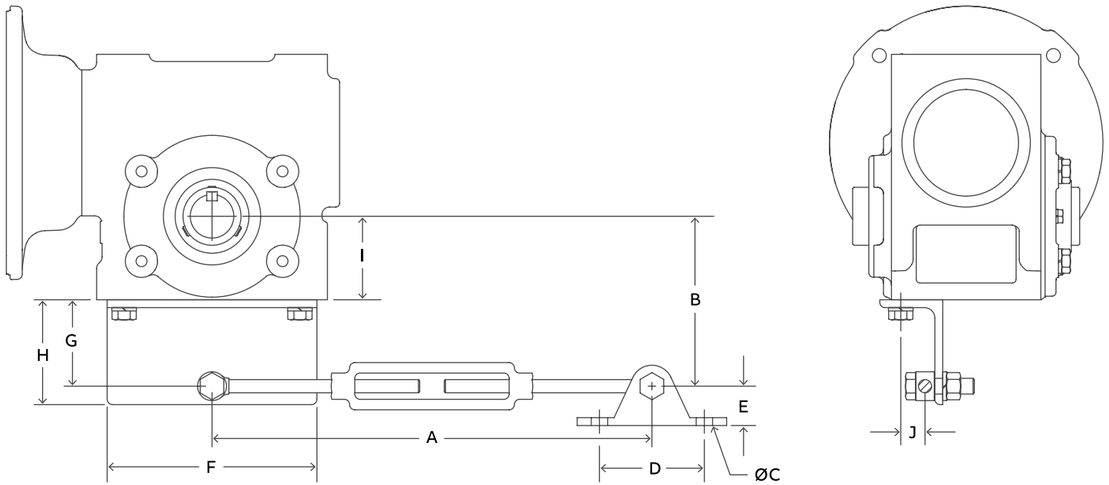
Tigear-2 tie rod kits

Tie rod kits are available for restraining hollow shaft reducers. Each kit includes reducer mounting bracket, tie rods, turnbuckle, fulcrum, and mounting hardware.

Reducer case size	Tie rod kit
13	13TIEROD
15	15TIEROD
17	17TIEROD
20	2023TIEROD
23	
26	26TIEROD

Reducer case size	Tie rod kit
30	30TIEROD
32	3235TIEROD
35	
40	40TIEROD
47	47TIEROD



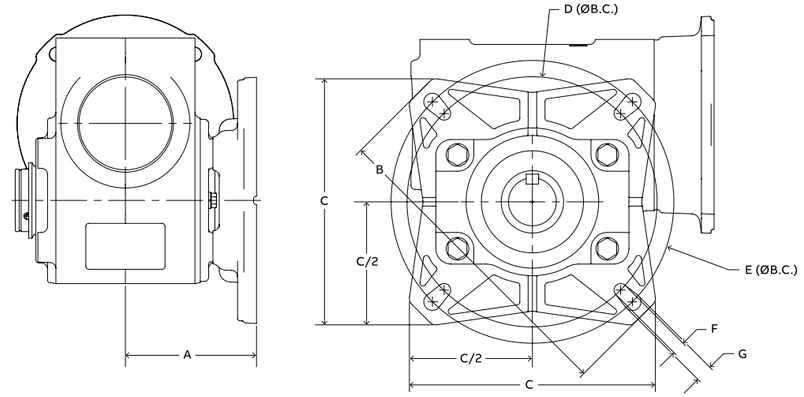


Size	A Min—Max	B	C	D	E	F	G	H	I	J
13	12.00—18.00	2.52	0.41	1.75	0.75	4.00	0.81	1.25	1.71	0.37
15	12.00—18.00	2.68	0.41	1.75	0.75	4.20	0.81	1.25	1.87	0.49
17	12.00—18.00	4.05	0.41	1.75	0.75	5.00	2.06	2.50	1.99	0.59
20	14.7—20.7	3.55	0.39	2.50	0.94	5.88	1.31	1.75	2.24	0.53
23	14.7—20.7	3.81	0.39	2.50	0.94	5.88	1.31	1.75	2.50	0.53
26	14.7—20.7	4.18	0.39	2.50	0.94	7.24	1.31	1.75	2.87	0.75
30	14.7—20.7	5.75	0.39	2.50	0.94	8.00	2.50	3.00	3.25	0.72
32	14.7—20.7	6.00	0.39	2.50	0.94	8.00	2.50	3.00	3.50	0.72
35	14.7—20.7	6.49	0.39	2.50	0.94	8.50	2.50	3.00	3.99	0.84
40	19.5—25.5	7.69	0.45	3.00	1.06	9.88	3.25	4.00	4.44	1.09
47	19.5—25.5	9.56	0.45	3.00	1.06	12.38	4.25	5.00	5.31	1.03

Tigear-2 output flange kits

Cast output flange kits

The cast output flange kit is used to mount hollow shaft reducers to a flat surface perpendicular to the output shaft. The flange may be substituted for a tie rod kit or torque arm kit to restrain reactions. Each kit consists of a flange and required mounting hardware. The output flange kit can be mounted to either side of a hollow output reducer. When used with Grip Tight bushings, a single bushing with key must be used and located on the side opposite of the cast output flange.

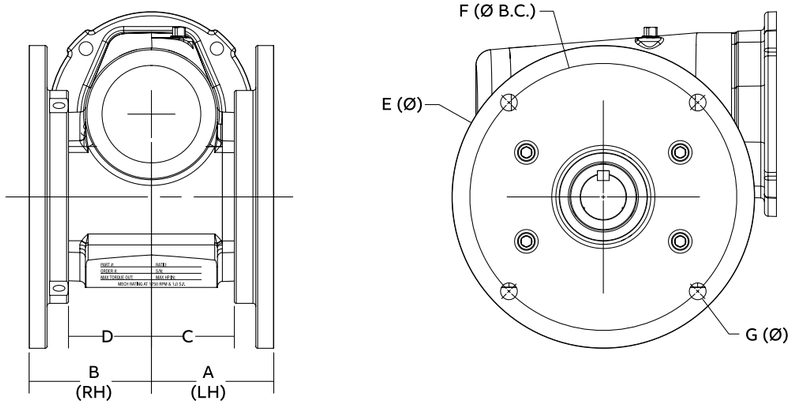


Case size	Standard kit number	E-Z Kleen kit number	A	B	C	D (ØB.C.)	E (ØB.C.)	F	G
13, 15	—	—	—	—	—	—	—	—	—
17	17FLANGE	17ZFLANGE	3.58	8.00	6.24	5.88	7.00	0.34	0.41
20	20FLANGE	20ZFLANGE	3.68	8.00	6.24	5.88	7.00	0.34	0.41
21B	—	—	—	—	—	—	—	—	—
23	2326FLANGE	2326ZFLANGE	3.94	9.60	7.52	7.50	8.47	0.41	0.51
26	2326FLANGE	2326ZFLANGE	3.94	9.60	7.52	7.580	8.47	0.41	0.51
30	3035FLANGE	3035ZFLANGE	5.81	11.60	9.00	9.00	10.43	0.56	0.56
32	3035FLANGE	3035ZFLANGE	5.81	11.60	9.00	9.00	10.43	0.56	0.56
35	3035FLANGE	3035ZFLANGE	5.81	11.60	9.00	9.00	10.43	0.56	0.56
38	—	—	—	—	—	—	—	—	—
40, 47	—	—	—	—	—	—	—	—	—

Tigear-2 output flange kits

Stainless-steel output flange kits

The stainless-steel output flange kit is used to mount FoodSafe hollow shaft reducers to a flat surface perpendicular to the output shaft. The flange may be substituted for a tie rod kit or torque arm kit to restrain reactions. Each kit consists of a flange and required mounting hardware. The stainless-steel output flange kit can be mounted to either side of a hollow output reducer. When used with Grip Tight bushings, a single bushing with key must be used and located on the side opposite of the stainless-steel output flange.



Case size	Stainless-steel FoodSafe kit number	A (LH)	B (RH)	C (LH)	D (RH)	E (Ø)	F (ØB.C.)	G (Ø)
13, 15	—	—	—	—	—	—	—	—
17	17SFLANGE	3.59	3.58	2.33	2.32	8.00	7.00	0.41
20	20SFLANGE	3.55	3.57	2.30	2.32	8.13	7.00	0.41
23	23SFLANGE	3.88	3.94	2.63	2.69	9.60	8.47	0.53
26	26SFLANGE	3.88	3.88	2.63	2.63	9.60	8.47	0.53
30	30SFLANGE	5.81	5.81	3.12	3.12	11.60	10.43	0.56
32	—	—	—	—	—	—	—	—
35, 38	—	—	—	—	—	—	—	—
40, 47	—	—	—	—	—	—	—	—

Tigear-2 hollow reducer bushing kits

Bushing kits allow hollow output reducers to be mounted to various diameter shafting. Each kit includes bushing and key.



Grip Tight tapered adapter bushing kit



Straight bore bushing kit

Reducer size	Max bore (in)	Bore size	Standard		Stainless-steel	
			Grip Tight*	Straight bore	Grip Tight*	Straight bore
13	3/4	—	—	—	—	—
15	3/4	—	—	—	—	—
17	1	7/8 in	—	17BUSH014	—	17SBUSH014
Use with selected standard bore reducer model.						
20	1-1/4	15/16 in	—	20BUSH015	—	20SBUSH015
		1 in	—	20BUSH100	—	20SBUSH100
		25 mm	—	20BUSH025	—	20SBUSH025
Use with selected standard bore reducer model.						
20 Alt	1-3/16	—	—	—	—	—
Use with selected alternate bore (max bore) reducer model.						
23	1-7/16	1 in	—	2326BUSH100	—	2326SBUSH100
		1-1/8 in	—	2326BUSH102	—	2326SBUSH102
		1-3/16 in	—	2326BUSH103	—	2326SBUSH103
		1-1/4 in	—	2326BUSH104	—	2326SBUSH104
		25 mm	—	2326BUSH025	—	2326SBUSH025
		30 mm	—	2326BUSH030	—	2326SBUSH030
Use with selected standard bore reducer model.						
23 Alt	1-1/2	1 in	23TBUSH100	—	23STBUSH100	—
		1-3/16 in	23TBUSH103	—	23STBUSH103	—
Use with selected alternate bore (max bore) reducer model.						
26	1-7/16	1 in	—	2326BUSH100	—	2326SBUSH100
		1-1/8 in	—	2326BUSH102	—	2326SBUSH102
		1-3/16 in	—	2326BUSH103	—	2326SBUSH103
		1-1/4 in	—	2326BUSH104	—	2326SBUSH104
		25 mm	—	2326BUSH025	—	2326SBUSH025
		30 mm	—	2326BUSH030	—	2326SBUSH030
Use with selected standard bore reducer model.						
26 Alt	1-11/16	1 in	26TBUSH100	—	26STBUSH100	—
		1-3/16 in	26TBUSH103	—	26STBUSH103	—
		1-1/4 in	26TBUSH104	—	26STBUSH104	—
		1-3/8 in	26TBUSH106	—	26STBUSH106	—
		1-7/16 in	26TBUSH107	—	26STBUSH107	—
		35 mm	26BUSH035	—	26SBUSH035	—
Use with selected alternate bore (max bore) reducer model.						

* Required shaft diameter tolerance for Grip Tight bushing: +0.000", -0.003"

Tigear-2 hollow reducer bushing kits

Bushing kits allow hollow output reducers to be mounted to various diameter shafting. Each kit includes bushing and key.



Grip Tight tapered adapter bushing kit



Straight bore bushing kit

Reducer size	Max bore (in)	Bore size	Standard		Stainless-steel	
			Grip Tight*	Straight bore	Grip Tight*	Straight bore
30	1-15/16	1 in	—	30BUSH100	—	30SBUSH100
		1-1/4 in	—	3035BUSH104	—	3035SBUSH104
		1-3/8 in	3035TBUSH106	—	3035STBUSH106	—
		1-7/16 in	3035TBUSH107	3035BUSH107	3035STBUSH107	3035SBUSH107
		1-1/2 in	3035TBUSH108	—	3035STBUSH108	—
		1-5/8 in	—	3035BUSH110	—	3035SBUSH110
		1-11/16 in	—	3035BUSH111	—	3035SBUSH111
		1-3/4 in	—	3035BUSH112	—	3035SBUSH112
		35 mm	—	3035BUSH035	—	3035SBUSH035
		40 mm	—	3035BUSH040	—	3035SBUSH040
		45 mm	—	3035BUSH045	—	3035SBUSH045
Use with selected standard bore reducer model.						
32	1-15/16	1 in	—	30BUSH100	—	30SBUSH100
		1-1/4 in	—	3035BUSH104	—	3035SBUSH104
		1-3/8 in	3035TBUSH106	—	3035STBUSH106	—
		1-7/16 in	3035TBUSH107	3035BUSH107	3035STBUSH107	3035SBUSH107
		1-1/2 in	3035TBUSH108	—	3035STBUSH108	—
		1-5/8 in	—	3035BUSH110	—	3035SBUSH110
		1-11/16 in	—	3035BUSH111	—	3035SBUSH111
		1-3/4 in	—	3035BUSH112	—	3035SBUSH112
		35 mm	—	3035BUSH035	—	3035SBUSH035
		40 mm	—	3035BUSH040	—	3035SBUSH040
		45 mm	—	3035BUSH045	—	3035SBUSH045
Use with selected standard bore reducer model.						
35	1-15/16	1-1/4 in	—	3035BUSH104	—	3035SBUSH104
		1-3/8 in	3035TBUSH106	—	3035STBUSH106	—
		1-7/16 in	3035TBUSH107	—	3035STBUSH107	—
		1-1/2 in	3035TBUSH108	—	3035STBUSH108	—
		1-5/8 in	—	3035BUSH110	—	3035SBUSH110
		1-11/16 in	—	3035BUSH111	—	3035SBUSH111
		1-3/4 in	—	3035BUSH112	—	3035SBUSH112
		35 mm	—	3035BUSH035	—	3035SBUSH035
		40 mm	—	3035BUSH040	—	3035SBUSH040
		45 mm	—	3035BUSH045	—	3035SBUSH045
Use with selected standard bore reducer model.						
38	—	Hollow bore not available				
40	2-3/16	1-7/16 in	40TBUSH107	—	—	—
		1-1/2 in	40TBUSH108	—	—	—
		1-11/16 in	40TBUSH111	—	—	—
		1-3/4 in	—	40BUSH112	—	—
		40 mm	—	40BUSH040	—	—
Use with selected standard bore reducer model.						
47	2-15/16	1-15/16 in	47TBUSH115	—	—	—
		2-3/16 in	47TBUSH203	—	—	—
Use with selected standard bore reducer model.						

* Required shaft diameter tolerance for Grip Tight bushing: +0.000", -0.003"

Tigear-2 hollow reducer with alternative maximum bore

Size 20 hollow reducer part numbers with alternative maximum bore (1-3/16 inch)

Input	Motor frame	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
Quill	56C	20Q05HA56	20Q07HA56	20Q10HA56	20Q15HA56	20Q20HA56	20Q25HA56	20Q30HA56	20Q40HA56	20Q50HA56	20Q60HA56
	140TC	20Q05HA14	20Q07HA14	20Q10HA14	20Q15HA14	20Q20HA14	20Q25HA14	—	—	—	—
Separate	Select motor adapter kit as needed	20S05HA	20S07HA	20S10HA	20S15HA	20S20HA	20S25HA	20S30HA	20S40HA	20S50HA	20S60HA
Coupled assembly	56C	20A05HA56	20A07HA56	20A10HA56	20A15HA56	20A20HA56	20A25HA56	20A30HA56	20A40HA56	20A50HA56	20A60HA56
	140TC	20A05HA14	20A07HA14	20A10HA14	20A15HA14	20A20HA14	20A25HA14	—	—	—	—

Note: Tapered bushing kits are not available for size 20.

Size 23 hollow reducer part numbers with alternative maximum bore (1-1/2 inch)

Input	Motor frame	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
Quill	56C	23Q05HA56	23Q07HA56	23Q10HA56	23Q15HA56	23Q20HA56	23Q25HA56	23Q30HA56	23Q40HA56	23Q50HA56	23Q60HA56
	140TC	23Q05HA14	23Q07HA14	23Q10HA14	23Q15HA14	23Q20HA14	23Q25HA14	23Q30HA14	23Q40HA14	—	—
	180TC	23Q05HA18	23Q07HA18	23Q10HA18	—	—	—	—	—	—	—
Separate	Select motor adapter kit as needed	23S05HA	23S07HA	23S10HA	23S15HA	23S20HA	23S25HA	23S30HA	23S40HA	23S50HA	23S60HA
Coupled assembly	56C	23A05HA56	23A07HA56	23A10HA56	23A15HA56	23A20HA56	23A25HA56	23A30HA56	23A40HA56	23A50HA56	23A60HA56
	140TC	23A05HA14	23A07HA14	23A10HA14	23A15HA14	23A20HA14	23A25HA14	23A30HA14	23A40HA14	—	—
	180TC	23A05HA18	23A07HA18	23A10HA18	—	—	—	—	—	—	—

Note: These reducers are required when using tapered bushing kits for size 23.

Size 26 hollow reducer part numbers with alternative maximum bore (1-11/16 inch)

Input	Motor frame	Ratio									
		5	7.5	10	15	20	25	30	40	50	60
Quill	56C	—	26Q07HA56	26Q10HA56	26Q15HA56	26Q20HA56	26Q25HA56	26Q30HA56	26Q40HA56	26Q50HA56	26Q60HA56
	140TC	26Q05HA14	26Q07HA14	26Q10HA14	26Q15HA14	26Q20HA14	26Q25HA14	26Q30HA14	26Q40HA14	26Q50HA14	26Q60HA14
	180TC	26Q05HA18	26Q07HA18	26Q10HA18	26Q15HA18	—	—	—	—	—	—
Separate	Select motor adapter kit as needed	26S05HA	26S07HA	26S10HA	26S15HA	26S20HA	26S25HA	26S30HA	26S40HA	26S50HA	26S60HA
Coupled assembly	56C	—	26A07HA56	26A10HA56	26A15HA56	26A20HA56	26A25HA56	26A30HA56	26A40HA56	26A50HA56	26A60HA56
	140TC	26A05HA14	26A07HA14	26A10HA14	26A15HA14	26A20HA14	26A25HA14	26A30HA14	26A40HA14	26A50HA14	26A60HA14
	180TC	26A05HA18	26A07HA18	26A10HA18	26A15HA18	—	—	—	—	—	—

Note: These reducers are required when using tapered bushing kits for size 26.

Tigear-2 hollow reducer with alternative maximum bore

Tigear-2 FoodSafe optional bore sizes

Size 23 hollow reducer part numbers with alternative maximum bore (1-1/4 inch)

Input	Motor frame	Ratio 5	7.5	10	15	20
Quill	56C	SS23Q05H56BD104	SS23Q07H56BD104	SS23Q10H56BD104	SS23Q15H56BD104	SS23Q20H56BD104
	140TC	SS23Q05H14BD104	SS23Q07H14BD104	SS23Q10H14BD104	SS23Q15H14BD104	SS23Q20H14BD104
	180TC	SS23Q05H18BD104	SS23Q07H18BD104	SS23Q10H18BD104	—	—
Coupled assembly	56C	SS23A05H56BD104	SS23A07H56BD104	SS23A10H56BD104	SS23A15H56BD104	SS23A20H56BD104
	140TC	SS23A05H14BD104	SS23A07H14BD104	SS23A10H14BD104	SS23A15H14BD104	SS23A20H14BD104
	180TC	SS23A05H18BD104	SS23A07H18BD104	SS23A10H18BD104	—	—

Input	Motor frame	Ratio 25	30	40	50	60
Quill	56C	SS23Q25H56BD104	SS23Q30H56BD104	SS23Q40H56BD104	SS23Q50H56BD104	SS23Q60H56BD104
	140TC	SS23Q25H14BD104	SS23Q30H14BD104	SS23Q40H14BD104	—	—
	180TC	—	—	—	—	—
Coupled assembly	56C	SS23A25H56BD104	SS23A30H56BD104	SS23A40H56BD104	SS23A50H56BD104	SS23A60H56BD104
	140TC	SS23A25H14BD104	SS23A30H14BD104	SS23A40H14BD104	—	—
	180TC	—	—	—	—	—

Size 26 hollow reducer part numbers with alternative maximum bore (1-1/4 inch)

Input	Motor frame	Ratio 5	7.5	10	15	20
Quill	56C	—	SS26Q07H56BD104	SS26Q10H56BD104	SS26Q15H56BD104	SS26Q20H56BD104
	140TC	SS26Q05H14BD104	SS26Q07H14BD104	SS26Q10H14BD104	SS26Q15H14BD104	SS26Q20H14BD104
	180TC	SS26Q05H18BD104	SS26Q07H18BD104	SS26Q10H18BD104	SS26Q15H18BD104	—
Coupled assembly	56C	—	SS26A07H56BD104	SS26A10H56BD104	SS26A15H56BD104	SS26A20H56BD104
	140TC	SS26A05H14BD104	SS26A07H14BD104	SS26A10H14BD104	SS26A15H14BD104	SS26A20H14BD104
	180TC	SS26A05H18BD104	SS26A07H18BD104	SS26A10H18BD104	SS26A15H18BD104	—

Input	Motor frame	Ratio 25	30	40	50	60
Quill	56C	SS26Q25H56BD104	SS26Q30H56BD104	SS26Q40H56BD104	SS26Q50H56BD104	SS26Q60H56BD104
	140TC	SS26Q25H14BD104	SS26Q30H14BD104	SS26Q40H14BD104	SS26Q50H14BD104	SS26Q60H14BD104
	180TC	—	—	—	—	—
Coupled assembly	56C	SS26A25H56BD104	SS26A30H56BD104	SS26A40H56BD104	SS26A50H56BD104	SS26A60H56BD104
	140TC	SS26A25H14BD104	SS26A30H14BD104	SS26A40H14BD104	SS26A50H14BD104	SS26A60H14BD104
	180TC	—	—	—	—	—

Size 30 hollow reducer part numbers with alternative maximum bore (1-7/16 inch)

Input	Motor frame	Ratio 5	7.5	10	15	20
Quill	56C	—	—	—	—	SS30Q20H56BD107
	140TC	SS30Q05H14BD107	SS30Q07H14BD107	SS30Q10H14BD107	SS30Q15H14BD107	SS30Q20H14BD107
	180TC	SS30Q05H18BD107	SS30Q07H18BD107	SS30Q10H18BD107	SS30Q15H18BD107	SS30Q20H18BD107
Coupled assembly	56C	—	—	—	—	SS30A20H56BD107
	140TC	SS30A05H14BD107	SS30A07H14BD107	SS30A10H14BD107	SS30A15H14BD107	SS30A20H14BD107
	180TC	S30A05H18BD107	SS30A07H18BD107	SS30A10H18BD107	SS30A15H18BD107	SS30A20H18BD107

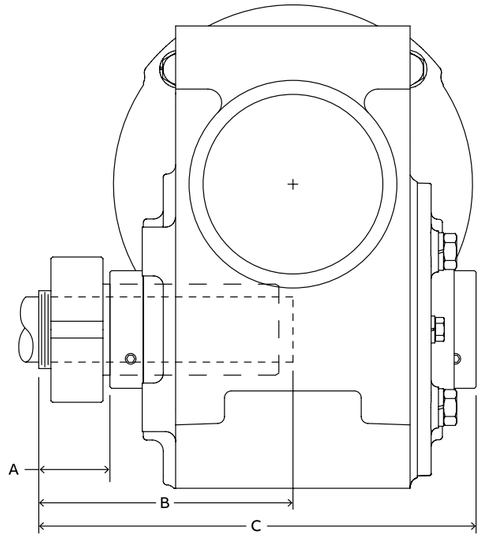
Input	Motor frame	Ratio 25	30	40	50	60
Quill	56C	SS30Q25H56BD107	SS30Q30H56BD107	SS30Q40H56BD107	SS30Q50H56BD107	SS30Q60H56BD107
	140TC	SS30Q25H14BD107	SS30Q30H14BD107	SS30Q40H14BD107	SS30Q50H14BD107	SS30Q60H14BD107
	180TC	SS30Q25H18BD107	—	—	—	—
Coupled assembly	56C	SS30A25H56BD107	SS30A30H56BD107	SS30A40H56BD107	SS30A50H56BD107	SS30A60H56BD107
	140TC	SS30A25H14BD107	SS30A30H14BD107	SS30A40H14BD107	SS30A50H14BD107	SS30A60H14BD107
	180TC	SS30A25H18BD107	—	—	—	—

Tigear-2 tapered bushing dimensions

Single bushing with key

Bushing located on side of reducer closest to driven device

This is the preferred mounting method for single bushing applications.



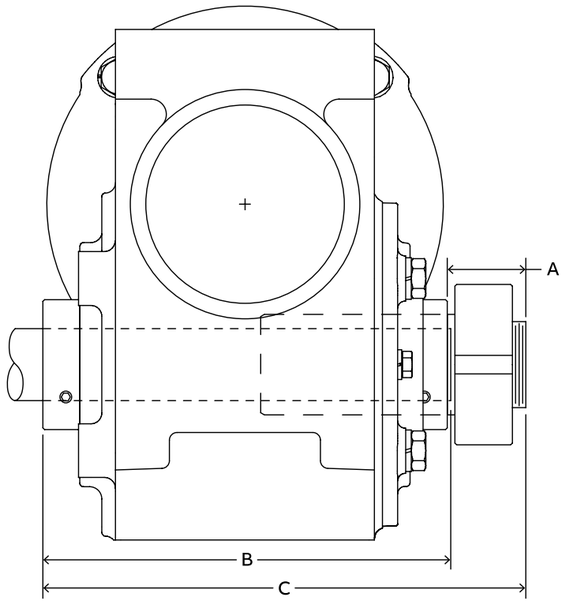
Reducer size	Driven shaft diameter	A Distance from end of bushing to end of hollow shaft	B Distance from end of bushing to end of driven shaft	C Distance from end of bushing to opposite end of hollow shaft	Keyway width	Minimum keyway length from end of driven shaft
23	1.000	1.25	4.37	7.87	0.25	3.12
	1.1875	1.25	4.37	7.87	0.25	3.12
26	1.000	1.38	4.50	8.00	0.25	3.12
	1.1875	1.38	4.50	8.00	0.25	3.12
	1.250	1.38	4.50	8.00	0.25	3.12
	1.375	1.38	4.50	8.00	0.3125	3.12
30	1.375	1.44	5.12	9.20	0.3125	3.68
	1.4375	1.44	5.12	9.20	0.375	3.68
	1.500	1.44	5.12	9.20	0.375	3.68
32	1.375	1.44	5.12	9.20	0.3125	3.68
	1.4375	1.44	5.12	9.20	0.375	3.68
	1.500	1.44	5.12	9.20	0.375	3.68
35*	1.375	1.44	5.12	10.18	0.3125	3.68
	1.4375	1.44	5.12	10.18	0.375	3.68
	1.500	1.44	5.12	10.18	0.375	3.68
40*	1.500	1.69	6.24	11.51	0.375	4.55
	1.6875	1.69	6.24	11.51	0.375	4.55
47*	1.9375	2.13	7.44	14.01	0.500	5.31
	2.1875	2.13	7.44	14.01	0.500	5.31

* It is recommended that these size reducers be used with bushings on both sides of the reducer.

Tigear-2 tapered bushing dimensions

Single bushing with key

Bushing located on opposite side of reducer



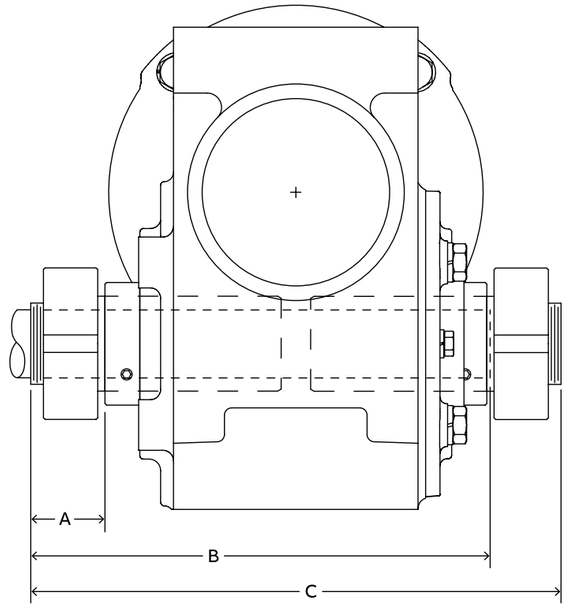
Reducer size	Driven shaft diameter	A Distance from end of hollow shaft to end of bushing	B Distance from end of hollow shaft to end of driven shaft	C Distance from hollow shaft to end of bushing	Keyway width	Minimum keyway length from end of driven shaft
23	1.000	1.25	6.75	7.87	0.25	1.75
	1.1875	1.25	6.75	7.87	0.25	2.00
26	1.000	1.38	6.75	8.00	0.25	1.75
	1.1875	1.38	6.75	8.00	0.25	2.00
	1.250	1.38	6.75	8.00	0.25	2.13
	1.375	1.38	6.75	8.00	0.3125	2.44
30	1.375	1.44	7.89	9.20	0.3125	2.44
	1.4375	1.44	7.89	9.20	0.375	2.50
	1.500	1.44	7.89	9.20	0.375	2.63
32	1.375	1.44	7.89	9.20	0.3125	2.44
	1.4375	1.44	7.89	9.20	0.375	2.50
	1.500	1.44	7.89	9.20	0.375	2.63
35*	1.375	1.44	8.87	10.18	0.3125	2.44
	1.4375	1.44	8.87	10.18	0.375	2.50
	1.500	1.44	8.87	10.18	0.375	2.63
40*	1.500	1.69	9.95	11.51	0.375	2.63
	1.6875	1.69	9.95	11.51	0.375	2.88
47*	1.9375	2.13	12.01	14.01	0.500	3.38
	2.1875	2.13	12.01	14.01	0.500	3.75

* It is recommended that these size reducers be used with two bushings

Tigear-2 tapered bushing dimensions

Double bushing with key

This is the preferred mounting method for double bushing applications

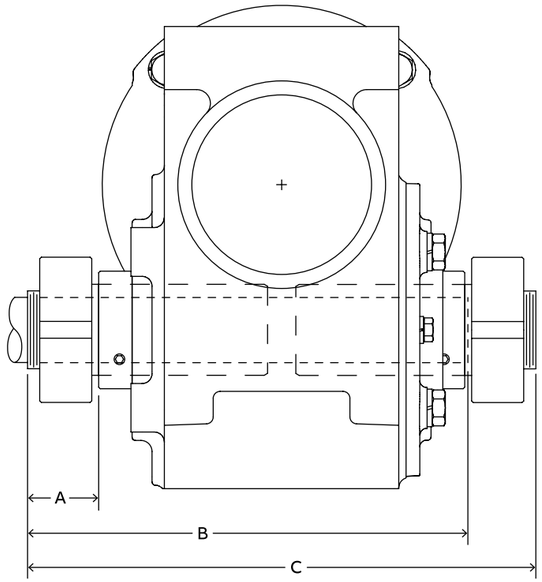


Reducer size	Driven shaft diameter	A Distance from end of bushing to end of hollow shaft	B Distance from end of bushing to end of driven shaft	C Total width of bushings	Keyway width	Minimum keyway length from end of driven shaft
23	1.000	1.25	8.00	9.13	0.25	6.75
	1.1875	1.25	8.00	9.13	0.25	6.75
26	1.000	1.38	8.13	9.39	0.25	6.75
	1.1875	1.38	8.13	9.39	0.25	6.75
	1.250	1.38	8.13	9.39	0.25	6.75
	1.375	1.38	8.13	9.39	0.3125	6.75
30	1.375	1.44	9.33	10.65	0.3125	7.89
	1.4375	1.44	9.33	10.65	0.375	7.89
	1.500	1.44	9.33	10.65	0.375	7.89
32	1.375	1.44	9.33	10.65	0.3125	7.89
	1.4375	1.44	9.33	10.65	0.375	7.89
	1.500	1.44	9.33	10.65	0.375	7.89
35	1.375	1.44	10.31	11.63	0.3125	8.87
	1.4375	1.44	10.31	11.63	0.375	8.87
	1.500	1.44	10.31	11.63	0.375	8.87
40	1.500	1.69	11.64	13.21	0.375	9.95
	1.6875	1.69	11.64	13.21	0.375	9.95
47	1.9375	2.13	14.14	16.15	0.500	12.01
	2.1875	2.13	14.14	16.15	0.500	12.01

Tigear-2 tapered bushing dimensions

Double bushing without key

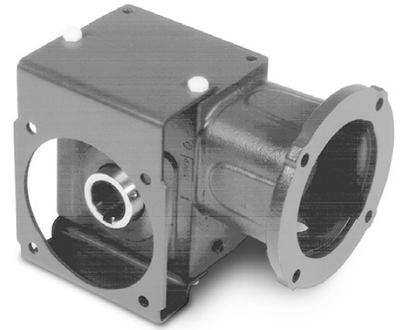
Do not use for brake motor applications or other critical applications

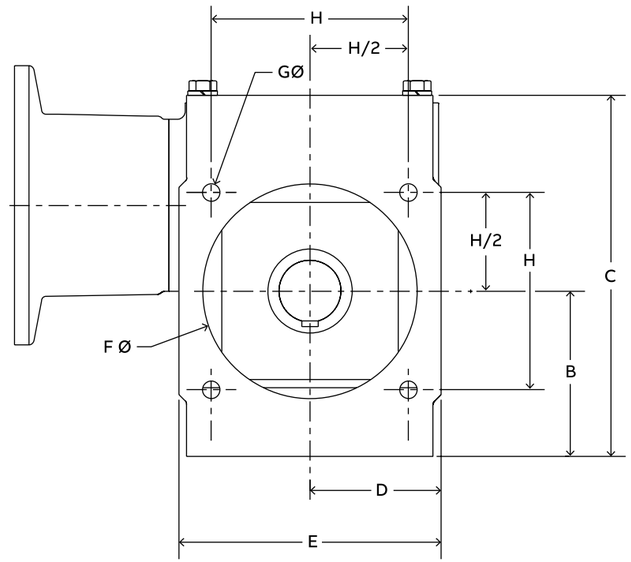


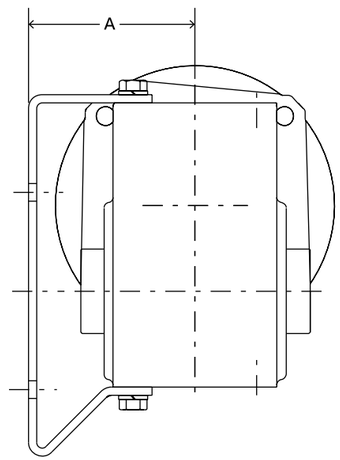
Reducer size	A Distance from end of bushing to end of hollow shaft	B Distance from end of bushing to end of driven shaft	C Total width of bushings
23	1.25	8.00	9.13
26	1.38	8.13	9.39
30	1.44	9.33	10.65
32	1.44	9.33	10.65
35	1.44	10.31	11.63
40	1.69	11.64	13.21
47	2.13	14.14	16.15

Output bracket kit

The output bracket kit is used to mount the reducer to a flat surface perpendicular to the output shaft. On hollow shaft units, an output bracket may be substituted for a tie rod kit to restrain reactions. Each kit consists of a bracket and required mounting hardware. The output bracket kit can be mounted to either side of the reducer.



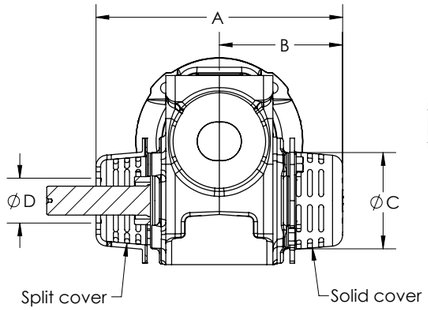




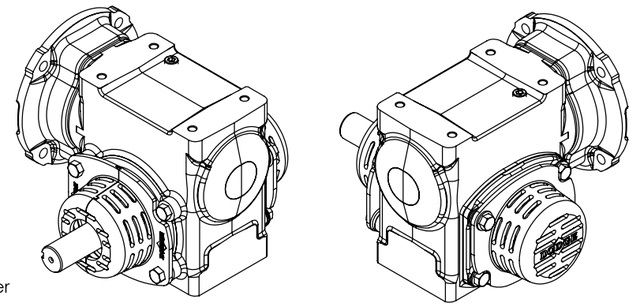
Case size	Standard kit number	E-Z Kleen kit number	A	B	C	D	E	F	G	H	G (Ø B.C.)
13	13BRACKET	13ZBRACKET	3.00	3.08	6.39	2.33	4.66	3.81	0.34	3.54	5.01
15	15BRACKET	15ZBRACKET	3.21	2.77	6.57	2.33	4.66	3.81	0.34	3.54	5.01
17	17BRACKET	17ZBRACKET	3.50	3.36	7.41	2.77	5.54	4.44	0.34	4.16	5.88
20	20BRACKET	20ZBRACKET	3.88	3.81	8.11	3.05	6.10	5.00	0.41	4.60	6.51
21B	—	—	—	—	—	—	—	—	—	—	—
23	23BRACKET	23ZBRACKET	3.72	3.94	9.07	3.25	6.50	5.00	0.41	5.30	7.50
26	26BRACKET	26ZBRACKET	4.63	4.15	9.89	3.80	7.60	6.56	0.41	5.66	8.00
30	30BRACKET	30ZBRACKET	4.50	4.41	10.29	4.39	8.14	7.00	0.41	6.36	8.99
32	32BRACKET	32ZBRACKET	5.25	5.00	11.13	4.27	8.54	7.00	0.56	7.07	10.01
35	35BRACKET	35ZBRACKET	5.25	5.51	12.35	4.80	9.60	8.56	0.41	7.07	10.00
38	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—
47	—	—	—	—	—	—	—	—	—	—	—

Hollow output safety covers

Safety cover kits are available to enclose the rotating shaft on hollow output reducers. The kits are designed to fit reducers equipped with Grip Tight or straight-bore bushings, or reducers equipped with the standard straight-bore hollow output shaft. The covers are made from a water- resistant polymer and include stainless-steel fasteners for mild washdown applications. The covers feature a slotted design that prevents water and debris from collecting inside.



Safety cover - end view



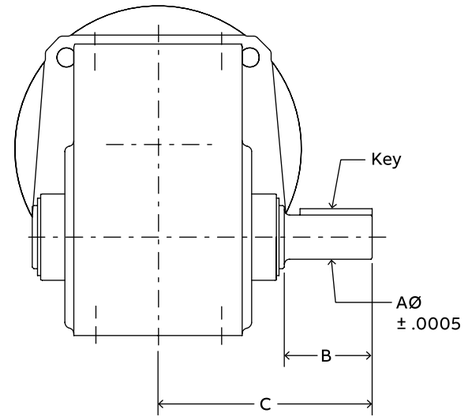
Safety cover - isometric views

Case size	Cover style	Standard and E-Z Kleen kit number	FoodSafe kit number	A	B	C	D
17	Closed	17CLSDCOVER	SS17CLSDCOVER	8.27	4.140	2.870	—
	Open	17OPENCOVER	SS17OPENCOVER	8.27	4.140	2.870	1.12
20	Closed	20CLSDCOVER	SS20CLSDCOVER	8.47	4.240	3.740	—
	Open	20OPENCOVER	SS20OPENCOVER	8.47	4.240	3.740	1.50
21B	Closed	—	—	—	—	—	—
	Open	20OPENCOVER	—	—	—	—	—
23	Closed	23CLSDCOVER	SS23CLSDCOVER	9.62	4.810	3.794	—
	Open	23OPENCOVER	SS23OPENCOVER	9.62	4.810	3.794	1.75
26	Closed	26CLSDCOVER	SS26CLSDCOVER	9.71	4.810	4.470	—
	Open	26OPENCOVER	SS26OPENCOVER	9.71	4.810	4.470	1.94
30	Closed	3032CLSDCOVER	SS30CLSDCOVER	10.70	5.350	4.740	—
	Open	3032OPENCOVER	SS30OPENCOVER	10.70	5.350	4.740	2.19
32	Closed	3032CLSDCOVER	—	10.70	5.350	4.740	—
	Open	3032OPENCOVER	—	10.70	5.350	4.740	2.19
35	Closed	35CLSDCOVER	—	12.08	6.090	5.710	—
	Open	3538OPENCOVER	—	12.08	6.090	5.710	2.19
38	Closed	—	—	12.08	6.090	5.710	—
	Open	3538OPENCOVER	—	12.08	6.090	5.710	2.19
40	Closed	40CLSDCOVER	—	13.37	6.685	6.450	—
	Open	40OPENCOVER	—	13.37	6.685	6.450	2.44

Plug-in output shaft kit

A plug-in output shaft kit permits the conversion of a hollow output to a solid output reducer. Customers can easily change output shaft locations from left to right with this accessory. These kits can only be used with standard max bore reducers. They cannot be used with alternative max bore reducers. If other shaft requirements are necessary, consult Dodge. Kit includes shaft, snap rings, and keys.



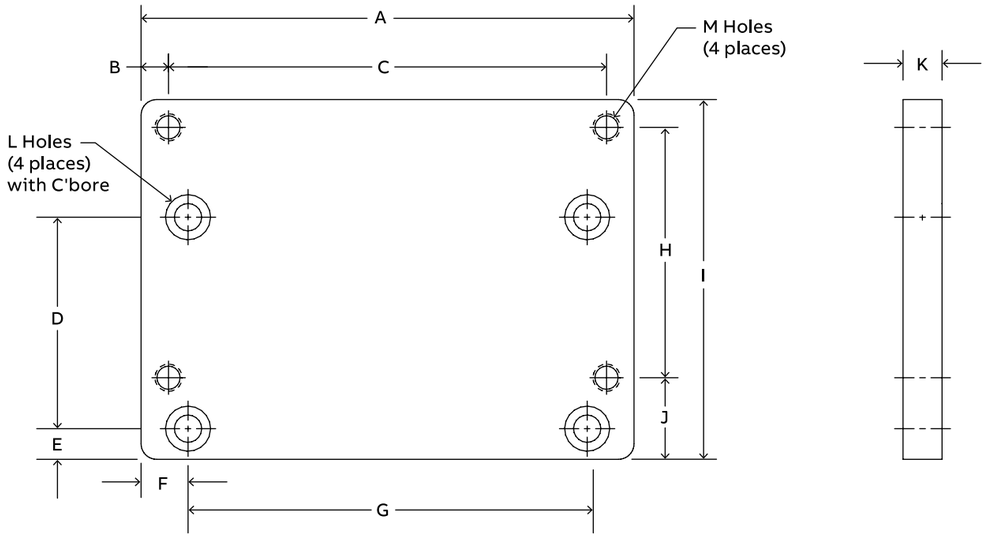


Case size	Kit number	A +/-0.0005	B	C	Key
13	13PLUGIN	0.6245	1.82	4.47	3/16 SQ x 1.50
15	15PLUGIN	0.7495	1.82	4.47	3/16 SQ x 1.50
17	17PLUGIN	0.8745	1.81	4.81	3/16 SQ x 1.50
20	20PLUGIN	0.9995	2.11	5.31	1/4 SQ x 1.75
23	23PLUGIN	1.1245	2.36	6.05	1/4 SQ x 1.98
26	26PLUGIN	1.1245	2.36	6.05	1/4 SQ x 1.98
30	3032PLUGIN	1.3745	3.43	7.76	5/16 SQ x 3.00
32	3032PLUGIN	1.3745	3.43	7.76	5/16 SQ x 3.00
35	35PLUGIN	1.4995	3.34	8.17	3/8 SQ x 2.93
40	40PLUGIN	1.8745	4.10	9.46	1/2 SQ x 3.53
47	47PLUGIN	1.9995	3.93	10.46	1/2 SQ x 3.53

Note: Solid shaft gearboxes are recommended whenever overhung load is present. Plug-in shafts can be used for overhung load applications if testing has been done to verify the plug-in shaft performs to expectations. Special length and diameter solid shafts are available through the Tigear-2 special options program.

Transition base kits for downsizing

Tigear-2 transition base kits allow a smaller reducer to “drop-in” to the bolt hole pattern of the next size larger reducer. This scenario is possible in many replacement situations because of the increases in the Tigear-2 output torque capacity. The base will locate the output shaft in the same position as the one from the larger reducer being replaced.

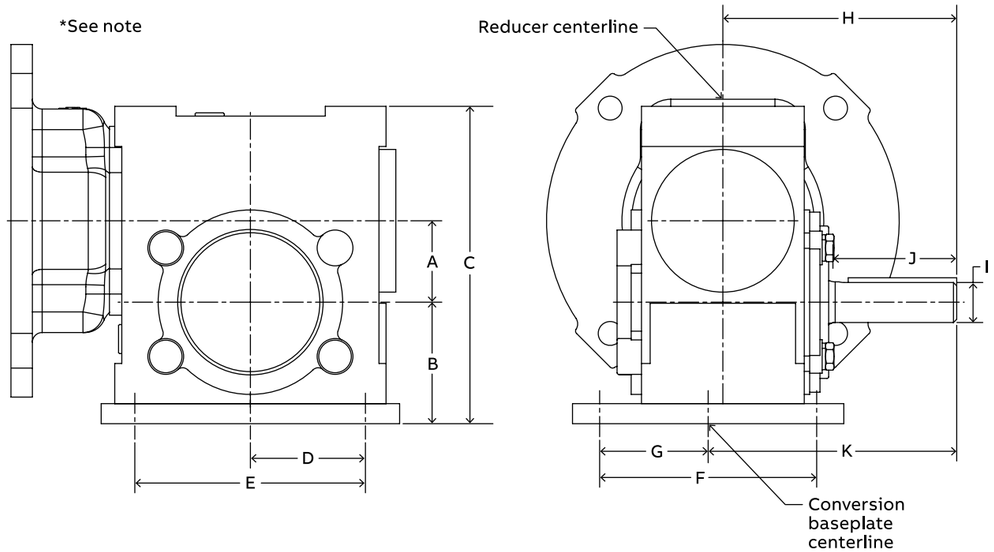


Downsizing

From	To	Kit number	A	B	C	D	E	F	G	H	I	J	K	L Holes	M Holes
26	23	23DOWN26	7.13	0.38	6.38	2.88	0.69	1.07	5.00	3.38	4.69	0.93	0.63	7/16 DRILL THRU	3/8-16 TAP THRU
30	26	26DOWN30	7.88	0.44	7.00	3.38	0.49	0.75	6.38	4.00	5.75	1.31	0.63	7/16 DRILL THRU	716-14 TAP THRU
35	30	30DOWN35	8.38	0.44	7.50	4.00	0.62	0.69	7.00	4.00	5.82	1.38	1.00	1/2 DRILL THRU	716-14 TAP THRU

Master XL right-angle conversion base

Tigear-2 conversion base kits allow customers who currently use single reduction Master XL right-angle reducers to convert to Tigear-2. The conversion base kits will be supplied with hardware to attach the conversion base to the Tigear-2 unit. Please note some dimensional differences exist between the Master XL reducers and Tigear-2 reducers with conversion base.



Tigear-2 size	Converted XL size	Kit number	A	B	C	D	E	F	G	H	I	J	K	Master XL base to centerline of output shaft
15	12	W12TO15BASE	1.50	2.250	5.86	2.12	4.25	4.00	2.00	4.31	0.750	2.23	4.00	2.23
17	16	W16TO17BASE	1.75	2.480	6.34	3.00	6.00	4.50	2.25	4.31	0.875	1.74	4.56	2.48
23	21	W21TO23BASE	2.31	3.365	8.25	3.50	7.00	7.00	3.50	5.14	1.125	2.18	6.00	3.37
35	28	W28TO35BASE	3.50	4.855	11.44	3.99	8.00	8.00	4.00	7.06	1.500	3.51	7.81	*3.985

* Denotes dimensional difference between XL right angle and Tigear-2 unit with conversion base

Standard lubricant

Lubrication

Tigear-2 is factory-filled with a synthetic lubricant which eliminates costly preparation time normally required to put a reducer into service. The lubricant supplied is a high performance, H1 food-grade lubricant, suitable for all mounting positions. When reducer selections are properly service factored to account for the thermal limitations of the reducer, the standard lubricant covers an operating ambient temperature range of 0 °F to 120 °F. No other lubricant available on the market provides the outstanding wear protection and thermal abilities of the factory-filled lubricant. Other lubricants, including Mobile SHC series lubricant, must not be mixed with the factory supplied lubricant. Contact Dodge Application Engineering for temperatures above 120 °F.

Low temperature lubricant

For applications requiring cold starts in ambient temperatures from -20 °F to 0 °F, low temperature lubricant is recommended. Low temperature lubricant must be specified at the time of reducer order, and see special options for additional information on ordering low temperature lubricant. The low temperature lubricant has all of the high performance features of the standard temperature lubricant, but has been modified for lower temperatures. Contact Dodge Application Engineering for temperatures below -20 °F.

Approximate oil volumes

Reducer configuration	Reducer size											
	13	15	17	20/21B	23	26	30	32	35	38	40	47
Solid output shaft												
Quill (QS), three-piece coupled (AS), Separate (SS) input	6.1 oz.	7.2 oz.	12 oz.	15.2 oz.	23 oz.	32 oz.	48 oz.	48 oz.	66 oz.	66 oz.	97 oz.	176 oz.
Hollow output shaft												
Quill (QS), three-piece coupled (AS), Separate (SS) input	5.6 oz.	6.9 oz.	10.2 oz.	14.1 oz.	21 oz.	28 oz.	44 oz.	44 oz.	60 oz.	60 oz.	89 oz.	164 oz.

Replacement factory recommended gear lubricant may be ordered from Dodge.
Use the following table to determine part number.

Standard temperature range		
Klubersynth UH1 6-460		
Volume	Quart	Gallon
	32 oz.	128 oz.
Part number	334863	334862

Low temperature range		
Klubersynth UH1 6-150		
Volume	Quart	Gallon
	32 oz.	128 oz.
Part number	334861	334860

Output shaft reversal kits

Tigear-2 reducers are stocked in left-hand and right-hand output shaft configurations. However, it is possible to convert a left-hand unit to a right-hand unit, or a right-hand unit to a left-hand unit in the field. A shaft reversal kit is required to make this change. Each kit includes a shaft seal, bore plug, O-ring, and instructions.

Reducer size	Kit part number
13	13SHAFTREV
15	15SHAFTREV
17	17SHAFTREV
20 and 21B	20SHAFTREV
23	23SHAFTREV
26	26SHAFTREV
30	30SHAFTREV
32	32SHAFTREV
35	35SHAFTREV
38	38SHAFTREV
40	40SHAFTREV
47	47SHAFTREV

Notes

Competitor interchange

209 Boston Gear reducer interchange to Tigear-2
220 Grove Gear reducer interchange to Tigear-2

PT Place

PT Wizard

This section only applies to standard, solid output shaft configurations. Additional interchanges may be found on PT Place or PT Wizard™ For non-standard or other interchanges, please contact your Dodge Sales Engineer for assistance.

Disclaimer: The following manufacturers share similar critical mounting dimensions. However, discrepancies between dimensions could lead to interference issues on equipment. Please verify all dimensions important to your application before placing order.

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Competitor interchange

Boston Gear quill input and coupled input

1.33-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	713	B	5	B5	G	13Q05L56
F	713	B	5	B5	J	13Q05R56
F	713	B	5	B5	H	13Q05LR56
F	713	B	10	B5	G	13Q10L56
F	713	B	10	B5	J	13Q10R56
F	713	B	10	B5	H	13Q10LR56
F	713	B	15	B5	G	13Q15L56
F	713	B	15	B5	J	13Q15R56
F	713	B	15	B5	H	13Q15LR56
F	713	B	20	B5	G	13Q20L56
F	713	B	20	B5	J	13Q20R56
F	713	B	20	B5	H	13Q20LR56
F	713	B	25	B5	G	13Q25L56
F	713	B	25	B5	J	13Q25R56
F	713	B	25	B5	H	13Q25LR56
F	713	B	30	B5	G	13Q30L56
F	713	B	30	B5	J	13Q30R56
F	713	B	30	B5	H	13Q30LR56
F	713	B	40	B5	G	13Q40L56
F	713	B	40	B5	J	13Q40R56
F	713	B	40	B5	H	13Q40LR56
F	713	B	50	B5	G	13Q50L56
F	713	B	50	B5	J	13Q50R56
F	713	B	50	B5	H	13Q50LR56
F	713	B	60	B5	G	13Q60L56
F	713	B	60	B5	J	13Q60R56
F	713	B	60	B5	H	13Q60LR56

Note: If Boston Gear nomenclature includes “B”, add 13BASE.

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	713	B	5	B5	G	13A05L56
RF	713	B	5	B5	J	13A05R56
RF	713	B	5	B5	H	13A05LR56
RF	713	B	10	B5	G	13A10L56
RF	713	B	10	B5	J	13A10R56
RF	713	B	10	B5	H	13A10LR56
RF	713	B	15	B5	G	13A15L56
RF	713	B	15	B5	J	13A15R56
RF	713	B	15	B5	H	13A15LR56
RF	713	B	20	B5	G	13A20L56
RF	713	B	20	B5	J	13A20R56
RF	713	B	20	B5	H	13A20LR56
RF	713	B	25	B5	G	13A25L56
RF	713	B	25	B5	J	13A25R56
RF	713	B	25	B5	H	13A25LR56
RF	713	B	30	B5	G	13A30L56
RF	713	B	30	B5	J	13A30R56
RF	713	B	30	B5	H	13A30LR56
RF	713	B	40	B5	G	13A40L56
RF	713	B	40	B5	J	13A40R56
RF	713	B	40	B5	H	13A40LR56
RF	713	B	50	B5	G	13A50L56
RF	713	B	50	B5	J	13A50R56
RF	713	B	50	B5	H	13A50LR56
RF	713	B	60	B5	G	13A60L56
RF	713	B	60	B5	J	13A60R56
RF	713	B	60	B5	H	13A60LR56

Boston Gear quill input and coupled input

1.54-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	715	B	5	B5	G	15Q05L56
F	715	B	5	B5	J	15Q05R56
F	715	B	5	B5	H	15Q05LR56
F	715	B	7.5	B5	G	15Q07L56
F	715	B	7.5	B5	J	15Q07R56
F	715	B	7.5	B5	H	15Q07LR56
F	715	B	10	B5	G	15Q10L56
F	715	B	10	B5	J	15Q10R56
F	715	B	10	B5	H	15Q10LR56
F	715	B	15	B5	G	15Q15L56
F	715	B	15	B5	J	15Q15R56
F	715	B	15	B5	H	15Q15LR56
F	715	B	20	B5	G	15Q20L56
F	715	B	20	B5	J	15Q20R56
F	715	B	20	B5	H	15Q20LR56
F	715	B	25	B5	G	15Q25L56
F	715	B	25	B5	J	15Q25R56
F	715	B	25	B5	H	15Q25LR56
F	715	B	30	B5	G	15Q30L56
F	715	B	30	B5	J	15Q30R56
F	715	B	30	B5	H	15Q30LR56
F	715	B	40	B5	G	15Q40L56
F	715	B	40	B5	J	15Q40R56
F	715	B	40	B5	H	15Q40LR56
F	715	B	50	B5	G	15Q50L56
F	715	B	50	B5	J	15Q50R56
F	715	B	50	B5	H	15Q50LR56
F	715	B	60	B5	G	15Q60L56
F	715	B	60	B5	J	15Q60R56
F	715	B	60	B5	H	15Q60LR56

Note: If Boston Gear nomenclature includes “B”, add 15BASE.

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	715	B	5	B5	G	15A05L56
RF	715	B	5	B5	J	15A05R56
RF	715	B	5	B5	H	15A05LR56
RF	715	B	7.5	B5	G	15A07L56
RF	715	B	7.5	B5	J	15A07R56
RF	715	B	7.5	B5	H	15A07LR56
RF	715	B	10	B5	G	15A10L56
RF	715	B	10	B5	J	15A10R56
RF	715	B	10	B5	H	15A10LR56
RF	715	B	15	B5	G	15A15L56
RF	715	B	15	B5	J	15A15R56
RF	715	B	15	B5	H	15A15LR56
RF	715	B	20	B5	G	15A20L56
RF	715	B	20	B5	J	15A20R56
RF	715	B	20	B5	H	15A20LR56
RF	715	B	25	B5	G	15A25L56
RF	715	B	25	B5	J	15A25R56
RF	715	B	25	B5	H	15A25LR56
RF	715	B	30	B5	G	15A30L56
RF	715	B	30	B5	J	15A30R56
RF	715	B	30	B5	H	15A30LR56
RF	715	B	40	B5	G	15A40L56
RF	715	B	40	B5	J	15A40R56
RF	715	B	40	B5	H	15A40LR56
RF	715	B	50	B5	G	15A50L56
RF	715	B	50	B5	J	15A50R56
RF	715	B	50	B5	H	15A50LR56
RF	715	B	60	B5	G	15A60L56
RF	715	B	60	B5	J	15A60R56
RF	715	B	60	B5	H	15A60LR56

Boston Gear quill input and coupled input

1.75-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	718	B	5	B5	G	17Q05L56
F	718	B	5	B5	J	17Q05R56
F	718	B	5	B5	H	17Q05LR56
F	718	B	10	B5	G	17Q10L56
F	718	B	10	B5	J	17Q10R56
F	718	B	10	B5	H	17Q10LR56
F	718	B	15	B5	G	17Q15L56
F	718	B	15	B5	J	17Q15R56
F	718	B	15	B5	H	17Q15LR56
F	718	B	20	B5	G	17Q20L56
F	718	B	20	B5	J	17Q20R56
F	718	B	20	B5	H	17Q20LR56
F	718	B	25	B5	G	17Q25L56
F	718	B	25	B5	J	17Q25R56
F	718	B	25	B5	H	17Q25LR56
F	718	B	30	B5	G	17Q30L56
F	718	B	30	B5	J	17Q30R56
F	718	B	30	B5	H	17Q30LR56
F	718	B	40	B5	G	17Q40L56
F	718	B	40	B5	J	17Q40R56
F	718	B	40	B5	H	17Q40LR56
F	718	B	50	B5	G	17Q50L56
F	718	B	50	B5	J	17Q50R56
F	718	B	50	B5	H	17Q50LR56
F	718	B	60	B5	G	17Q60L56
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F	718	B	60	B5	H	17Q60LR56
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F	718	B	5	B7	J	17Q05R14
F	718	B	5	B7	H	17Q05LR14
F	718	B	10	B7	G	17Q10L14
F	718	B	10	B7	J	17Q10R14
F	718	B	10	B7	H	17Q10LR14
F	718	B	15	B7	G	17Q15L14
F	718	B	15	B7	J	17Q15R14
F	718	B	15	B7	H	17Q15LR14

Note: If Boston Gear nomenclature includes “B”, add 17BASE.

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	718	B	5	B5	G	17A05L56
RF	718	B	5	B5	J	17A05R56
RF	718	B	5	B5	H	17A05LR56
RF	718	B	10	B5	G	17A10L56
RF	718	B	10	B5	J	17A10R56
RF	718	B	10	B5	H	17A10LR56
RF	718	B	15	B5	G	17A15L56
RF	718	B	15	B5	J	17A15R56
RF	718	B	15	B5	H	17A15LR56
RF	718	B	20	B5	G	17A20L56
RF	718	B	20	B5	J	17A20R56
RF	718	B	20	B5	H	17A20LR56
RF	718	B	25	B5	G	17A25L56
RF	718	B	25	B5	J	17A25R56
RF	718	B	25	B5	H	17A25LR56
RF	718	B	30	B5	G	17A30L56
RF	718	B	30	B5	J	17A30R56
RF	718	B	30	B5	H	17A30LR56
RF	718	B	40	B5	G	17A40L56
RF	718	B	40	B5	J	17A40R56
RF	718	B	40	B5	H	17A40LR56
RF	718	B	50	B5	G	17A50L56
RF	718	B	50	B5	J	17A50R56
RF	718	B	50	B5	H	17A50LR56
RF	718	B	60	B5	G	17A60L56
RF	718	B	60	B5	J	17A60R56
RF	718	B	60	B5	H	17A60LR56
RF	718	B	5	B7	G	17A05L14
RF	718	B	5	B7	J	17A05R14
RF	718	B	5	B7	H	17A05LR14
RF	718	B	10	B7	G	17A10L14
RF	718	B	10	B7	J	17A10R14
RF	718	B	10	B7	H	17A10LR14
RF	718	B	15	B7	G	17A15L14
RF	718	B	15	B7	J	17A15R14
RF	718	B	15	B7	H	17A15LR14

Boston Gear quill input

2.06-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	721	B	5	B5	G	20Q05L56
F	721	B	5	B5	J	20Q05R56
F	721	B	5	B5	H	20Q05LR56
F	721	B	7.5	B5	G	20Q07L56
F	721	B	7.5	B5	J	20Q07R56
F	721	B	7.5	B5	H	20Q07LR56
F	721	B	10	B5	G	20Q10L56
F	721	B	10	B5	J	20Q10R56
F	721	B	10	B5	H	20Q10LR56
F	721	B	12.67	B5	G	20Q12L56
F	721	B	12.67	B5	J	20Q12R56
F	721	B	12.67	B5	H	20Q12LR56
F	721	B	15	B5	G	20Q15L56
F	721	B	15	B5	J	20Q15R56
F	721	B	15	B5	H	20Q15LR56
F	721	B	18	B5	G	20Q18L56
F	721	B	18	B5	J	20Q18R56
F	721	B	18	B5	H	20Q18LR56
F	721	B	20	B5	G	20Q20L56
F	721	B	20	B5	J	20Q20R56
F	721	B	20	B5	H	20Q20LR56
F	721	B	25	B5	G	20Q25L56
F	721	B	25	B5	J	20Q25R56
F	721	B	25	B5	H	20Q25LR56
F	721	B	30	B5	G	20Q30L56
F	721	B	30	B5	J	20Q30R56
F	721	B	30	B5	H	20Q30LR56
F	721	B	40	B5	G	20Q40L56
F	721	B	40	B5	J	20Q40R56
F	721	B	40	B5	H	20Q40LR56

Note: If Boston Gear nomenclature includes “B”, add 20BASE.

Boston Gear nomenclature						Tigear-2 equivalent
F	721	B	50	B5	G	20Q50L56
F	721	B	50	B5	J	20Q50R56
F	721	B	50	B5	H	20Q50LR56
F	721	B	60	B5	G	20Q60L56
F	721	B	60	B5	J	20Q60R56
F	721	B	60	B5	H	20Q60LR56
F	721	B	5	B7	G	20Q05L14
F	721	B	5	B7	J	20Q05R14
F	721	B	5	B7	H	20Q05LR14
F	721	B	7.5	B7	G	20Q07L14
F	721	B	7.5	B7	J	20Q07R14
F	721	B	7.5	B7	H	20Q07LR14
F	721	B	10	B7	G	20Q10L14
F	721	B	10	B7	J	20Q10R14
F	721	B	10	B7	H	20Q10LR14
F	721	B	12.67	B7	G	20Q12L14
F	721	B	12.67	B7	J	20Q12R14
F	721	B	12.67	B7	H	20Q12LR14
F	721	B	15	B7	G	20Q15L14
F	721	B	15	B7	J	20Q15R14
F	721	B	15	B7	H	20Q15LR14
F	721	B	18	B7	G	20Q18L14
F	721	B	18	B7	J	20Q18R14
F	721	B	18	B7	H	20Q18LR14
F	721	B	20	B7	G	20Q20L14
F	721	B	20	B7	J	20Q20R14
F	721	B	20	B7	H	20Q20LR14
F	721	B	25	B7	G	20Q25L14
F	721	B	25	B7	J	20Q25R14
F	721	B	25	B7	H	20Q25LR14

Boston Gear coupled input

2.06-inch center distance

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	721	B	5	B5	G	20A05L56
RF	721	B	5	B5	J	20A05R56
RF	721	B	5	B5	H	20A05LR56
RF	721	B	7.5	B5	G	20A07L56
RF	721	B	7.5	B5	J	20A07R56
RF	721	B	7.5	B5	H	20A07LR56
RF	721	B	10	B5	G	20A10L56
RF	721	B	10	B5	J	20A10R56
RF	721	B	10	B5	H	20A10LR56
RF	721	B	12.67	B5	G	20A12L56
RF	721	B	12.67	B5	J	20A12R56
RF	721	B	12.67	B5	H	20A12LR56
RF	721	B	15	B5	G	20A15L56
RF	721	B	15	B5	J	20A15R56
RF	721	B	15	B5	H	20A15LR56
RF	721	B	18	B5	G	20A18L56
RF	721	B	18	B5	J	20A18R56
RF	721	B	18	B5	H	20A18LR56
RF	721	B	20	B5	G	20A20L56
RF	721	B	20	B5	J	20A20R56
RF	721	B	20	B5	H	20A20LR56
RF	721	B	25	B5	G	20A25L56
RF	721	B	25	B5	J	20A25R56
RF	721	B	25	B5	H	20A25LR56
RF	721	B	30	B5	G	20A30L56
RF	721	B	30	B5	J	20A30R56
RF	721	B	30	B5	H	20A30LR56
RF	721	B	40	B5	G	20A40L56
RF	721	B	40	B5	J	20A40R56
RF	721	B	40	B5	H	20A40LR56

Boston Gear nomenclature						Tigear-2 equivalent
RF	721	B	50	B5	G	20A50L56
RF	721	B	50	B5	J	20A50R56
RF	721	B	50	B5	H	20A50LR56
RF	721	B	60	B5	G	20A60L56
RF	721	B	60	B5	J	20A60R56
RF	721	B	60	B5	H	20A60LR56
RF	721	B	5	B7	G	20A05L14
RF	721	B	5	B7	J	20A05R14
RF	721	B	5	B7	H	20A05LR14
RF	721	B	7.5	B7	G	20A07L14
RF	721	B	7.5	B7	J	20A07R14
RF	721	B	7.5	B7	H	20A07LR14
RF	721	B	10	B7	G	20A10L14
RF	721	B	10	B7	J	20A10R14
RF	721	B	10	B7	H	20A10LR14
RF	721	B	12.67	B7	G	20A12L14
RF	721	B	12.67	B7	J	20A12R14
RF	721	B	12.67	B7	H	20A12LR14
RF	721	B	15	B7	G	20A15L14
RF	721	B	15	B7	J	20A15R14
RF	721	B	15	B7	H	20A15LR14
RF	721	B	18	B7	G	20A18L14
RF	721	B	18	B7	J	20A18R14
RF	721	B	18	B7	H	20A18LR14
RF	721	B	20	B7	G	20A20L14
RF	721	B	20	B7	J	20A20R14
RF	721	B	20	B7	H	20A20LR14
RF	721	B	25	B7	G	20A25L14
RF	721	B	25	B7	J	20A25R14
RF	721	B	25	B7	H	20A25LR14

Note: If Boston Gear nomenclature includes “B”, add 20BASE.

Boston Gear quill input and coupled input

2.38-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	724	B	5	B5	G	23Q05L56
F	724	B	5	B5	J	23Q05R56
F	724	B	5	B5	H	23Q05LR56
F	724	B	10	B5	G	23Q10L56
F	724	B	10	B5	J	23Q10R56
F	724	B	10	B5	H	23Q10LR56
F	724	B	15	B5	G	23Q15L56
F	724	B	15	B5	J	23Q15R56
F	724	B	15	B5	H	23Q15LR56
F	724	B	20	B5	G	23Q20L56
F	724	B	20	B5	J	23Q20R56
F	724	B	20	B5	H	23Q20LR56
F	724	B	25	B5	G	23Q25L56
F	724	B	25	B5	J	23Q25R56
F	724	B	25	B5	H	23Q25LR56
F	724	B	30	B5	G	23Q30L56
F	724	B	30	B5	J	23Q30R56
F	724	B	30	B5	H	23Q30LR56
F	724	B	40	B5	G	23Q40L56
F	724	B	40	B5	J	23Q40R56
F	724	B	40	B5	H	23Q40LR56
F	724	B	50	B5	G	23Q50L56
F	724	B	50	B5	J	23Q50R56
F	724	B	50	B5	H	23Q50LR56
F	724	B	60	B5	G	23Q60L56
F	724	B	60	B5	J	23Q60R56
F	724	B	60	B5	H	23Q60LR56
F	724	B	5	B7	G	23Q05L14
F	724	B	5	B7	J	23Q05R14
F	724	B	5	B7	H	23Q05LR14
F	724	B	10	B7	G	23Q10L14
F	724	B	10	B7	J	23Q10R14
F	724	B	10	B7	H	23Q10LR14
F	724	B	15	B7	G	23Q15L14
F	724	B	15	B7	J	23Q15R14
F	724	B	15	B7	H	23Q15LR14
F	724	B	20	B7	G	23Q20L14
F	724	B	20	B7	J	23Q20R14
F	724	B	20	B7	H	23Q20LR14
F	724	B	25	B7	G	23Q25L14
F	724	B	25	B7	J	23Q25R14
F	724	B	25	B7	H	23Q25LR14

Note: If Boston Gear nomenclature includes “B”, add 23BASE.

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	724	B	5	B5	G	23A05L56
RF	724	B	5	B5	J	23A05R56
RF	724	B	5	B5	H	23A05LR56
RF	724	B	10	B5	G	23A10L56
RF	724	B	10	B5	J	23A10R56
RF	724	B	10	B5	H	23A10LR56
RF	724	B	15	B5	G	23A15L56
RF	724	B	15	B5	J	23A15R56
RF	724	B	15	B5	H	23A15LR56
RF	724	B	20	B5	G	23A20L56
RF	724	B	20	B5	J	23A20R56
RF	724	B	20	B5	H	23A20LR56
RF	724	B	25	B5	G	23A25L56
RF	724	B	25	B5	J	23A25R56
RF	724	B	25	B5	H	23A25LR56
RF	724	B	30	B5	G	23A30L56
RF	724	B	30	B5	J	23A30R56
RF	724	B	30	B5	H	23A30LR56
RF	724	B	40	B5	G	23A40L56
RF	724	B	40	B5	J	23A40R56
RF	724	B	40	B5	H	23A40LR56
RF	724	B	50	B5	G	23A50L56
RF	724	B	50	B5	J	23A50R56
RF	724	B	50	B5	H	23A50LR56
RF	724	B	60	B5	G	23A60L56
RF	724	B	60	B5	J	23A60R56
RF	724	B	60	B5	H	23A60LR56
RF	724	B	5	B7	G	23A05L14
RF	724	B	5	B7	J	23A05R14
RF	724	B	5	B7	H	23A05LR14
RF	724	B	10	B7	G	23A10L14
RF	724	B	10	B7	J	23A10R14
RF	724	B	10	B7	H	23A10LR14
RF	724	B	15	B7	G	23A15L14
RF	724	B	15	B7	J	23A15R14
RF	724	B	15	B7	H	23A15LR14
RF	724	B	20	B7	G	23A20L14
RF	724	B	20	B7	J	23A20R14
RF	724	B	20	B7	H	23A20LR14
RF	724	B	25	B7	G	23A25L14
RF	724	B	25	B7	J	23A25R14
RF	724	B	25	B7	H	23A25LR14

Boston Gear quill input

2.62-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	726	B	10	B5	G	26Q10L56
F	726	B	10	B5	J	26Q10R56
F	726	B	10	B5	H	26Q10LR56
F	726	B	15	B5	G	26Q15L56
F	726	B	15	B5	J	26Q15R56
F	726	B	15	B5	H	26Q15LR56
F	726	B	20	B5	G	26Q20L56
F	726	B	20	B5	J	26Q20R56
F	726	B	20	B5	H	26Q20LR56
F	726	B	25	B5	G	26Q25L56
F	726	B	25	B5	J	26Q25R56
F	726	B	25	B5	H	26Q25LR56
F	726	B	30	B5	G	26Q30L56
F	726	B	30	B5	J	26Q30R56
F	726	B	30	B5	H	26Q30LR56
F	726	B	40	B5	G	26Q40L56
F	726	B	40	B5	J	26Q40R56
F	726	B	40	B5	H	26Q40LR56
F	726	B	50	B5	G	26Q50L56
F	726	B	50	B5	J	26Q50R56
F	726	B	50	B5	H	26Q50LR56
F	726	B	60	B5	G	26Q60L56
F	726	B	60	B5	J	26Q60R56
F	726	B	60	B5	H	26Q60LR56
F	726	B	5	B7	G	26Q05L14
F	726	B	5	B7	J	26Q05R14
F	726	B	5	B7	H	26Q05LR14
F	726	B	7.5	B7	G	26Q07L14
F	726	B	7.5	B7	J	26Q07R14
F	726	B	7.5	B7	H	26Q07LR14

Note: If Boston Gear nomenclature includes “B”, add 26BASE.

Boston Gear nomenclature						Tigear-2 equivalent
F	726	B	10	B7	G	26Q10L14
F	726	B	10	B7	J	26Q10R14
F	726	B	10	B7	H	26Q10LR14
F	726	B	15	B7	G	26Q15L14
F	726	B	15	B7	J	26Q15R14
F	726	B	15	B7	H	26Q15LR14
F	726	B	20	B7	G	26Q20L14
F	726	B	20	B7	J	26Q20R14
F	726	B	20	B7	H	26Q20LR14
F	726	B	25	B7	G	26Q25L14
F	726	B	25	B7	J	26Q25R14
F	726	B	25	B7	H	26Q25LR14
F	726	B	30	B7	G	26Q30L14
F	726	B	30	B7	J	26Q30R14
F	726	B	30	B7	H	26Q30LR14
F	726	B	40	B7	G	26Q40L14
F	726	B	40	B7	J	26Q40R14
F	726	B	40	B7	H	26Q40LR14
F	726	B	5	B9	G	26Q05L18
F	726	B	5	B9	J	26Q05R18
F	726	B	5	B9	H	26Q05LR18
F	726	B	7.5	B9	G	26Q07L18
F	726	B	7.5	B9	J	26Q07R18
F	726	B	7.5	B9	H	26Q07LR18
F	726	B	10	B9	G	26Q10L18
F	726	B	10	B9	J	26Q10R18
F	726	B	10	B9	H	26Q10LR18
F	726	B	80	B5	G	26Q80L56
F	726	B	80	B5	J	26Q80R56
F	726	B	80	B5	H	26Q80LR56
F	726	B	100	B5	G	26Q100L56
F	726	B	100	B5	J	26Q100R56
F	726	B	100	B5	H	26Q100LR56

Boston Gear coupled input

2.62-inch center distance

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	726	B	10	B5	G	26A10L56
RF	726	B	10	B5	J	26A10R56
RF	726	B	10	B5	H	26A10LR56
RF	726	B	15	B5	G	26A15L56
RF	726	B	15	B5	J	26A15R56
RF	726	B	15	B5	H	26A15LR56
RF	726	B	20	B5	G	26A20L56
RF	726	B	20	B5	J	26A20R56
RF	726	B	20	B5	H	26A20LR56
RF	726	B	25	B5	G	26A25L56
RF	726	B	25	B5	J	26A25R56
RF	726	B	25	B5	H	26A25LR56
RF	726	B	30	B5	G	26A30L56
RF	726	B	30	B5	J	26A30R56
RF	726	B	30	B5	H	26A30LR56
RF	726	B	40	B5	G	26A40L56
RF	726	B	40	B5	J	26A40R56
RF	726	B	40	B5	H	26A40LR56
RF	726	B	50	B5	G	26A50L56
RF	726	B	50	B5	J	26A50R56
RF	726	B	50	B5	H	26A50LR56
RF	726	B	60	B5	G	26A60L56
RF	726	B	60	B5	J	26A60R56
RF	726	B	60	B5	H	26A60LR56
RF	726	B	5	B7	G	26A05L14
RF	726	B	5	B7	J	26A05R14
RF	726	B	5	B7	H	26A05LR14
RF	726	B	7.5	B7	G	26A07L14
RF	726	B	7.5	B7	J	26A07R14
RF	726	B	7.5	B7	H	26A07LR14

Note: If Boston Gear nomenclature includes “B”, add 26BASE.

Boston Gear nomenclature						Tigear-2 equivalent
RF	726	B	10	B7	G	26A10L14
RF	726	B	10	B7	J	26A10R14
RF	726	B	10	B7	H	26A10LR14
RF	726	B	15	B7	G	26A15L14
RF	726	B	15	B7	J	26A15R14
RF	726	B	15	B7	H	26A15LR14
RF	726	B	20	B7	G	26A20L14
RF	726	B	20	B7	J	26A20R14
RF	726	B	20	B7	H	26A20LR14
RF	726	B	25	B7	G	26A25L14
RF	726	B	25	B7	J	26A25R14
RF	726	B	25	B7	H	26A25LR14
RF	726	B	30	B7	G	26A30L14
RF	726	B	30	B7	J	26A30R14
RF	726	B	30	B7	H	26A30LR14
RF	726	B	40	B7	G	26A40L14
RF	726	B	40	B7	J	26A40R14
RF	726	B	40	B7	H	26A40LR14
RF	726	B	5	B9	G	26A05L18
RF	726	B	5	B9	J	26A05R18
RF	726	B	5	B9	H	26A05LR18
RF	726	B	7.5	B9	G	26A07L18
RF	726	B	7.5	B9	J	26A07R18
RF	726	B	7.5	B9	H	26A07LR18
RF	726	B	10	B9	G	26A10L18
RF	726	B	10	B9	J	26A10R18
RF	726	B	10	B9	H	26A10LR18
RF	726	B	80	B5	G	26A80L56
RF	726	B	80	B5	J	26A80R56
RF	726	B	80	B5	H	26A80LR56
RF	726	B	100	B5	G	26A100L56
RF	726	B	100	B5	J	26A100R56
RF	726	B	100	B5	H	26A100LR56

Boston Gear quill input

3.25-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	732	B	10	B5	G	32Q10L56
F	732	B	10	B5	J	32Q10R56
F	732	B	10	B5	H	32Q10LR56
F	732	B	15	B5	G	32Q15L56
F	732	B	15	B5	J	32Q15R56
F	732	B	15	B5	H	32Q15LR56
F	732	B	20	B5	G	32Q20L56
F	732	B	20	B5	J	32Q20R56
F	732	B	20	B5	H	32Q20LR56
F	732	B	25	B5	G	32Q25L56
F	732	B	25	B5	J	32Q25R56
F	732	B	25	B5	H	32Q25LR56
F	732	B	30	B5	G	32Q30L56
F	732	B	30	B5	J	32Q30R56
F	732	B	30	B5	H	32Q30LR56
F	732	B	40	B5	G	32Q40L56
F	732	B	40	B5	J	32Q40R56
F	732	B	40	B5	H	32Q40LR56
F	732	B	50	B5	G	32Q50L56
F	732	B	50	B5	J	32Q50R56
F	732	B	50	B5	H	32Q50LR56
F	732	B	60	B5	G	32Q60L56
F	732	B	60	B5	J	32Q60R56
F	732	B	60	B5	H	32Q60LR56
F	732	B	5	B7	G	32Q05L14
F	732	B	5	B7	J	32Q05R14
F	732	B	5	B7	H	32Q05LR14
F	732	B	10	B7	G	32Q10L14
F	732	B	10	B7	J	32Q10R14
F	732	B	10	B7	H	32Q10LR14
F	732	B	15	B7	G	32Q15L14
F	732	B	15	B7	J	32Q15R14
F	732	B	15	B7	H	32Q15LR14

Boston Gear nomenclature						Tigear-2 equivalent
F	732	B	20	B7	G	32Q20L14
F	732	B	20	B7	J	32Q20R14
F	732	B	20	B7	H	32Q20LR14
F	732	B	25	B7	G	32Q25L14
F	732	B	25	B7	J	32Q25R14
F	732	B	25	B7	H	32Q25LR14
F	732	B	30	B7	G	32Q30L14
F	732	B	30	B7	J	32Q30R14
F	732	B	30	B7	H	32Q30LR14
F	732	B	40	B7	G	32Q40L14
F	732	B	40	B7	J	32Q40R14
F	732	B	40	B7	H	32Q40LR14
F	732	B	50	B7	G	32Q50L14
F	732	B	50	B7	J	32Q50R14
F	732	B	50	B7	H	32Q50LR14
F	732	B	60	B7	G	32Q60L14
F	732	B	60	B7	J	32Q60R14
F	732	B	60	B7	H	32Q60LR14
F	732	B	5	B9	G	32Q05L18
F	732	B	5	B9	J	32Q05R18
F	732	B	5	B9	H	32Q05LR18
F	732	B	10	B9	G	32Q10L18
F	732	B	10	B9	J	32Q10R18
F	732	B	10	B9	H	32Q10LR18
F	732	B	15	B9	G	32Q15L18
F	732	B	15	B9	J	32Q15R18
F	732	B	15	B9	H	32Q15LR18
F	732	B	20	B9	G	32Q20L18
F	732	B	20	B9	J	32Q20R18
F	732	B	20	B9	H	32Q20LR18
F	732	B	25	B9	G	32Q25L18
F	732	B	25	B9	J	32Q25R18
F	732	B	25	B9	H	32Q25LR18

Note: If Boston Gear nomenclature includes “B”, add 32BASE.

Boston Gear coupled input

3.25-inch center distance

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	732	B	10	B5	G	32A10L56
RF	732	B	10	B5	J	32A10R56
RF	732	B	10	B5	H	32A10LR56
RF	732	B	15	B5	G	32A15L56
RF	732	B	15	B5	J	32A15R56
RF	732	B	15	B5	H	32A15LR56
RF	732	B	20	B5	G	32A20L56
RF	732	B	20	B5	J	32A20R56
RF	732	B	20	B5	H	32A20LR56
RF	732	B	25	B5	G	32A25L56
RF	732	B	25	B5	J	32A25R56
RF	732	B	25	B5	H	32A25LR56
RF	732	B	30	B5	G	32A30L56
RF	732	B	30	B5	J	32A30R56
RF	732	B	30	B5	H	32A30LR56
RF	732	B	40	B5	G	32A40L56
RF	732	B	40	B5	J	32A40R56
RF	732	B	40	B5	H	32A40LR56
RF	732	B	50	B5	G	32A50L56
RF	732	B	50	B5	J	32A50R56
RF	732	B	50	B5	H	32A50LR56
RF	732	B	60	B5	G	32A60L56
RF	732	B	60	B5	J	32A60R56
RF	732	B	60	B5	H	32A60LR56
RF	732	B	5	B7	G	32A05L14
RF	732	B	5	B7	J	32A05R14
RF	732	B	5	B7	H	32A05LR14
RF	732	B	10	B7	G	32A10L14
RF	732	B	10	B7	J	32A10R14
RF	732	B	10	B7	H	32A10LR14
RF	732	B	15	B7	G	32A15L14
RF	732	B	15	B7	J	32A15R14
RF	732	B	15	B7	H	32A15LR14

Boston Gear nomenclature						Tigear-2 equivalent
RF	732	B	20	B7	G	32A20L14
RF	732	B	20	B7	J	32A20R14
RF	732	B	20	B7	H	32A20LR14
RF	732	B	25	B7	G	32A25L14
RF	732	B	25	B7	J	32A25R14
RF	732	B	25	B7	H	32A25LR14
RF	732	B	30	B7	G	32A30L14
RF	732	B	30	B7	J	32A30R14
RF	732	B	30	B7	H	32A30LR14
RF	732	B	40	B7	G	32A40L14
RF	732	B	40	B7	J	32A40R14
RF	732	B	40	B7	H	32A40LR14
RF	732	B	50	B7	G	32A50L14
RF	732	B	50	B7	J	32A50R14
RF	732	B	50	B7	H	32A50LR14
RF	732	B	60	B7	G	32A60L14
RF	732	B	60	B7	J	32A60R14
RF	732	B	60	B7	H	32A60LR14
RF	732	B	5	B9	G	32A05L18
RF	732	B	5	B9	J	32A05R18
RF	732	B	5	B9	H	32A05LR18
RF	732	B	10	B9	G	32A10L18
RF	732	B	10	B9	J	32A10R18
RF	732	B	10	B9	H	32A10LR18
RF	732	B	15	B9	G	32A15L18
RF	732	B	15	B9	J	32A15R18
RF	732	B	15	B9	H	32A15LR18
RF	732	B	20	B9	G	32A20L18
RF	732	B	20	B9	J	32A20R18
RF	732	B	20	B9	H	32A20LR18
RF	732	B	25	B9	G	32A25L18
RF	732	B	25	B9	J	32A25R18
RF	732	B	25	B9	H	32A25LR18

Note: If Boston Gear nomenclature includes “B”, add 32BASE.

Boston Gear quill input and coupled input

3.75-inch center distance

Quill input

Boston Gear nomenclature						Tigear-2 equivalent
F	738	B	40	B7	G	38Q40L14
F	738	B	40	B7	J	38Q40R14
F	738	B	40	B7	H	38Q40LR14
F	738	B	50	B7	G	38Q50L14
F	738	B	50	B7	J	38Q50R14
F	738	B	50	B7	H	38Q50LR14
F	738	B	60	B7	G	38Q60L14
F	738	B	60	B7	J	38Q60R14
F	738	B	60	B7	H	38Q60LR14
F	738	B	15	B9	G	38Q15L18
F	738	B	15	B9	J	38Q15R18
F	738	B	15	B9	H	38Q15LR18
F	738	B	20	B9	G	38Q20L18
F	738	B	20	B9	J	38Q20R18
F	738	B	20	B9	H	38Q20LR18
F	738	B	25	B9	G	38Q25L18
F	738	B	25	B9	J	38Q25R18
F	738	B	25	B9	H	38Q25LR18
F	738	B	30	B9	G	38Q30L18
F	738	B	30	B9	J	38Q30R18
F	738	B	30	B9	H	38Q30LR18
F	738	B	40	B9	G	38Q38L18
F	738	B	40	B9	J	38Q38R18
F	738	B	40	B9	H	38Q38LR18
F	738	B	50	B9	G	38Q50L18
F	738	B	50	B9	J	38Q50R18
F	738	B	50	B9	H	38Q50LR18
F	738	B	60	B9	G	38Q60L18
F	738	B	60	B9	J	38Q60R18
F	738	B	60	B9	H	38Q60LR18
F	738	B	5	B11	G	38Q05L21
F	738	B	5	B11	J	38Q05R21
F	738	B	5	B11	H	38Q05LR21
F	738	B	10	B11	G	38Q10L21
F	738	B	10	B11	J	38Q10R21
F	738	B	10	B11	H	38Q10LR21
F	738	B	15	B11	G	38Q15L21
F	738	B	15	B11	J	38Q15R21
F	738	B	15	B11	H	38Q15LR21
F	738	B	20	B11	G	38Q20L21
F	738	B	20	B11	J	38Q20R21
F	738	B	20	B11	H	38Q20LR21

Note: If Boston Gear nomenclature includes “B”, add 38BASE.

Coupled input

Boston Gear nomenclature						Tigear-2 equivalent
RF	738	B	40	B7	G	38A40L14
RF	738	B	40	B7	J	38A40R14
RF	738	B	40	B7	H	38A40LR14
RF	738	B	50	B7	G	38A50L14
RF	738	B	50	B7	J	38A50R14
RF	738	B	50	B7	H	38A50LR14
RF	738	B	60	B7	G	38A60L14
RF	738	B	60	B7	J	38A60R14
RF	738	B	60	B7	H	38A60LR14
RF	738	B	15	B9	G	38A15L18
RF	738	B	15	B9	J	38A15R18
RF	738	B	15	B9	H	38A15LR18
RF	738	B	20	B9	G	38A20L18
RF	738	B	20	B9	J	38A20R18
RF	738	B	20	B9	H	38A20LR18
RF	738	B	25	B9	G	38A25L18
RF	738	B	25	B9	J	38A25R18
RF	738	B	25	B9	H	38A25LR18
RF	738	B	30	B9	G	38A30L18
RF	738	B	30	B9	J	38A30R18
RF	738	B	30	B9	H	38A30LR18
RF	738	B	40	B9	G	38A38L18
RF	738	B	40	B9	J	38A38R18
RF	738	B	40	B9	H	38A38LR18
RF	738	B	50	B9	G	38A50L18
RF	738	B	50	B9	J	38A50R18
RF	738	B	50	B9	H	38A50LR18
RF	738	B	60	B9	G	38A60L18
RF	738	B	60	B9	J	38A60R18
RF	738	B	60	B9	H	38A60LR18
RF	738	B	5	B11	G	38A05L21
RF	738	B	5	B11	J	38A05R21
RF	738	B	5	B11	H	38A05LR21
RF	738	B	10	B11	G	38A10L21
RF	738	B	10	B11	J	38A10R21
RF	738	B	10	B11	H	38A10LR21
RF	738	B	15	B11	G	38A15L21
RF	738	B	15	B11	J	38A15R21
RF	738	B	15	B11	H	38A15LR21
RF	738	B	20	B11	G	38A20L21
RF	738	B	20	B11	J	38A20R21
RF	738	B	20	B11	H	38A20LR21

Grove Gear quill input

1.33-inch center distance

Quill input (with base)
Add 13BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	813	5	D	56C	13Q05LR56
TMQ	813	5	L	56C	13Q05L56
TMQ	813	5	R	56C	13Q05R56
TMQ	813	10	D	56C	13Q10LR56
TMQ	813	10	L	56C	13Q10L56
TMQ	813	10	R	56C	13Q10R56
TMQ	813	15	D	56C	13Q15LR56
TMQ	813	15	L	56C	13Q15L56
TMQ	813	15	R	56C	13Q15R56
TMQ	813	20	D	56C	13Q20LR56
TMQ	813	20	L	56C	13Q20L56
TMQ	813	20	R	56C	13Q20R56
TMQ	813	25	D	56C	13Q25LR56
TMQ	813	25	L	56C	13Q25L56
TMQ	813	25	R	56C	13Q25R56
TMQ	813	30	D	56C	13Q30LR56
TMQ	813	30	L	56C	13Q30L56
TMQ	813	30	R	56C	13Q30R56
TMQ	813	40	D	56C	13Q40LR56
TMQ	813	40	L	56C	13Q40L56
TMQ	813	40	R	56C	13Q40R56
TMQ	813	50	D	56C	13Q50LR56
TMQ	813	50	L	56C	13Q50L56
TMQ	813	50	R	56C	13Q50R56
TMQ	813	60	D	56C	13Q60LR56
TMQ	813	60	L	56C	13Q60L56
TMQ	813	60	R	56C	13Q60R56

Quill input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	813	5	D	56C	13Q05LR56
BMQ	813	5	L	56C	13Q05L56
BMQ	813	5	R	56C	13Q05R56
BMQ	813	10	D	56C	13Q10LR56
BMQ	813	10	L	56C	13Q10L56
BMQ	813	10	R	56C	13Q10R56
BMQ	813	15	D	56C	13Q15LR56
BMQ	813	15	L	56C	13Q15L56
BMQ	813	15	R	56C	13Q15R56
BMQ	813	20	D	56C	13Q20LR56
BMQ	813	20	L	56C	13Q20L56
BMQ	813	20	R	56C	13Q20R56
BMQ	813	25	D	56C	13Q25LR56
BMQ	813	25	L	56C	13Q25L56
BMQ	813	25	R	56C	13Q25R56
BMQ	813	30	D	56C	13Q30LR56
BMQ	813	30	L	56C	13Q30L56
BMQ	813	30	R	56C	13Q30R56
BMQ	813	40	D	56C	13Q40LR56
BMQ	813	40	L	56C	13Q40L56
BMQ	813	40	R	56C	13Q40R56
BMQ	813	50	D	56C	13Q50LR56
BMQ	813	50	L	56C	13Q50L56
BMQ	813	50	R	56C	13Q50R56
BMQ	813	60	D	56C	13Q60LR56
BMQ	813	60	L	56C	13Q60L56
BMQ	813	60	R	56C	13Q60R56

Grove Gear coupled input

1.33-inch center distance

Coupled input (with base)
Add 13BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	813	5	D	56C	13A05LR56
TM	813	5	L	56C	13A05L56
TM	813	5	R	56C	13A05R56
TM	813	10	D	56C	13A10LR56
TM	813	10	L	56C	13A10L56
TM	813	10	R	56C	13A10R56
TM	813	15	D	56C	13A15LR56
TM	813	15	L	56C	13A15L56
TM	813	15	R	56C	13A15R56
TM	813	20	D	56C	13A20LR56
TM	813	20	L	56C	13A20L56
TM	813	20	R	56C	13A20R56
TM	813	25	D	56C	13A25LR56
TM	813	25	L	56C	13A25L56
TM	813	25	R	56C	13A25R56
TM	813	30	D	56C	13A30LR56
TM	813	30	L	56C	13A30L56
TM	813	30	R	56C	13A30R56
TM	813	40	D	56C	13A40LR56
TM	813	40	L	56C	13A40L56
TM	813	40	R	56C	13A40R56
TM	813	50	D	56C	13A50LR56
TM	813	50	L	56C	13A50L56
TM	813	50	R	56C	13A50R56
TM	813	60	D	56C	13A60LR56
TM	813	60	L	56C	13A60L56
TM	813	60	R	56C	13A60R56

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	813	5	D	56C	13A05LR56
BM	813	5	L	56C	13A05L56
BM	813	5	R	56C	13A05R56
BM	813	10	D	56C	13A10LR56
BM	813	10	L	56C	13A10L56
BM	813	10	R	56C	13A10R56
BM	813	15	D	56C	13A15LR56
BM	813	15	L	56C	13A15L56
BM	813	15	R	56C	13A15R56
BM	813	20	D	56C	13A20LR56
BM	813	20	L	56C	13A20L56
BM	813	20	R	56C	13A20R56
BM	813	25	D	56C	13A25LR56
BM	813	25	L	56C	13A25L56
BM	813	25	R	56C	13A25R56
BM	813	30	D	56C	13A30LR56
BM	813	30	L	56C	13A30L56
BM	813	30	R	56C	13A30R56
BM	813	40	D	56C	13A40LR56
BM	813	40	L	56C	13A40L56
BM	813	40	R	56C	13A40R56
BM	813	50	D	56C	13A50LR56
BM	813	50	L	56C	13A50L56
BM	813	50	R	56C	13A50R56
BM	813	60	D	56C	13A60LR56
BM	813	60	L	56C	13A60L56
BM	813	60	R	56C	13A60R56

Grove Gear quill input

1.50-inch center distance

Quill input (with base)
Add 15BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	815	5	D	56C	15Q05LR56
TMQ	815	5	L	56C	15Q05L56
TMQ	815	5	R	56C	15Q05R56
TMQ	815	10	D	56C	15Q10LR56
TMQ	815	10	L	56C	15Q10L56
TMQ	815	10	R	56C	15Q10R56
TMQ	815	15	D	56C	15Q15LR56
TMQ	815	15	L	56C	15Q15L56
TMQ	815	15	R	56C	15Q15R56
TMQ	815	20	D	56C	15Q20LR56
TMQ	815	20	L	56C	15Q20L56
TMQ	815	20	R	56C	15Q20R56
TMQ	815	25	D	56C	15Q25LR56
TMQ	815	25	L	56C	15Q25L56
TMQ	815	25	R	56C	15Q25R56
TMQ	815	30	D	56C	15Q30LR56
TMQ	815	30	L	56C	15Q30L56
TMQ	815	30	R	56C	15Q30R56
TMQ	815	40	D	56C	15Q40LR56
TMQ	815	40	L	56C	15Q40L56
TMQ	815	40	R	56C	15Q40R56
TMQ	815	50	D	56C	15Q50LR56
TMQ	815	50	L	56C	15Q50L56
TMQ	815	50	R	56C	15Q50R56
TMQ	815	60	D	56C	15Q60LR56
TMQ	815	60	L	56C	15Q60L56
TMQ	815	60	R	56C	15Q60R56

Quill input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	815	5	D	56C	15Q05LR56
BMQ	815	5	L	56C	15Q05L56
BMQ	815	5	R	56C	15Q05R56
BMQ	815	10	D	56C	15Q10LR56
BMQ	815	10	L	56C	15Q10L56
BMQ	815	10	R	56C	15Q10R56
BMQ	815	15	D	56C	15Q15LR56
BMQ	815	15	L	56C	15Q15L56
BMQ	815	15	R	56C	15Q15R56
BMQ	815	20	D	56C	15Q20LR56
BMQ	815	20	L	56C	15Q20L56
BMQ	815	20	R	56C	15Q20R56
BMQ	815	25	D	56C	15Q25LR56
BMQ	815	25	L	56C	15Q25L56
BMQ	815	25	R	56C	15Q25R56
BMQ	815	30	D	56C	15Q30LR56
BMQ	815	30	L	56C	15Q30L56
BMQ	815	30	R	56C	15Q30R56
BMQ	815	40	D	56C	15Q40LR56
BMQ	815	40	L	56C	15Q40L56
BMQ	815	40	R	56C	15Q40R56
BMQ	815	50	D	56C	15Q50LR56
BMQ	815	50	L	56C	15Q50L56
BMQ	815	50	R	56C	15Q50R56
BMQ	815	60	D	56C	15Q60LR56
BMQ	815	60	L	56C	15Q60L56
BMQ	815	60	R	56C	15Q60R56

Grove Gear coupled input

1.50-inch center distance

Coupled input (with base)
Add 15BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	815	5	D	56C	15A05LR56
TM	815	5	L	56C	15A05L56
TM	815	5	R	56C	15A05R56
TM	815	10	D	56C	15A10LR56
TM	815	10	L	56C	15A10L56
TM	815	10	R	56C	15A10R56
TM	815	15	D	56C	15A15LR56
TM	815	15	L	56C	15A15L56
TM	815	15	R	56C	15A15R56
TM	815	20	D	56C	15A20LR56
TM	815	20	L	56C	15A20L56
TM	815	20	R	56C	15A20R56
TM	815	25	D	56C	15A25LR56
TM	815	25	L	56C	15A25L56
TM	815	25	R	56C	15A25R56
TM	815	30	D	56C	15A30LR56
TM	815	30	L	56C	15A30L56
TM	815	30	R	56C	15A30R56
TM	815	40	D	56C	15A40LR56
TM	815	40	L	56C	15A40L56
TM	815	40	R	56C	15A40R56
TM	815	50	D	56C	15A50LR56
TM	815	50	L	56C	15A50L56
TM	815	50	R	56C	15A50R56
TM	815	60	D	56C	15A60LR56
TM	815	60	L	56C	15A60L56
TM	815	60	R	56C	15A60R56

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	815	5	D	56C	15A05LR56
BM	815	5	L	56C	15A05L56
BM	815	5	R	56C	15A05R56
BM	815	10	D	56C	15A10LR56
BM	815	10	L	56C	15A10L56
BM	815	10	R	56C	15A10R56
BM	815	15	D	56C	15A15LR56
BM	815	15	L	56C	15A15L56
BM	815	15	R	56C	15A15R56
BM	815	20	D	56C	15A20LR56
BM	815	20	L	56C	15A20L56
BM	815	20	R	56C	15A20R56
BM	815	25	D	56C	15A25LR56
BM	815	25	L	56C	15A25L56
BM	815	25	R	56C	15A25R56
BM	815	30	D	56C	15A30LR56
BM	815	30	L	56C	15A30L56
BM	815	30	R	56C	15A30R56
BM	815	40	D	56C	15A40LR56
BM	815	40	L	56C	15A40L56
BM	815	40	R	56C	15A40R56
BM	815	50	D	56C	15A50LR56
BM	815	50	L	56C	15A50L56
BM	815	50	R	56C	15A50R56
BM	815	60	D	56C	15A60LR56
BM	815	60	L	56C	15A60L56
BM	815	60	R	56C	15A60R56

Grove Gear quill input

1.75-inch center distance

Quill input (with base)
Add 17BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	818	5	D	56C	17Q05LR56
TMQ	818	5	L	56C	17Q05L56
TMQ	818	5	R	56C	17Q05R56
TMQ	818	10	D	56C	17Q10LR56
TMQ	818	10	L	56C	17Q10L56
TMQ	818	10	R	56C	17Q10R56
TMQ	818	15	D	56C	17Q15LR56
TMQ	818	15	L	56C	17Q15L56
TMQ	818	15	R	56C	17Q15R56
TMQ	818	20	D	56C	17Q20LR56
TMQ	818	20	L	56C	17Q20L56
TMQ	818	20	R	56C	17Q20R56
TMQ	818	25	D	56C	17Q25LR56
TMQ	818	25	L	56C	17Q25L56
TMQ	818	25	R	56C	17Q25R56
TMQ	818	30	D	56C	17Q30LR56
TMQ	818	30	L	56C	17Q30L56
TMQ	818	30	R	56C	17Q30R56
TMQ	818	40	D	56C	17Q40LR56
TMQ	818	40	L	56C	17Q40L56
TMQ	818	40	R	56C	17Q40R56
TMQ	818	50	D	56C	17Q50LR56
TMQ	818	50	L	56C	17Q50L56
TMQ	818	50	R	56C	17Q50R56
TMQ	818	60	D	56C	17Q60LR56
TMQ	818	60	L	56C	17Q60L56
TMQ	818	60	R	56C	17Q60R56
TMQ	818	5	D	140TC	17Q05LR14
TMQ	818	5	L	140TC	17Q05L14
TMQ	818	5	R	140TC	17Q05R14
TMQ	818	10	D	140TC	17Q10LR14
TMQ	818	10	L	140TC	17Q10L14
TMQ	818	10	R	140TC	17Q10R14
TMQ	818	15	D	140TC	17Q15LR14
TMQ	818	15	L	140TC	17Q15L14
TMQ	818	15	R	140TC	17Q15R14

Quill input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	818	5	D	56C	17Q05LR56
BMQ	818	5	L	56C	17Q05L56
BMQ	818	5	R	56C	17Q05R56
BMQ	818	10	D	56C	17Q10LR56
BMQ	818	10	L	56C	17Q10L56
BMQ	818	10	R	56C	17Q10R56
BMQ	818	15	D	56C	17Q15LR56
BMQ	818	15	L	56C	17Q15L56
BMQ	818	15	R	56C	17Q15R56
BMQ	818	20	D	56C	17Q20LR56
BMQ	818	20	L	56C	17Q20L56
BMQ	818	20	R	56C	17Q20R56
BMQ	818	25	D	56C	17Q25LR56
BMQ	818	25	L	56C	17Q25L56
BMQ	818	25	R	56C	17Q25R56
BMQ	818	30	D	56C	17Q30LR56
BMQ	818	30	L	56C	17Q30L56
BMQ	818	30	R	56C	17Q30R56
BMQ	818	40	D	56C	17Q40LR56
BMQ	818	40	L	56C	17Q40L56
BMQ	818	40	R	56C	17Q40R56
BMQ	818	50	D	56C	17Q50LR56
BMQ	818	50	L	56C	17Q50L56
BMQ	818	50	R	56C	17Q50R56
BMQ	818	60	D	56C	17Q60LR56
BMQ	818	60	L	56C	17Q60L56
BMQ	818	60	R	56C	17Q60R56
BMQ	818	5	D	140TC	17Q05LR14
BMQ	818	5	L	140TC	17Q05L14
BMQ	818	5	R	140TC	17Q05R14
BMQ	818	10	D	140TC	17Q10LR14
BMQ	818	10	L	140TC	17Q10L14
BMQ	818	10	R	140TC	17Q10R14
BMQ	818	15	D	140TC	17Q15LR14
BMQ	818	15	L	140TC	17Q15L14
BMQ	818	15	R	140TC	17Q15R14

Grove Gear coupled input

1.75-inch center distance

Coupled input (with base)
Add 17BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	818	5	D	56C	17A05LR56
TM	818	5	L	56C	17A05L56
TM	818	5	R	56C	17A05R56
TM	818	10	D	56C	17A10LR56
TM	818	10	L	56C	17A10L56
TM	818	10	R	56C	17A10R56
TM	818	15	D	56C	17A15LR56
TM	818	15	L	56C	17A15L56
TM	818	15	R	56C	17A15R56
TM	818	20	D	56C	17A20LR56
TM	818	20	L	56C	17A20L56
TM	818	20	R	56C	17A20R56
TM	818	25	D	56C	17A25LR56
TM	818	25	L	56C	17A25L56
TM	818	25	R	56C	17A25R56
TM	818	30	D	56C	17A30LR56
TM	818	30	L	56C	17A30L56
TM	818	30	R	56C	17A30R56
TM	818	40	D	56C	17A40LR56
TM	818	40	L	56C	17A40L56
TM	818	40	R	56C	17A40R56
TM	818	50	D	56C	17A50LR56
TM	818	50	L	56C	17A50L56
TM	818	50	R	56C	17A50R56
TM	818	60	D	56C	17A60LR56
TM	818	60	L	56C	17A60L56
TM	818	60	R	56C	17A60R56
TM	818	5	D	140TC	17A05LR14
TM	818	5	L	140TC	17A05L14
TM	818	5	R	140TC	17A05R14
TM	818	10	D	140TC	17A10LR14
TM	818	10	L	140TC	17A10L14
TM	818	10	R	140TC	17A10R14
TM	818	15	D	140TC	17A15LR14
TM	818	15	L	140TC	17A15L14
TM	818	15	R	140TC	17A15R14

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	818	5	D	56C	17A05LR56
BM	818	5	L	56C	17A05L56
BM	818	5	R	56C	17A05R56
BM	818	10	D	56C	17A10LR56
BM	818	10	L	56C	17A10L56
BM	818	10	R	56C	17A10R56
BM	818	15	D	56C	17A15LR56
BM	818	15	L	56C	17A15L56
BM	818	15	R	56C	17A15R56
BM	818	20	D	56C	17A20LR56
BM	818	20	L	56C	17A20L56
BM	818	20	R	56C	17A20R56
BM	818	25	D	56C	17A25LR56
BM	818	25	L	56C	17A25L56
BM	818	25	R	56C	17A25R56
BM	818	30	D	56C	17A30LR56
BM	818	30	L	56C	17A30L56
BM	818	30	R	56C	17A30R56
BM	818	40	D	56C	17A40LR56
BM	818	40	L	56C	17A40L56
BM	818	40	R	56C	17A40R56
BM	818	50	D	56C	17A50LR56
BM	818	50	L	56C	17A50L56
BM	818	50	R	56C	17A50R56
BM	818	60	D	56C	17A60LR56
BM	818	60	L	56C	17A60L56
BM	818	60	R	56C	17A60R56
BM	818	5	D	140TC	17A05LR14
BM	818	5	L	140TC	17A05L14
BM	818	5	R	140TC	17A05R14
BM	818	10	D	140TC	17A10LR14
BM	818	10	L	140TC	17A10L14
BM	818	10	R	140TC	17A10R14
BM	818	15	D	140TC	17A15LR14
BM	818	15	L	140TC	17A15L14
BM	818	15	R	140TC	17A15R14

Grove Gear quill input

2.00-inch center distance

Quill input (with base)
Add 20BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	821	5	D	56C	20Q05LR56
TMQ	821	5	L	56C	20Q05L56
TMQ	821	5	R	56C	20Q05R56
TMQ	821	10	D	56C	20Q10LR56
TMQ	821	10	L	56C	20Q10L56
TMQ	821	10	R	56C	20Q10R56
TMQ	821	15	D	56C	20Q15LR56
TMQ	821	15	L	56C	20Q15L56
TMQ	821	15	R	56C	20Q15R56
TMQ	821	20	D	56C	20Q20LR56
TMQ	821	20	L	56C	20Q20L56
TMQ	821	20	R	56C	20Q20R56
TMQ	821	25	D	56C	20Q25LR56
TMQ	821	25	L	56C	20Q25L56
TMQ	821	25	R	56C	20Q25R56
TMQ	821	30	D	56C	20Q30LR56
TMQ	821	30	L	56C	20Q30L56
TMQ	821	30	R	56C	20Q30R56
TMQ	821	40	D	56C	20Q40LR56
TMQ	821	40	L	56C	20Q40L56
TMQ	821	40	R	56C	20Q40R56
TMQ	821	50	D	56C	20Q50LR56
TMQ	821	50	L	56C	20Q50L56
TMQ	821	50	R	56C	20Q50R56
TMQ	821	60	D	56C	20Q60LR56
TMQ	821	60	L	56C	20Q60L56
TMQ	821	60	R	56C	20Q60R56
TMQ	821	10	D	140TC	20Q10LR14
TMQ	821	10	L	140TC	20Q10L14
TMQ	821	10	R	140TC	20Q10R14
TMQ	821	15	D	140TC	20Q15LR14
TMQ	821	15	L	140TC	20Q15L14
TMQ	821	15	R	140TC	20Q15R14
TMQ	821	20	D	140TC	20Q20LR14
TMQ	821	20	L	140TC	20Q20L14
TMQ	821	20	R	140TC	20Q20R14
TMQ	821	25	D	140TC	20Q25LR14
TMQ	821	25	L	140TC	20Q25L14
TMQ	821	25	R	140TC	20Q25R14

Quill input (without base) *** See note below**

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	821	5	D	56C	20Q05LR56
BMQ	821	5	L	56C	20Q05L56
BMQ	821	5	R	56C	20Q05R56
BMQ	821	10	D	56C	20Q10LR56
BMQ	821	10	L	56C	20Q10L56
BMQ	821	10	R	56C	20Q10R56
BMQ	821	15	D	56C	20Q15LR56
BMQ	821	15	L	56C	20Q15L56
BMQ	821	15	R	56C	20Q15R56
BMQ	821	20	D	56C	20Q20LR56
BMQ	821	20	L	56C	20Q20L56
BMQ	821	20	R	56C	20Q20R56
BMQ	821	25	D	56C	20Q25LR56
BMQ	821	25	L	56C	20Q25L56
BMQ	821	25	R	56C	20Q25R56
BMQ	821	30	D	56C	20Q30LR56
BMQ	821	30	L	56C	20Q30L56
BMQ	821	30	R	56C	20Q30R56
BMQ	821	40	D	56C	20Q40LR56
BMQ	821	40	L	56C	20Q40L56
BMQ	821	40	R	56C	20Q40R56
BMQ	821	50	D	56C	20Q50LR56
BMQ	821	50	L	56C	20Q50L56
BMQ	821	50	R	56C	20Q50R56
BMQ	821	60	D	56C	20Q60LR56
BMQ	821	60	L	56C	20Q60L56
BMQ	821	60	R	56C	20Q60R56
BMQ	821	10	D	140TC	20Q10LR14
BMQ	821	10	L	140TC	20Q10L14
BMQ	821	10	R	140TC	20Q10R14
BMQ	821	15	D	140TC	20Q15LR14
BMQ	821	15	L	140TC	20Q15L14
BMQ	821	15	R	140TC	20Q15R14
BMQ	821	20	D	140TC	20Q20LR14
BMQ	821	20	L	140TC	20Q20L14
BMQ	821	20	R	140TC	20Q20R14
BMQ	821	25	D	140TC	20Q25LR14
BMQ	821	25	L	140TC	20Q25L14
BMQ	821	25	R	140TC	20Q25R14

* On size 821, Grove Gear footprint dimensions are different from industry standard footprint dimensions.

Grove Gear coupled input

2.00-inch center distance

Coupled input (with base)
Add 20BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	821	5	D	56C	20A05LR56
TM	821	5	L	56C	20A05L56
TM	821	5	R	56C	20A05R56
TM	821	10	D	56C	20A10LR56
TM	821	10	L	56C	20A10L56
TM	821	10	R	56C	20A10R56
TM	821	15	D	56C	20A15LR56
TM	821	15	L	56C	20A15L56
TM	821	15	R	56C	20A15R56
TM	821	20	D	56C	20A20LR56
TM	821	20	L	56C	20A20L56
TM	821	20	R	56C	20A20R56
TM	821	25	D	56C	20A25LR56
TM	821	25	L	56C	20A25L56
TM	821	25	R	56C	20A25R56
TM	821	30	D	56C	20A30LR56
TM	821	30	L	56C	20A30L56
TM	821	30	R	56C	20A30R56
TM	821	40	D	56C	20A40LR56
TM	821	40	L	56C	20A40L56
TM	821	40	R	56C	20A40R56
TM	821	50	D	56C	20A50LR56
TM	821	50	L	56C	20A50L56
TM	821	50	R	56C	20A50R56
TM	821	60	D	56C	20A60LR56
TM	821	60	L	56C	20A60L56
TM	821	60	R	56C	20A60R56
TM	821	10	D	140TC	20A10LR14
TM	821	10	L	140TC	20A10L14
TM	821	10	R	140TC	20A10R14
TM	821	15	D	140TC	20A15LR14
TM	821	15	L	140TC	20A15L14
TM	821	15	R	140TC	20A15R14
TM	821	20	D	140TC	20A20LR14
TM	821	20	L	140TC	20A20L14
TM	821	20	R	140TC	20A20R14
TM	821	25	D	140TC	20A25LR14
TM	821	25	L	140TC	20A25L14
TM	821	25	R	140TC	20A25R14

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	821	5	D	56C	20A05LR56
BM	821	5	L	56C	20A05L56
BM	821	5	R	56C	20A05R56
BM	821	10	D	56C	20A10LR56
BM	821	10	L	56C	20A10L56
BM	821	10	R	56C	20A10R56
BM	821	15	D	56C	20A15LR56
BM	821	15	L	56C	20A15L56
BM	821	15	R	56C	20A15R56
BM	821	20	D	56C	20A20LR56
BM	821	20	L	56C	20A20L56
BM	821	20	R	56C	20A20R56
BM	821	25	D	56C	20A25LR56
BM	821	25	L	56C	20A25L56
BM	821	25	R	56C	20A25R56
BM	821	30	D	56C	20A30LR56
BM	821	30	L	56C	20A30L56
BM	821	30	R	56C	20A30R56
BM	821	40	D	56C	20A40LR56
BM	821	40	L	56C	20A40L56
BM	821	40	R	56C	20A40R56
BM	821	50	D	56C	20A50LR56
BM	821	50	L	56C	20A50L56
BM	821	50	R	56C	20A50R56
BM	821	60	D	56C	20A60LR56
BM	821	60	L	56C	20A60L56
BM	821	60	R	56C	20A60R56
BM	821	10	D	140TC	20A10LR14
BM	821	10	L	140TC	20A10L14
BM	821	10	R	140TC	20A10R14
BM	821	15	D	140TC	20A15LR14
BM	821	15	L	140TC	20A15L14
BM	821	15	R	140TC	20A15R14
BM	821	20	D	140TC	20A20LR14
BM	821	20	L	140TC	20A20L14
BM	821	20	R	140TC	20A20R14
BM	821	25	D	140TC	20A25LR14
BM	821	25	L	140TC	20A25L14
BM	821	25	R	140TC	20A25R14

* On size 821, Grove Gear footprint dimensions are different from industry standard footprint dimensions.

Grove Gear quill input

2.37-inch center distance

Quill input (with base)
Add 23BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	824	10	D	56C	23Q10LR56
TMQ	824	10	L	56C	23Q10L56
TMQ	824	10	R	56C	23Q10R56
TMQ	824	15	D	56C	23Q15LR56
TMQ	824	15	L	56C	23Q15L56
TMQ	824	15	R	56C	23Q15R56
TMQ	824	20	D	56C	23Q20LR56
TMQ	824	20	L	56C	23Q20L56
TMQ	824	20	R	56C	23Q20R56
TMQ	824	25	D	56C	23Q25LR56
TMQ	824	25	L	56C	23Q25L56
TMQ	824	25	R	56C	23Q25R56
TMQ	824	30	D	56C	23Q30LR56
TMQ	824	30	L	56C	23Q30L56
TMQ	824	30	R	56C	23Q30R56
TMQ	824	40	D	56C	23Q40LR56
TMQ	824	40	L	56C	23Q40L56
TMQ	824	40	R	56C	23Q40R56
TMQ	824	50	D	56C	23Q50LR56
TMQ	824	50	L	56C	23Q50L56
TMQ	824	50	R	56C	23Q50R56
TMQ	824	60	D	56C	23Q60LR56
TMQ	824	60	L	56C	23Q60L56
TMQ	824	60	R	56C	23Q60R56
TMQ	824	5	D	140TC	23Q05LR14
TMQ	824	5	L	140TC	23Q05L14
TMQ	824	5	R	140TC	23Q05R14
TMQ	824	10	D	140TC	23Q10LR14
TMQ	824	10	L	140TC	23Q10L14
TMQ	824	10	R	140TC	23Q10R14
TMQ	824	15	D	140TC	23Q15LR14
TMQ	824	15	L	140TC	23Q15L14
TMQ	824	15	R	140TC	23Q15R14
TMQ	824	20	D	140TC	23Q20LR14
TMQ	824	20	L	140TC	23Q20L14
TMQ	824	20	R	140TC	23Q20R14
TMQ	824	25	D	140TC	23Q25LR14
TMQ	824	25	L	140TC	23Q25L14
TMQ	824	25	R	140TC	23Q25R14
TMQ	824	30	D	140TC	23Q30LR14
TMQ	824	30	L	140TC	23Q30L14
TMQ	824	30	R	140TC	23Q30R14
TMQ	824	40	D	140TC	23Q40LR14
TMQ	824	40	L	140TC	23Q40L14
TMQ	824	40	R	140TC	23Q40R14
TMQ	824	5	D	180TC	23Q05LR18
TMQ	824	5	L	180TC	23Q05L18
TMQ	824	5	R	180TC	23Q05R18
TMQ	824	10	D	180TC	23Q10LR18
TMQ	824	10	L	180TC	23Q10L18
TMQ	824	10	R	180TC	23Q10R18

Quill input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	824	10	D	56C	23Q10LR56
BMQ	824	10	L	56C	23Q10L56
BMQ	824	10	R	56C	23Q10R56
BMQ	824	15	D	56C	23Q15LR56
BMQ	824	15	L	56C	23Q15L56
BMQ	824	15	R	56C	23Q15R56
BMQ	824	20	D	56C	23Q20LR56
BMQ	824	20	L	56C	23Q20L56
BMQ	824	20	R	56C	23Q20R56
BMQ	824	25	D	56C	23Q25LR56
BMQ	824	25	L	56C	23Q25L56
BMQ	824	25	R	56C	23Q25R56
BMQ	824	30	D	56C	23Q30LR56
BMQ	824	30	L	56C	23Q30L56
BMQ	824	30	R	56C	23Q30R56
BMQ	824	40	D	56C	23Q40LR56
BMQ	824	40	L	56C	23Q40L56
BMQ	824	40	R	56C	23Q40R56
BMQ	824	50	D	56C	23Q50LR56
BMQ	824	50	L	56C	23Q50L56
BMQ	824	50	R	56C	23Q50R56
BMQ	824	60	D	56C	23Q60LR56
BMQ	824	60	L	56C	23Q60L56
BMQ	824	60	R	56C	23Q60R56
BMQ	824	5	D	140TC	23Q05LR14
BMQ	824	5	L	140TC	23Q05L14
BMQ	824	5	R	140TC	23Q05R14
BMQ	824	10	D	140TC	23Q10LR14
BMQ	824	10	L	140TC	23Q10L14
BMQ	824	10	R	140TC	23Q10R14
BMQ	824	15	D	140TC	23Q15LR14
BMQ	824	15	L	140TC	23Q15L14
BMQ	824	15	R	140TC	23Q15R14
BMQ	824	20	D	140TC	23Q20LR14
BMQ	824	20	L	140TC	23Q20L14
BMQ	824	20	R	140TC	23Q20R14
BMQ	824	25	D	140TC	23Q25LR14
BMQ	824	25	L	140TC	23Q25L14
BMQ	824	25	R	140TC	23Q25R14
BMQ	824	30	D	140TC	23Q30LR14
BMQ	824	30	L	140TC	23Q30L14
BMQ	824	30	R	140TC	23Q30R14
BMQ	824	40	D	140TC	23Q40LR14
BMQ	824	40	L	140TC	23Q40L14
BMQ	824	40	R	140TC	23Q40R14
BMQ	824	5	D	180TC	23Q05LR18
BMQ	824	5	L	180TC	23Q05L18
BMQ	824	5	R	180TC	23Q05R18
BMQ	824	10	D	180TC	23Q10LR18
BMQ	824	10	L	180TC	23Q10L18
BMQ	824	10	R	180TC	23Q10R18

Grove Gear coupled input

2.37-inch center distance

Coupled input (with base)
Add 23BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	824	10	D	56C	23A10LR56
TM	824	10	L	56C	23A10L56
TM	824	10	R	56C	23A10R56
TM	824	15	D	56C	23A15LR56
TM	824	15	L	56C	23A15L56
TM	824	15	R	56C	23A15R56
TM	824	20	D	56C	23A20LR56
TM	824	20	L	56C	23A20L56
TM	824	20	R	56C	23A20R56
TM	824	25	D	56C	23A25LR56
TM	824	25	L	56C	23A25L56
TM	824	25	R	56C	23A25R56
TM	824	30	D	56C	23A30LR56
TM	824	30	L	56C	23A30L56
TM	824	30	R	56C	23A30R56
TM	824	40	D	56C	23A40LR56
TM	824	40	L	56C	23A40L56
TM	824	40	R	56C	23A40R56
TM	824	50	D	56C	23A50LR56
TM	824	50	L	56C	23A50L56
TM	824	50	R	56C	23A50R56
TM	824	60	D	56C	23A60LR56
TM	824	60	L	56C	23A60L56
TM	824	60	R	56C	23A60R56
TM	824	5	D	140TC	23A05LR14
TM	824	5	L	140TC	23A05L14
TM	824	5	R	140TC	23A05R14
TM	824	10	D	140TC	23A10LR14
TM	824	10	L	140TC	23A10L14
TM	824	10	R	140TC	23A10R14
TM	824	15	D	140TC	23A15LR14
TM	824	15	L	140TC	23A15L14
TM	824	15	R	140TC	23A15R14
TM	824	20	D	140TC	23A20LR14
TM	824	20	L	140TC	23A20L14
TM	824	20	R	140TC	23A20R14
TM	824	25	D	140TC	23A25LR14
TM	824	25	L	140TC	23A25L14
TM	824	25	R	140TC	23A25R14
TM	824	30	D	140TC	23A30LR14
TM	824	30	L	140TC	23A30L14
TM	824	30	R	140TC	23A30R14
TM	824	40	D	140TC	23A40LR14
TM	824	40	L	140TC	23A40L14
TM	824	40	R	140TC	23A40R14
TM	824	5	D	180TC	23A05LR18
TM	824	5	L	180TC	23A05L18
TM	824	5	R	180TC	23A05R18
TM	824	10	D	180TC	23A10LR18
TM	824	10	L	180TC	23A10L18
TM	824	10	R	180TC	23A10R18

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	824	10	D	56C	23A10LR56
BM	824	10	L	56C	23A10L56
BM	824	10	R	56C	23A10R56
BM	824	15	D	56C	23A15LR56
BM	824	15	L	56C	23A15L56
BM	824	15	R	56C	23A15R56
BM	824	20	D	56C	23A20LR56
BM	824	20	L	56C	23A20L56
BM	824	20	R	56C	23A20R56
BM	824	25	D	56C	23A25LR56
BM	824	25	L	56C	23A25L56
BM	824	25	R	56C	23A25R56
BM	824	30	D	56C	23A30LR56
BM	824	30	L	56C	23A30L56
BM	824	30	R	56C	23A30R56
BM	824	40	D	56C	23A40LR56
BM	824	40	L	56C	23A40L56
BM	824	40	R	56C	23A40R56
BM	824	50	D	56C	23A50LR56
BM	824	50	L	56C	23A50L56
BM	824	50	R	56C	23A50R56
BM	824	60	D	56C	23A60LR56
BM	824	60	L	56C	23A60L56
BM	824	60	R	56C	23A60R56
BM	824	5	D	140TC	23A05LR14
BM	824	5	L	140TC	23A05L14
BM	824	5	R	140TC	23A05R14
BM	824	10	D	140TC	23A10LR14
BM	824	10	L	140TC	23A10L14
BM	824	10	R	140TC	23A10R14
BM	824	15	D	140TC	23A15LR14
BM	824	15	L	140TC	23A15L14
BM	824	15	R	140TC	23A15R14
BM	824	20	D	140TC	23A20LR14
BM	824	20	L	140TC	23A20L14
BM	824	20	R	140TC	23A20R14
BM	824	25	D	140TC	23A25LR14
BM	824	25	L	140TC	23A25L14
BM	824	25	R	140TC	23A25R14
BM	824	30	D	140TC	23A30LR14
BM	824	30	L	140TC	23A30L14
BM	824	30	R	140TC	23A30R14
BM	824	40	D	140TC	23A40LR14
BM	824	40	L	140TC	23A40L14
BM	824	40	R	140TC	23A40R14
BM	824	5	D	180TC	23A05LR18
BM	824	5	L	180TC	23A05L18
BM	824	5	R	180TC	23A05R18
BM	824	10	D	180TC	23A10LR18
BM	824	10	L	180TC	23A10L18
BM	824	10	R	180TC	23A10R18

Grove Gear quill input

2.62-inch center distance

Quill input (with base)
Add 26BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	826	10	D	56C	26Q10LR56
TMQ	826	10	L	56C	26Q10L56
TMQ	826	10	R	56C	26Q10R56
TMQ	826	15	D	56C	26Q15LR56
TMQ	826	15	L	56C	26Q15L56
TMQ	826	15	R	56C	26Q15R56
TMQ	826	20	D	56C	26Q20LR56
TMQ	826	20	L	56C	26Q20L56
TMQ	826	20	R	56C	26Q20R56
TMQ	826	25	D	56C	26Q25LR56
TMQ	826	25	L	56C	26Q25L56
TMQ	826	25	R	56C	26Q25R56
TMQ	826	30	D	56C	26Q30LR56
TMQ	826	30	L	56C	26Q30L56
TMQ	826	30	R	56C	26Q30R56
TMQ	826	40	D	56C	26Q40LR56
TMQ	826	40	L	56C	26Q40L56
TMQ	826	40	R	56C	26Q40R56
TMQ	826	50	D	56C	26Q50LR56
TMQ	826	50	L	56C	26Q50L56
TMQ	826	50	R	56C	26Q50R56
TMQ	826	60	D	56C	26Q60LR56
TMQ	826	60	L	56C	26Q60L56
TMQ	826	60	R	56C	26Q60R56
TMQ	826	80	L	56C	26Q80L56
TMQ	826	80	R	56C	26Q80R56
TMQ	826	80	D	56C	26Q80LR56
TMQ	826	100	L	56C	26Q100L56
TMQ	826	100	R	56C	26Q100R56
TMQ	826	100	D	56C	26Q100LR56
TMQ	826	5	D	140TC	26Q05LR14
TMQ	826	5	L	140TC	26Q05L14
TMQ	826	5	R	140TC	26Q05R14
TMQ	826	7.5	D	140TC	26Q07LR14
TMQ	826	7.5	L	140TC	26Q07L14
TMQ	826	7.5	R	140TC	26Q07R14
TMQ	826	10	D	140TC	26Q10LR14
TMQ	826	10	L	140TC	26Q10L14
TMQ	826	10	R	140TC	26Q10R14
TMQ	826	15	D	140TC	26Q15LR14
TMQ	826	15	L	140TC	26Q15L14
TMQ	826	15	R	140TC	26Q15R14
TMQ	826	20	D	140TC	26Q20LR14
TMQ	826	20	L	140TC	26Q20L14
TMQ	826	20	R	140TC	26Q20R14
TMQ	826	25	D	140TC	26Q25LR14
TMQ	826	25	L	140TC	26Q25L14
TMQ	826	25	R	140TC	26Q25R14
TMQ	826	30	D	140TC	26Q30LR14
TMQ	826	30	L	140TC	26Q30L14
TMQ	826	30	R	140TC	26Q30R14
TMQ	826	40	D	140TC	26Q40LR14
TMQ	826	40	L	140TC	26Q40L14
TMQ	826	40	R	140TC	26Q40R14
TMQ	826	5	D	180TC	26Q05LR18
TMQ	826	5	L	180TC	26Q05L18
TMQ	826	5	R	180TC	26Q05R18
TMQ	826	7.5	D	180TC	26Q07LR18
TMQ	826	7.5	L	180TC	26Q07L18
TMQ	826	7.5	R	180TC	26Q07R18
TMQ	826	10	D	180TC	26Q10LR18
TMQ	826	10	L	180TC	26Q10L18
TMQ	826	10	R	180TC	26Q10R18

Quill input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	826	10	D	56C	26Q10LR56
BMQ	826	10	L	56C	26Q10L56
BMQ	826	10	R	56C	26Q10R56
BMQ	826	15	D	56C	26Q15LR56
BMQ	826	15	L	56C	26Q15L56
BMQ	826	15	R	56C	26Q15R56
BMQ	826	20	D	56C	26Q20LR56
BMQ	826	20	L	56C	26Q20L56
BMQ	826	20	R	56C	26Q20R56
BMQ	826	25	D	56C	26Q25LR56
BMQ	826	25	L	56C	26Q25L56
BMQ	826	25	R	56C	26Q25R56
BMQ	826	30	D	56C	26Q30LR56
BMQ	826	30	L	56C	26Q30L56
BMQ	826	30	R	56C	26Q30R56
BMQ	826	40	D	56C	26Q40LR56
BMQ	826	40	L	56C	26Q40L56
BMQ	826	40	R	56C	26Q40R56
BMQ	826	50	D	56C	26Q50LR56
BMQ	826	50	L	56C	26Q50L56
BMQ	826	50	R	56C	26Q50R56
BMQ	826	60	D	56C	26Q60LR56
BMQ	826	60	L	56C	26Q60L56
BMQ	826	60	R	56C	26Q60R56
BMQ	826	80	L	56C	26Q80L56
BMQ	826	80	R	56C	26Q80R56
BMQ	826	80	D	56C	26Q80LR56
BMQ	826	100	L	56C	26Q100L56
BMQ	826	100	R	56C	26Q100R56
BMQ	826	100	D	56C	26Q100LR56
BMQ	826	5	D	140TC	26Q05LR14
BMQ	826	5	L	140TC	26Q05L14
BMQ	826	5	R	140TC	26Q05R14
BMQ	826	7.5	D	140TC	26Q07LR14
BMQ	826	7.5	L	140TC	26Q07L14
BMQ	826	7.5	R	140TC	26Q07R14
BMQ	826	10	D	140TC	26Q10LR14
BMQ	826	10	L	140TC	26Q10L14
BMQ	826	10	R	140TC	26Q10R14
BMQ	826	15	D	140TC	26Q15LR14
BMQ	826	15	L	140TC	26Q15L14
BMQ	826	15	R	140TC	26Q15R14
BMQ	826	20	D	140TC	26Q20LR14
BMQ	826	20	L	140TC	26Q20L14
BMQ	826	20	R	140TC	26Q20R14
BMQ	826	25	D	140TC	26Q25LR14
BMQ	826	25	L	140TC	26Q25L14
BMQ	826	25	R	140TC	26Q25R14
BMQ	826	30	D	140TC	26Q30LR14
BMQ	826	30	L	140TC	26Q30L14
BMQ	826	30	R	140TC	26Q30R14
BMQ	826	40	D	140TC	26Q40LR14
BMQ	826	40	L	140TC	26Q40L14
BMQ	826	40	R	140TC	26Q40R14
BMQ	826	5	D	180TC	26Q05LR18
BMQ	826	5	L	180TC	26Q05L18
BMQ	826	5	R	180TC	26Q05R18
BMQ	826	7.5	D	180TC	26Q07LR18
BMQ	826	7.5	L	180TC	26Q07L18
BMQ	826	7.5	R	180TC	26Q07R18
BMQ	826	10	D	180TC	26Q10LR18
BMQ	826	10	L	180TC	26Q10L18
BMQ	826	10	R	180TC	26Q10R18

Grove Gear coupled input

2.62-inch center distance

Coupled input (with base)
Add 26BASE for Tigear-2

Grove Gear nomenclature						Tigear equivalent
TM	826	10	D	56C		26A10LR56
TM	826	10	L	56C		26A10L56
TM	826	10	R	56C		26A10R56
TM	826	15	D	56C		26A15LR56
TM	826	15	L	56C		26A15L56
TM	826	15	R	56C		26A15R56
TM	826	20	D	56C		26A20LR56
TM	826	20	L	56C		26A20L56
TM	826	20	R	56C		26A20R56
TM	826	25	D	56C		26A25LR56
TM	826	25	L	56C		26A25L56
TM	826	25	R	56C		26A25R56
TM	826	30	D	56C		26A30LR56
TM	826	30	L	56C		26A30L56
TM	826	30	R	56C		26A30R56
TM	826	40	D	56C		26A40LR56
TM	826	40	L	56C		26A40L56
TM	826	40	R	56C		26A40R56
TM	826	50	D	56C		26A50LR56
TM	826	50	L	56C		26A50L56
TM	826	50	R	56C		26A50R56
TM	826	60	D	56C		26A60LR56
TM	826	60	L	56C		26A60L56
TM	826	60	R	56C		26A60R56
TM	826	80	L	56C		26A80L56
TM	826	80	R	56C		26A80R56
TM	826	80	D	56C		26A80LR56
TM	826	100	L	56C		26A100L56
TM	826	100	R	56C		26A100R56
TM	826	100	D	56C		26A100LR56
TM	826	5	D	140TC		26A05LR14
TM	826	5	L	140TC		26A05L14
TM	826	5	R	140TC		26A05R14
TM	826	7.5	D	140TC		26A07LR14
TM	826	7.5	L	140TC		26A07L14
TM	826	7.5	R	140TC		26A07R14
TM	826	10	D	140TC		26A10LR14
TM	826	10	L	140TC		26A10L14
TM	826	10	R	140TC		26A10R14
TM	826	15	D	140TC		26A15LR14
TM	826	15	L	140TC		26A15L14
TM	826	15	R	140TC		26A15R14
TM	826	20	D	140TC		26A20LR14
TM	826	20	L	140TC		26A20L14
TM	826	20	R	140TC		26A20R14
TM	826	25	D	140TC		26A25LR14
TM	826	25	L	140TC		26A25L14
TM	826	25	R	140TC		26A25R14
TM	826	30	D	140TC		26A30LR14
TM	826	30	L	140TC		26A30L14
TM	826	30	R	140TC		26A30R14
TM	826	40	D	140TC		26A40LR14
TM	826	40	L	140TC		26A40L14
TM	826	40	R	140TC		26A40R14
TM	826	5	D	180TC		26A05LR18
TM	826	5	L	180TC		26A05L18
TM	826	5	R	180TC		26A05R18
TM	826	7.5	D	180TC		26A07LR18
TM	826	7.5	L	180TC		26A07L18
TM	826	7.5	R	180TC		26A07R18
TM	826	10	D	180TC		26A10LR18
TM	826	10	L	180TC		26A10L18
TM	826	10	R	180TC		26A10R18

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	826	10	D	56C	26A10LR56
BM	826	10	L	56C	26A10L56
BM	826	10	R	56C	26A10R56
BM	826	15	D	56C	26A15LR56
BM	826	15	L	56C	26A15L56
BM	826	15	R	56C	26A15R56
BM	826	20	D	56C	26A20LR56
BM	826	20	L	56C	26A20L56
BM	826	20	R	56C	26A20R56
BM	826	25	D	56C	26A25LR56
BM	826	25	L	56C	26A25L56
BM	826	25	R	56C	26A25R56
BM	826	30	D	56C	26A30LR56
BM	826	30	L	56C	26A30L56
BM	826	30	R	56C	26A30R56
BM	826	40	D	56C	26A40LR56
BM	826	40	L	56C	26A40L56
BM	826	40	R	56C	26A40R56
BM	826	50	D	56C	26A50LR56
BM	826	50	L	56C	26A50L56
BM	826	50	R	56C	26A50R56
BM	826	60	D	56C	26A60LR56
BM	826	60	L	56C	26A60L56
BM	826	60	R	56C	26A60R56
BM	826	80	L	56C	26A80L56
BM	826	80	R	56C	26A80R56
BM	826	80	D	56C	26A80LR56
BM	826	100	L	56C	26A100L56
BM	826	100	R	56C	26A100R56
BM	826	100	D	56C	26A100LR56
BM	826	5	D	140TC	26A05LR14
BM	826	5	L	140TC	26A05L14
BM	826	5	R	140TC	26A05R14
BM	826	7.5	D	140TC	26A07LR14
BM	826	7.5	L	140TC	26A07L14
BM	826	7.5	R	140TC	26A07R14
BM	826	10	D	140TC	26A10LR14
BM	826	10	L	140TC	26A10L14
BM	826	10	R	140TC	26A10R14
BM	826	15	D	140TC	26A15LR14
BM	826	15	L	140TC	26A15L14
BM	826	15	R	140TC	26A15R14
BM	826	20	D	140TC	26A20LR14
BM	826	20	L	140TC	26A20L14
BM	826	20	R	140TC	26A20R14
BM	826	25	D	140TC	26A25LR14
BM	826	25	L	140TC	26A25L14
BM	826	25	R	140TC	26A25R14
BM	826	30	D	140TC	26A30LR14
BM	826	30	L	140TC	26A30L14
BM	826	30	R	140TC	26A30R14
BM	826	40	D	140TC	26A40LR14
BM	826	40	L	140TC	26A40L14
BM	826	40	R	140TC	26A40R14
BM	826	5	D	180TC	26A05LR18
BM	826	5	L	180TC	26A05L18
BM	826	5	R	180TC	26A05R18
BM	826	7.5	D	180TC	26A07LR18
BM	826	7.5	L	180TC	26A07L18
BM	826	7.5	R	180TC	26A07R18
BM	826	10	D	180TC	26A10LR18
BM	826	10	L	180TC	26A10L18
BM	826	10	R	180TC	26A10R18

Grove Gear quill input

3.00-inch center distance

Quill input (with base)
Add 30BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	830	20	D	56C	30Q20LR56
TMQ	830	20	L	56C	30Q20L56
TMQ	830	20	R	56C	30Q20R56
TMQ	830	25	D	56C	30Q25LR56
TMQ	830	25	L	56C	30Q25L56
TMQ	830	25	R	56C	30Q25R56
TMQ	830	30	D	56C	30Q30LR56
TMQ	830	30	L	56C	30Q30L56
TMQ	830	30	R	56C	30Q30R56
TMQ	830	40	D	56C	30Q40LR56
TMQ	830	40	L	56C	30Q40L56
TMQ	830	40	R	56C	30Q40R56
TMQ	830	50	D	56C	30Q50LR56
TMQ	830	50	L	56C	30Q50L56
TMQ	830	50	R	56C	30Q50R56
TMQ	830	60	D	56C	30Q60LR56
TMQ	830	60	L	56C	30Q60L56
TMQ	830	60	R	56C	30Q60R56
TMQ	830	5	D	140TC	30Q05LR14
TMQ	830	5	L	140TC	30Q05L14
TMQ	830	5	R	140TC	30Q05R14
TMQ	830	10	D	140TC	30Q10LR14
TMQ	830	10	L	140TC	30Q10L14
TMQ	830	10	R	140TC	30Q10R14
TMQ	830	15	D	140TC	30Q15LR14
TMQ	830	15	L	140TC	30Q15L14
TMQ	830	15	R	140TC	30Q15R14
TMQ	830	20	D	140TC	30Q20LR14
TMQ	830	20	L	140TC	30Q20L14
TMQ	830	20	R	140TC	30Q20R14
TMQ	830	25	D	140TC	30Q25LR14
TMQ	830	25	L	140TC	30Q25L14
TMQ	830	25	R	140TC	30Q25R14
TMQ	830	30	D	140TC	30Q30LR14
TMQ	830	30	L	140TC	30Q30L14
TMQ	830	30	R	140TC	30Q30R14
TMQ	830	40	D	140TC	30Q40LR14
TMQ	830	40	L	140TC	30Q40L14
TMQ	830	40	R	140TC	30Q40R14
TMQ	830	50	D	140TC	30Q50LR14
TMQ	830	50	L	140TC	30Q50L14
TMQ	830	50	R	140TC	30Q50R14
TMQ	830	60	D	140TC	30Q60LR14
TMQ	830	60	L	140TC	30Q60L14
TMQ	830	60	R	140TC	30Q60R14
TMQ	830	5	D	180TC	30Q05LR18
TMQ	830	5	L	180TC	30Q05L18
TMQ	830	5	R	180TC	30Q05R18
TMQ	830	10	D	180TC	30Q10LR18
TMQ	830	10	L	180TC	30Q10L18
TMQ	830	10	R	180TC	30Q10R18
TMQ	830	15	D	180TC	30Q15LR18
TMQ	830	15	L	180TC	30Q15L18
TMQ	830	15	R	180TC	30Q157R18
TMQ	830	20	D	180TC	30Q20LR18
TMQ	830	20	L	180TC	30Q20L18
TMQ	830	20	R	180TC	30Q20R18
TMQ	830	25	D	180TC	30Q25LR18
TMQ	830	25	L	180TC	30Q25L18
TMQ	830	25	R	180TC	30Q25R18

Quill input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	830	20	D	56C	30Q20LR56
BMQ	830	20	L	56C	30Q20L56
BMQ	830	20	R	56C	30Q20R56
BMQ	830	25	D	56C	30Q25LR56
BMQ	830	25	L	56C	30Q25L56
BMQ	830	25	R	56C	30Q25R56
BMQ	830	30	D	56C	30Q30LR56
BMQ	830	30	L	56C	30Q30L56
BMQ	830	30	R	56C	30Q30R56
BMQ	830	40	D	56C	30Q40LR56
BMQ	830	40	L	56C	30Q40L56
BMQ	830	40	R	56C	30Q40R56
BMQ	830	50	D	56C	30Q50LR56
BMQ	830	50	L	56C	30Q50L56
BMQ	830	50	R	56C	30Q50R56
BMQ	830	60	D	56C	30Q60LR56
BMQ	830	60	L	56C	30Q60L56
BMQ	830	60	R	56C	30Q60R56
BMQ	830	5	D	140TC	30Q05LR14
BMQ	830	5	L	140TC	30Q05L14
BMQ	830	5	R	140TC	30Q05R14
BMQ	830	10	D	140TC	30Q10LR14
BMQ	830	10	L	140TC	30Q10L14
BMQ	830	10	R	140TC	30Q10R14
BMQ	830	15	D	140TC	30Q15LR14
BMQ	830	15	L	140TC	30Q15L14
BMQ	830	15	R	140TC	30Q15R14
BMQ	830	20	D	140TC	30Q20LR14
BMQ	830	20	L	140TC	30Q20L14
BMQ	830	20	R	140TC	30Q20R14
BMQ	830	25	D	140TC	30Q25LR14
BMQ	830	25	L	140TC	30Q25L14
BMQ	830	25	R	140TC	30Q25R14
BMQ	830	30	D	140TC	30Q30LR14
BMQ	830	30	L	140TC	30Q30L14
BMQ	830	30	R	140TC	30Q30R14
BMQ	830	40	D	140TC	30Q40LR14
BMQ	830	40	L	140TC	30Q40L14
BMQ	830	40	R	140TC	30Q40R14
BMQ	830	50	D	140TC	30Q50LR14
BMQ	830	50	L	140TC	30Q50L14
BMQ	830	50	R	140TC	30Q50R14
BMQ	830	60	D	140TC	30Q60LR14
BMQ	830	60	L	140TC	30Q60L14
BMQ	830	60	R	140TC	30Q60R14
BMQ	830	5	D	180TC	30Q05LR18
BMQ	830	5	L	180TC	30Q05L18
BMQ	830	5	R	180TC	30Q05R18
BMQ	830	10	D	180TC	30Q10LR18
BMQ	830	10	L	180TC	30Q10L18
BMQ	830	10	R	180TC	30Q10R18
BMQ	830	15	D	180TC	30Q15LR18
BMQ	830	15	L	180TC	30Q15L18
BMQ	830	15	R	180TC	30Q157R18
BMQ	830	20	D	180TC	30Q20LR18
BMQ	830	20	L	180TC	30Q20L18
BMQ	830	20	R	180TC	30Q20R18
BMQ	830	25	D	180TC	30Q25LR18
BMQ	830	25	L	180TC	30Q25L18
BMQ	830	25	R	180TC	30Q25R18

Grove Gear coupled input

3.00-inch center distance

Coupled input (with base)
Add 30BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	830	20	D	56C	30A20LR56
TM	830	20	L	56C	30A20L56
TM	830	20	R	56C	30A20R56
TM	830	25	D	56C	30A25LR56
TM	830	25	L	56C	30A25L56
TM	830	25	R	56C	30A25R56
TM	830	30	D	56C	30A30LR56
TM	830	30	L	56C	30A30L56
TM	830	30	R	56C	30A30R56
TM	830	40	D	56C	30A40LR56
TM	830	40	L	56C	30A40L56
TM	830	40	R	56C	30A40R56
TM	830	50	D	56C	30A50LR56
TM	830	50	L	56C	30A50L56
TM	830	50	R	56C	30A50R56
TM	830	60	D	56C	30A60LR56
TM	830	60	L	56C	30A60L56
TM	830	60	R	56C	30A60R56
TM	830	5	D	140TC	30A05LR14
TM	830	5	L	140TC	30A05L14
TM	830	5	R	140TC	30A05R14
TM	830	10	D	140TC	30A10LR14
TM	830	10	L	140TC	30A10L14
TM	830	10	R	140TC	30A10R14
TM	830	15	D	140TC	30A15LR14
TM	830	15	L	140TC	30A15L14
TM	830	15	R	140TC	30A15R14
TM	830	20	D	140TC	30A20LR14
TM	830	20	L	140TC	30A20L14
TM	830	20	R	140TC	30A20R14
TM	830	25	D	140TC	30A25LR14
TM	830	25	L	140TC	30A25L14
TM	830	25	R	140TC	30A25R14
TM	830	30	D	140TC	30A30LR14
TM	830	30	L	140TC	30A30L14
TM	830	30	R	140TC	30A30R14
TM	830	40	D	140TC	30A40LR14
TM	830	40	L	140TC	30A40L14
TM	830	40	R	140TC	30A40R14
TM	830	50	D	140TC	30A50LR14
TM	830	50	L	140TC	30A50L14
TM	830	50	R	140TC	30A50R14
TM	830	60	D	140TC	30A60LR14
TM	830	60	L	140TC	30A60L14
TM	830	60	R	140TC	30A60R14
TM	830	5	D	180TC	30A05LR18
TM	830	5	L	180TC	30A05L18
TM	830	5	R	180TC	30A05R18
TM	830	10	D	180TC	30A10LR18
TM	830	10	L	180TC	30A10L18
TM	830	10	R	180TC	30A10R18
TM	830	15	D	180TC	30A15LR18
TM	830	15	L	180TC	30A15L18
TM	830	15	R	180TC	30A157R18
TM	830	20	D	180TC	30A20LR18
TM	830	20	L	180TC	30A20L18
TM	830	20	R	180TC	30A20R18
TM	830	25	D	180TC	30A25LR18
TM	830	25	L	180TC	30A25L18
TM	830	25	R	180TC	30A25R18

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	830	20	D	56C	30A20LR56
BM	830	20	L	56C	30A20L56
BM	830	20	R	56C	30A20R56
BM	830	25	D	56C	30A25LR56
BM	830	25	L	56C	30A25L56
BM	830	25	R	56C	30A25R56
BM	830	30	D	56C	30A30LR56
BM	830	30	L	56C	30A30L56
BM	830	30	R	56C	30A30R56
BM	830	40	D	56C	30A40LR56
BM	830	40	L	56C	30A40L56
BM	830	40	R	56C	30A40R56
BM	830	50	D	56C	30A50LR56
BM	830	50	L	56C	30A50L56
BM	830	50	R	56C	30A50R56
BM	830	60	D	56C	30A60LR56
BM	830	60	L	56C	30A60L56
BM	830	60	R	56C	30A60R56
BM	830	5	D	140TC	30A05LR14
BM	830	5	L	140TC	30A05L14
BM	830	5	R	140TC	30A05R14
BM	830	10	D	140TC	30A10LR14
BM	830	10	L	140TC	30A10L14
BM	830	10	R	140TC	30A10R14
BM	830	15	D	140TC	30A15LR14
BM	830	15	L	140TC	30A15L14
BM	830	15	R	140TC	30A15R14
BM	830	20	D	140TC	30A20LR14
BM	830	20	L	140TC	30A20L14
BM	830	20	R	140TC	30A20R14
BM	830	25	D	140TC	30A25LR14
BM	830	25	L	140TC	30A25L14
BM	830	25	R	140TC	30A25R14
BM	830	30	D	140TC	30A30LR14
BM	830	30	L	140TC	30A30L14
BM	830	30	R	140TC	30A30R14
BM	830	40	D	140TC	30A40LR14
BM	830	40	L	140TC	30A40L14
BM	830	40	R	140TC	30A40R14
BM	830	50	D	140TC	30A50LR14
BM	830	50	L	140TC	30A50L14
BM	830	50	R	140TC	30A50R14
BM	830	60	D	140TC	30A60LR14
BM	830	60	L	140TC	30A60L14
BM	830	60	R	140TC	30A60R14
BM	830	5	D	180TC	30A05LR18
BM	830	5	L	180TC	30A05L18
BM	830	5	R	180TC	30A05R18
BM	830	10	D	180TC	30A10LR18
BM	830	10	L	180TC	30A10L18
BM	830	10	R	180TC	30A10R18
BM	830	15	D	180TC	30A15LR18
BM	830	15	L	180TC	30A15L18
BM	830	15	R	180TC	30A157R18
BM	830	20	D	180TC	30A20LR18
BM	830	20	L	180TC	30A20L18
BM	830	20	R	180TC	30A20R18
BM	830	25	D	180TC	30A25LR18
BM	830	25	L	180TC	30A25L18
BM	830	25	R	180TC	30A25R18

Grove Gear quill input

3.25-inch center distance

Quill input (with base)
Add 32BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	832	30	D	56C	32Q30LR56
TMQ	832	30	L	56C	32Q30L56
TMQ	832	30	R	56C	32Q30R56
TMQ	832	40	D	56C	32Q40LR56
TMQ	832	40	L	56C	32Q40L56
TMQ	832	40	R	56C	32Q40R56
TMQ	832	50	D	56C	32Q50LR56
TMQ	832	50	L	56C	32Q50L56
TMQ	832	50	R	56C	32Q50R56
TMQ	832	60	D	56C	32Q60LR56
TMQ	832	60	L	56C	32Q60L56
TMQ	832	60	R	56C	32Q60R56
TMQ	832	5	D	140TC	32Q05LR14
TMQ	832	5	L	140TC	32Q05L14
TMQ	832	5	R	140TC	32Q05R14
TMQ	832	10	D	140TC	32Q10LR14
TMQ	832	10	L	140TC	32Q10L14
TMQ	832	10	R	140TC	32Q10R14
TMQ	832	15	D	140TC	32Q15LR14
TMQ	832	15	L	140TC	32Q15L14
TMQ	832	15	R	140TC	32Q15R14
TMQ	832	20	D	140TC	32Q20LR14
TMQ	832	20	L	140TC	32Q20L14
TMQ	832	20	R	140TC	32Q20R14
TMQ	832	25	D	140TC	32Q25LR14
TMQ	832	25	L	140TC	32Q25L14
TMQ	832	25	R	140TC	32Q25R14
TMQ	832	30	D	140TC	32Q30LR14
TMQ	832	30	L	140TC	32Q30L14
TMQ	832	30	R	140TC	32Q30R14
TMQ	832	40	D	140TC	32Q40LR14
TMQ	832	40	L	140TC	32Q40L14
TMQ	832	40	R	140TC	32Q40R14
TMQ	832	50	D	140TC	32Q50LR14
TMQ	832	50	L	140TC	32Q50L14
TMQ	832	50	R	140TC	32Q50R14
TMQ	832	60	D	140TC	32Q60LR14
TMQ	832	60	L	140TC	32Q60L14
TMQ	832	60	R	140TC	32Q60R14
TMQ	832	5	D	180TC	32Q05LR18
TMQ	832	5	L	180TC	32Q05L18
TMQ	832	5	R	180TC	32Q05R18
TMQ	832	10	D	180TC	32Q10LR18
TMQ	832	10	L	180TC	32Q10L18
TMQ	832	10	R	180TC	32Q10R18
TMQ	832	15	D	180TC	32Q15LR18
TMQ	832	15	L	180TC	32Q15L18
TMQ	832	15	R	180TC	32Q157R18
TMQ	832	20	D	180TC	32Q20LR18
TMQ	832	20	L	180TC	32Q20L18
TMQ	832	20	R	180TC	32Q20R18
TMQ	832	25	D	180TC	32Q25LR18
TMQ	832	25	L	180TC	32Q25L18
TMQ	832	25	R	180TC	32Q25R18
TMQ	832	30	D	180TC	32Q30LR18
TMQ	832	30	L	180TC	32Q30L18
TMQ	832	30	R	180TC	32Q30R18

Quill input (without base)"

Grove Gear nomenclature					Tigear-2 equivalent
BMQ	832	30	D	56C	32Q30LR56
BMQ	832	30	L	56C	32Q30L56
BMQ	832	30	R	56C	32Q30R56
BMQ	832	40	D	56C	32Q40LR56
BMQ	832	40	L	56C	32Q40L56
BMQ	832	40	R	56C	32Q40R56
BMQ	832	50	D	56C	32Q50LR56
BMQ	832	50	L	56C	32Q50L56
BMQ	832	50	R	56C	32Q50R56
BMQ	832	60	D	56C	32Q60LR56
BMQ	832	60	L	56C	32Q60L56
BMQ	832	60	R	56C	32Q60R56
BMQ	832	5	D	140TC	32Q05LR14
BMQ	832	5	L	140TC	32Q05L14
BMQ	832	5	R	140TC	32Q05R14
BMQ	832	10	D	140TC	32Q10LR14
BMQ	832	10	L	140TC	32Q10L14
BMQ	832	10	R	140TC	32Q10R14
BMQ	832	15	D	140TC	32Q15LR14
BMQ	832	15	L	140TC	32Q15L14
BMQ	832	15	R	140TC	32Q15R14
BMQ	832	20	D	140TC	32Q20LR14
BMQ	832	20	L	140TC	32Q20L14
BMQ	832	20	R	140TC	32Q20R14
BMQ	832	25	D	140TC	32Q25LR14
BMQ	832	25	L	140TC	32Q25L14
BMQ	832	25	R	140TC	32Q25R14
BMQ	832	30	D	140TC	32Q30LR14
BMQ	832	30	L	140TC	32Q30L14
BMQ	832	30	R	140TC	32Q30R14
BMQ	832	40	D	140TC	32Q40LR14
BMQ	832	40	L	140TC	32Q40L14
BMQ	832	40	R	140TC	32Q40R14
BMQ	832	50	D	140TC	32Q50LR14
BMQ	832	50	L	140TC	32Q50L14
BMQ	832	50	R	140TC	32Q50R14
BMQ	832	60	D	140TC	32Q60LR14
BMQ	832	60	L	140TC	32Q60L14
BMQ	832	60	R	140TC	32Q60R14
BMQ	832	5	D	180TC	32Q05LR18
BMQ	832	5	L	180TC	32Q05L18
BMQ	832	5	R	180TC	32Q05R18
BMQ	832	10	D	180TC	32Q10LR18
BMQ	832	10	L	180TC	32Q10L18
BMQ	832	10	R	180TC	32Q10R18
BMQ	832	15	D	180TC	32Q15LR18
BMQ	832	15	L	180TC	32Q15L18
BMQ	832	15	R	180TC	32Q157R18
BMQ	832	20	D	180TC	32Q20LR18
BMQ	832	20	L	180TC	32Q20L18
BMQ	832	20	R	180TC	32Q20R18
BMQ	832	25	D	180TC	32Q25LR18
BMQ	832	25	L	180TC	32Q25L18
BMQ	832	25	R	180TC	32Q25R18
BMQ	832	30	D	180TC	32Q30LR18
BMQ	832	30	L	180TC	32Q30L18
BMQ	832	30	R	180TC	32Q30R18

Grove Gear coupled input

3.25-inch center distance

Coupled input (with base)
Add 32BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	832	30	D	56C	32A30LR56
TM	832	30	L	56C	32A30L56
TM	832	30	R	56C	32A30R56
TM	832	40	D	56C	32A40LR56
TM	832	40	L	56C	32A40L56
TM	832	40	R	56C	32A40R56
TM	832	50	D	56C	32A50LR56
TM	832	50	L	56C	32A50L56
TM	832	50	R	56C	32A50R56
TM	832	60	D	56C	32A60LR56
TM	832	60	L	56C	32A60L56
TM	832	60	R	56C	32A60R56
TM	832	5	D	140TC	32A05LR14
TM	832	5	L	140TC	32A05L14
TM	832	5	R	140TC	32A05R14
TM	832	10	D	140TC	32A10LR14
TM	832	10	L	140TC	32A10L14
TM	832	10	R	140TC	32A10R14
TM	832	15	D	140TC	32A15LR14
TM	832	15	L	140TC	32A15L14
TM	832	15	R	140TC	32A15R14
TM	832	20	D	140TC	32A20LR14
TM	832	20	L	140TC	32A20L14
TM	832	20	R	140TC	32A20R14
TM	832	25	D	140TC	32A25LR14
TM	832	25	L	140TC	32A25L14
TM	832	25	R	140TC	32A25R14
TM	832	30	D	140TC	32A30LR14
TM	832	30	L	140TC	32A30L14
TM	832	30	R	140TC	32A30R14
TM	832	40	D	140TC	32A40LR14
TM	832	40	L	140TC	32A40L14
TM	832	40	R	140TC	32A40R14
TM	832	50	D	140TC	32A50LR14
TM	832	50	L	140TC	32A50L14
TM	832	50	R	140TC	32A50R14
TM	832	60	D	140TC	32A60LR14
TM	832	60	L	140TC	32A60L14
TM	832	60	R	140TC	32A60R14
TM	832	5	D	180TC	32A05LR18
TM	832	5	L	180TC	32A05L18
TM	832	5	R	180TC	32A05R18
TM	832	10	D	180TC	32A10LR18
TM	832	10	L	180TC	32A10L18
TM	832	10	R	180TC	32A10R18
TM	832	15	D	180TC	32A15LR18
TM	832	15	L	180TC	32A15L18
TM	832	15	R	180TC	32A157R18
TM	832	20	D	180TC	32A20LR18
TM	832	20	L	180TC	32A20L18
TM	832	20	R	180TC	32A20R18
TM	832	25	D	180TC	32A25LR18
TM	832	25	L	180TC	32A25L18
TM	832	25	R	180TC	32A25R18
TM	832	30	D	180TC	32A30LR18
TM	832	30	L	180TC	32A30L18
TM	832	30	R	180TC	32A30R18

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	832	30	D	56C	32A30LR56
BM	832	30	L	56C	32A30L56
BM	832	30	R	56C	32A30R56
BM	832	40	D	56C	32A40LR56
BM	832	40	L	56C	32A40L56
BM	832	40	R	56C	32A40R56
BM	832	50	D	56C	32A50LR56
BM	832	50	L	56C	32A50L56
BM	832	50	R	56C	32A50R56
BM	832	60	D	56C	32A60LR56
BM	832	60	L	56C	32A60L56
BM	832	60	R	56C	32A60R56
BM	832	5	D	140TC	32A05LR14
BM	832	5	L	140TC	32A05L14
BM	832	5	R	140TC	32A05R14
BM	832	10	D	140TC	32A10LR14
BM	832	10	L	140TC	32A10L14
BM	832	10	R	140TC	32A10R14
BM	832	15	D	140TC	32A15LR14
BM	832	15	L	140TC	32A15L14
BM	832	15	R	140TC	32A15R14
BM	832	20	D	140TC	32A20LR14
BM	832	20	L	140TC	32A20L14
BM	832	20	R	140TC	32A20R14
BM	832	25	D	140TC	32A25LR14
BM	832	25	L	140TC	32A25L14
BM	832	25	R	140TC	32A25R14
BM	832	30	D	140TC	32A30LR14
BM	832	30	L	140TC	32A30L14
BM	832	30	R	140TC	32A30R14
BM	832	40	D	140TC	32A40LR14
BM	832	40	L	140TC	32A40L14
BM	832	40	R	140TC	32A40R14
BM	832	50	D	140TC	32A50LR14
BM	832	50	L	140TC	32A50L14
BM	832	50	R	140TC	32A50R14
BM	832	60	D	140TC	32A60LR14
BM	832	60	L	140TC	32A60L14
BM	832	60	R	140TC	32A60R14
BM	832	5	D	180TC	32A05LR18
BM	832	5	L	180TC	32A05L18
BM	832	5	R	180TC	32A05R18
BM	832	10	D	180TC	32A10LR18
BM	832	10	L	180TC	32A10L18
BM	832	10	R	180TC	32A10R18
BM	832	15	D	180TC	32A15LR18
BM	832	15	L	180TC	32A15L18
BM	832	15	R	180TC	32A157R18
BM	832	20	D	180TC	32A20LR18
BM	832	20	L	180TC	32A20L18
BM	832	20	R	180TC	32A20R18
BM	832	25	D	180TC	32A25LR18
BM	832	25	L	180TC	32A25L18
BM	832	25	R	180TC	32A25R18
BM	832	30	D	180TC	32A30LR18
BM	832	30	L	180TC	32A30L18
BM	832	30	R	180TC	32A30R18

Grove Gear quill input

4.25-inch center distance

Quill input (with base)
Add 40BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TMQ	842	40	D	140TC	40Q40LR14
TMQ	842	40	L	140TC	40Q40L14
TMQ	842	40	R	140TC	40Q40R14
TMQ	842	50	D	140TC	40Q50LR14
TMQ	842	50	L	140TC	40Q50L14
TMQ	842	50	R	140TC	40Q50R14
TMQ	842	60	D	140TC	40Q60LR14
TMQ	842	60	L	140TC	40Q60L14
TMQ	842	60	R	140TC	40Q60R14
TMQ	842	15	D	180TC	40Q15LR18
TMQ	842	15	L	180TC	40Q15L18
TMQ	842	15	R	180TC	40Q15R18
TMQ	842	20	D	180TC	40Q20LR18
TMQ	842	20	L	180TC	40Q20L18
TMQ	842	20	R	180TC	40Q20R18
TMQ	842	25	D	180TC	40Q25LR18
TMQ	842	25	L	180TC	40Q25L18
TMQ	842	25	R	180TC	40Q25R18
TMQ	842	30	D	180TC	40Q30LR18
TMQ	842	30	L	180TC	40Q30L18
TMQ	842	30	R	180TC	40Q30R18
TMQ	842	40	D	180TC	40Q40LR18
TMQ	842	40	L	180TC	40Q40L18
TMQ	842	40	R	180TC	40Q40R18
TMQ	842	50	D	180TC	40Q50LR18
TMQ	842	50	L	180TC	40Q50L18
TMQ	842	50	R	180TC	40Q50R18
TMQ	842	60	D	180TC	40Q60LR18
TMQ	842	60	L	180TC	40Q60L18
TMQ	842	60	R	180TC	40Q60R18
TMQ	842	5	D	210TC	40Q05LR21
TMQ	842	5	L	210TC	40Q05L21
TMQ	842	5	R	210TC	40Q05R21
TMQ	842	10	D	210TC	40Q10LR21
TMQ	842	10	L	210TC	40Q10L21
TMQ	842	10	R	210TC	40Q10R21
TMQ	842	15	D	210TC	40Q15LR21
TMQ	842	15	L	210TC	40Q15L21
TMQ	842	15	R	210TC	40Q15R21
TMQ	842	20	D	210TC	40Q20LR21
TMQ	842	20	L	210TC	40Q20L21
TMQ	842	20	R	210TC	40Q20R21
TMQ	842	5	D	250TC	40Q05LR25
TMQ	842	5	L	250TC	40Q05L25
TMQ	842	5	R	250TC	40Q05R25

Quill input (without base)

Grove Gear Nomenclature					Tigear-2 equivalent
BMQ	842	40	D	140TC	40Q40LR14
BMQ	842	40	L	140TC	40Q40L14
BMQ	842	40	R	140TC	40Q40R14
BMQ	842	50	D	140TC	40Q50LR14
BMQ	842	50	L	140TC	40Q50L14
BMQ	842	50	R	140TC	40Q50R14
BMQ	842	60	D	140TC	40Q60LR14
BMQ	842	60	L	140TC	40Q60L14
BMQ	842	60	R	140TC	40Q60R14
BMQ	842	15	D	180TC	40Q15LR18
BMQ	842	15	L	180TC	40Q15L18
BMQ	842	15	R	180TC	40Q15R18
BMQ	842	20	D	180TC	40Q20LR18
BMQ	842	20	L	180TC	40Q20L18
BMQ	842	20	R	180TC	40Q20R18
BMQ	842	25	D	180TC	40Q25LR18
BMQ	842	25	L	180TC	40Q25L18
BMQ	842	25	R	180TC	40Q25R18
BMQ	842	30	D	180TC	40Q30LR18
BMQ	842	30	L	180TC	40Q30L18
BMQ	842	30	R	180TC	40Q30R18
BMQ	842	40	D	180TC	40Q40LR18
BMQ	842	40	L	180TC	40Q40L18
BMQ	842	40	R	180TC	40Q40R18
BMQ	842	50	D	180TC	40Q50LR18
BMQ	842	50	L	180TC	40Q50L18
BMQ	842	50	R	180TC	40Q50R18
BMQ	842	60	D	180TC	40Q60LR18
BMQ	842	60	L	180TC	40Q60L18
BMQ	842	60	R	180TC	40Q60R18
BMQ	842	5	D	210TC	40Q05LR21
BMQ	842	5	L	210TC	40Q05L21
BMQ	842	5	R	210TC	40Q05R21
BMQ	842	10	D	210TC	40Q10LR21
BMQ	842	10	L	210TC	40Q10L21
BMQ	842	10	R	210TC	40Q10R21
BMQ	842	15	D	210TC	40Q15LR21
BMQ	842	15	L	210TC	40Q15L21
BMQ	842	15	R	210TC	40Q15R21
BMQ	842	20	D	210TC	40Q20LR21
BMQ	842	20	L	210TC	40Q20L21
BMQ	842	20	R	210TC	40Q20R21
BMQ	842	25	D	250TC	40Q05LR25
BMQ	842	25	L	250TC	40Q05L25
BMQ	842	25	R	250TC	40Q05R25

Grove Gear coupled input

4.25-inch center distance

Coupled input (with base)
Add 40BASE for Tigear-2

Grove Gear nomenclature					Tigear-2 equivalent
TM	842	40	D	140TC	40A40LR14
TM	842	40	L	140TC	40A40L14
TM	842	40	R	140TC	40A40R14
TM	842	50	D	140TC	40A50LR14
TM	842	50	L	140TC	40A50L14
TM	842	50	R	140TC	40A50R14
TM	842	60	D	140TC	40A60LR14
TM	842	60	L	140TC	40A60L14
TM	842	60	R	140TC	40A60R14
TM	842	15	D	180TC	40A15LR18
TM	842	15	L	180TC	40A15L18
TM	842	15	R	180TC	40A15R18
TM	842	20	D	180TC	40A20LR18
TM	842	20	L	180TC	40A20L18
TM	842	20	R	180TC	40A20R18
TM	842	25	D	180TC	40A25LR18
TM	842	25	L	180TC	40A25L18
TM	842	25	R	180TC	40A25R18
TM	842	30	D	180TC	40A30LR18
TM	842	30	L	180TC	40A30L18
TM	842	30	R	180TC	40A30R18
TM	842	40	D	180TC	40A40LR18
TM	842	40	L	180TC	40A40L18
TM	842	40	R	180TC	40A40R18
TM	842	50	D	180TC	40A50LR18
TM	842	50	L	180TC	40A50L18
TM	842	50	R	180TC	40A50R18
TM	842	60	D	180TC	40A60LR18
TM	842	60	L	180TC	40A60L18
TM	842	60	R	180TC	40A60R18
TM	842	5	D	210TC	40A05LR21
TM	842	5	L	210TC	40A05L21
TM	842	5	R	210TC	40A05R21
TM	842	10	D	210TC	40A10LR21
TM	842	10	L	210TC	40A10L21
TM	842	10	R	210TC	40A10R21
TM	842	15	D	210TC	40A15LR21
TM	842	15	L	210TC	40A15L21
TM	842	15	R	210TC	40A15R21
TM	842	20	D	210TC	40A20LR21
TM	842	20	L	210TC	40A20L21
TM	842	20	R	210TC	40A20R21
TM	842	5	D	250TC	40A05LR25
TM	842	5	L	250TC	40A05L25
TM	842	5	R	250TC	40A05R25

Coupled input (without base)

Grove Gear nomenclature					Tigear-2 equivalent
BM	842	40	D	140TC	40A40LR14
BM	842	40	L	140TC	40A40L14
BM	842	40	R	140TC	40A40R14
BM	842	50	D	140TC	40A50LR14
BM	842	50	L	140TC	40A50L14
BM	842	50	R	140TC	40A50R14
BM	842	60	D	140TC	40A60LR14
BM	842	60	L	140TC	40A60L14
BM	842	60	R	140TC	40A60R14
BM	842	15	D	180TC	40A15LR18
BM	842	15	L	180TC	40A15L18
BM	842	15	R	180TC	40A15R18
BM	842	20	D	180TC	40A20LR18
BM	842	20	L	180TC	40A20L18
BM	842	20	R	180TC	40A20R18
BM	842	25	D	180TC	40A25LR18
BM	842	25	L	180TC	40A25L18
BM	842	25	R	180TC	40A25R18
BM	842	30	D	180TC	40A30LR18
BM	842	30	L	180TC	40A30L18
BM	842	30	R	180TC	40A30R18
BM	842	40	D	180TC	40A40LR18
BM	842	40	L	180TC	40A40L18
BM	842	40	R	180TC	40A40R18
BM	842	50	D	180TC	40A50LR18
BM	842	50	L	180TC	40A50L18
BM	842	50	R	180TC	40A50R18
BM	842	60	D	180TC	40A60LR18
BM	842	60	L	180TC	40A60L18
BM	842	60	R	180TC	40A60R18
BM	842	5	D	210TC	40A05LR21
BM	842	5	L	210TC	40A05L21
BM	842	5	R	210TC	40A05R21
BM	842	10	D	210TC	40A10LR21
BM	842	10	L	210TC	40A10L21
BM	842	10	R	210TC	40A10R21
BM	842	15	D	210TC	40A15LR21
BM	842	15	L	210TC	40A15L21
BM	842	15	R	210TC	40A15R21
BM	842	20	D	210TC	40A20LR21
BM	842	20	L	210TC	40A20L21
BM	842	20	R	210TC	40A20R21
BM	842	5	D	250TC	40A05LR25
BM	842	5	L	250TC	40A05L25
BM	842	5	R	250TC	40A05R25

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Dodge Industrial, Inc.
1061 Holland Road, Simpsonville, SC 29681
+1 864 297 4800

dodgeindustrial.com

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