



**ENGINEERED PRODUCTS**

# ICC - Shaft Mount Reducers

**Engineers and Manufacturers of Washing, Vibrating and Crushing Equipment**

## Design Features

### Easy Installation

Simply insert the shaft key and slide the inboard bushing, reducer and outboard bearing onto the input shaft of your device. Then position and tighten the bushing mounting screws to complete the installation.

### Easy Removal

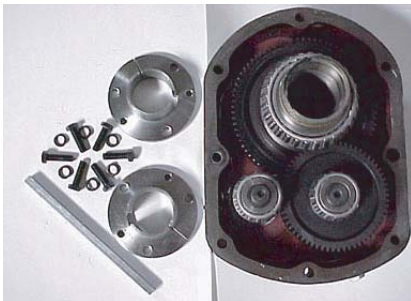
The torque arm screws double as jacking screws, so no puller is required. Just remove the bushing mounting screws and insert them into the tapered holes in the bushing flanges. Once tightened, the reducer should slide easily off of the shaft.

### Flexibility

Mounting versatility enables these torque arm reducers to be positioned anywhere along the driven shaft in horizontal, vertical and inclined positions for greater installation ease.

### Heavy Duty Cast Housing

The cast, corrosion resistant, ductile iron housings are precision machined. A ribbed housing construction provides strong, rigid support for bearings and gearing. This design also channels oil to all bearings for superior lubrication and extended operating life.



Distributed by:



## Features

- Double lip seals retain oil while locking out dirt.
- Helical gear tooth design maximizes the power transfer efficiency.
- Twin taper bushings eliminate play between the reducer and shaft. No set screws to score, mar or gouge the shaft.
- Twin tapered bushings make these reducers the optimal gearboxes for use on conveyors, mixers, and packing machinery.
- The reducer mounts directly on the driven shaft, eliminating the need for a coupling or chain drive, sliding motor base, and support structure. There are no alignment problems.

## Available Sizes

315	415	515	615	715
325	425	525	625	725

## Other Considerations

- One Year Warranty
- Quick Deliveries
- Off-the-shelf parts
- Nationwide distribution
- Superior Quality
- Low Price Guarantee

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## Speed Reducer and Motor Mount Dimensional Information

### Reducer Dimensions

	3	4	5	6
A	9.25	10.38	13.13	15.13
B	2.33	2.76	3.04	4.09
C	4.84	5.50	6.56	7.56
D	4.17	4.79	5.67	6.73
E	12.88	15.13	18.31	21.31
F	26.94-32.94	29.19-35.19	29.19-35.19	29.19-35.19
G	3.00	4.00	4.00	4.75
H	4.78	5.53	6.43	7.88
I	9.22	9.98	10.52	11.53
J	5.63	6.13	6.31	6.88
K	2 3/16	2 7/16	2 15/16	3 7/16
L	3.30	3.14	4.45	4.57
M	4.52	4.79	5.05	5.73
N	1.25	1.44	1.44	2.75
O	1.06	1.75	1.75	2.00
P	4.34	5.57	5.74	6.08
R	4.38	4.81	5.63	6.13
S	2.34	3.44	3.44	3.73
T	1.50	1.75	1.81	1.81
U	0.44	0.50	0.50	0.63

**Size 3** 1.25 Diameter Shaft; .25 x .13 x 2.88 Keyed Shaft

**Size 4** 1.44 Diameter Shaft; .38 x .19 x 4.06 Keyed Shaft

**Size 5** 1.94 Diameter Shaft; .50 x .25 x 4.50 Keyed Shaft

**Size 6** 2.19 Diameter Shaft; .50 x .25 x 4.50 Keyed Shaft

### Motor Mount Dimensions

	3	4	5	6
A	14.63	18.63	18.63	20.50
B	11.00	17.00	17.00	18.50
C	13.50	17.50	17.50	19.25
D	9.25	14.25	14.25	16.50
E	11.59-15.78	11.96-16.73	12.53-17.28	14.56-19.31
F	1.62	1.78	1.84	1.84
G	12.00	15.50	15.50	17.50
H	4.25	4.63	4.13	4.50
J	5/8 x 7	3/4 x 8	3/4 x 8	3/4 x 8
K	4.88	6.13	6.65	7.31

### Standard Bushing Kits

	1-15/16	2-3/16	2-7/16	2-15/16	3-7/16
<b>Size 3</b>	X	X			
<b>Size 4</b>		X	X		
<b>Size 5</b>			X	X	
<b>Size 6</b>				X	X

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