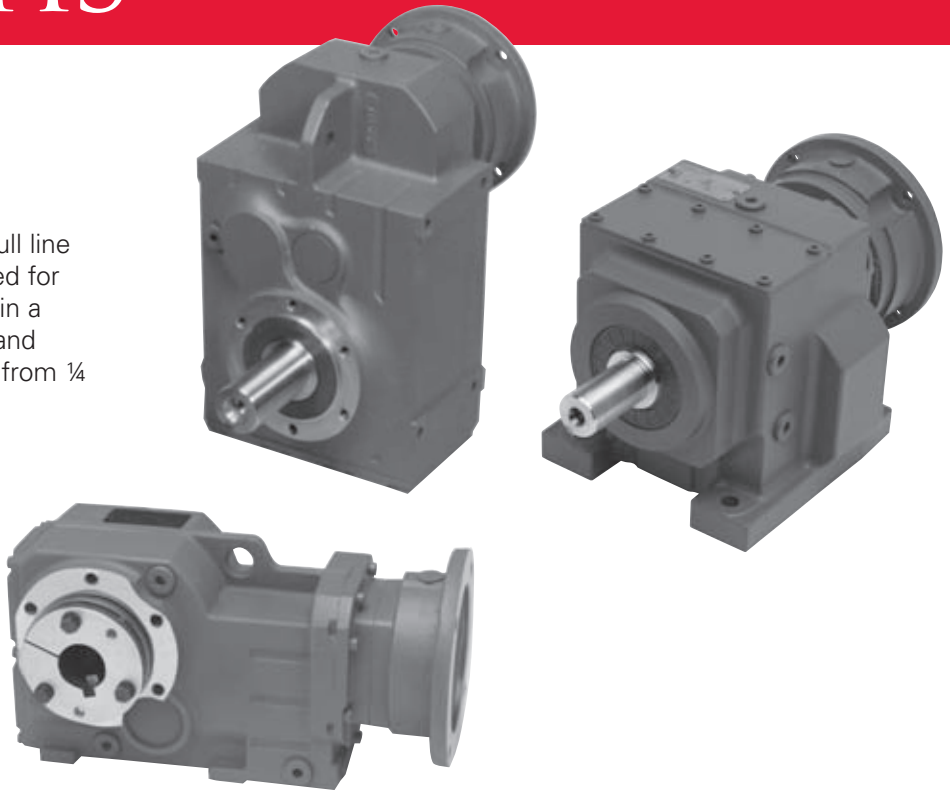


DODGE® QUANTIS® Modular Gearing Solutions

The DODGE QUANTIS offers a full line of modular gear drives engineered for flexibility, greater torque density in a compact housing configuration, and increased horsepower capability from ¼ HP to 75 HP.



Standard and Optional Features:

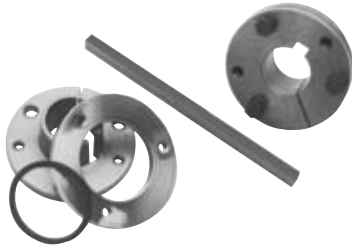
- Available in Right Angle Helical Bevel (RHB), In-Line Helical (ILH), and Motorized Shaft Mount (MSM) configurations.
- Eight sizes (38 through 168)
- Four input configurations including integral motor, c-face clamp collar, three piece coupled c-face motor adapter, and separate units.
- Case carburized gearing insures longer life to reduce unscheduled downtime.
- ILH and MSM are 98.5% efficient per stage of reduction
- RHB is 95% efficient
- Designed to achieve greater output torque ratings, increased horsepower ratings and expanded ratio range
- Two housing designs – foot mounted and flange mounted
- Multiple output shaft options in both inch and metric
- Factory filled with oil prior to shipment

DODGE QUANTIS Twin Tapered Bushing System:

The DODGE QUANTIS MSM and RHB Speed Reducers with Twin Tapered Bushings are now available.

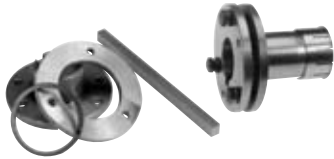
This exclusive feature was first introduced in our TORQUE-ARMTM Speed Reducers over 30 years ago. This quality aspect revolutionized the shaft mount reducer concept by insuring that DODGE Shaft Mounted Reducers would not seize to the customer's driven shaft. QUANTIS MSM and RHB Speed Reducers with Twin Tapered Bushings provide positive, easy-on, easy-off mounting for all reducer sizes from fractional to 75 HP. A tapered bore in both sides of the reducers output hub snugs up against a matching taper on the outer surface of the bushing...Twin Tapered.

OPTIONAL QUANTIS ACCESSORIES



STANDARD TWIN-TAPERED BUSHING KIT

Is an easy on, easy off, no wobble bushing system featuring a fully split, ductile iron 8-degree taper and reliable twin support. Available in inch and metric bores.



SHORT SHAFT BUSHING KITS

Eliminates the need for full length shafts. Constructed with ductile iron, it has all the features of our standard bushing system. Available in both inch and metric bores.



BACKSTOP OPTION

Helps prevent reverse rotation in high stop-start loads, and results in less wear and longer life. It's centrifugal throw out design eliminates sprag sliding and reduces wear. It operates with standard and EP lubricants and requires no external lubrication. For use with three piece coupling and separate inputs.



XT-HARSH DUTY SEAL

Quadra-Lip design with rubber coated inner and outer ring.



CEMA ADJUSTABLE PACKING ADAPTER

Provides a proven sealing option for hostile environments. Packing can be retightened.



CEMA SCREW CONVEYOR DRIVE SHAFT

Is made from high alloy steel and engineered to CEMA dimensions. They are three bolt drilled and their tapered fit ensures simple installation. The rugged locking plate also provides a mechanical shaft removal feature.



ILH ADJUSTABLE SLIDE BASES

Positions the reducer, providing simplified installation and servicing of the belt and chain drives. Position changes to obtain the desired belt or chain tension are easily accomplished by using the supplied adjusting screw.



RHB TORQUE ARM BRACKET

For RHB Shaft Mounted Applications utilized with BF style reducers.

MSM RUBBER BUSHING KIT

For MSM Shaft Mounted Applications



BALDOR

World Headquarters

P.O. Box 2400, Fort Smith, AR 72902-2400 U.S.A., Ph: (1) 479.646.4711, Fax (1) 479.648.5792, International Fax (1) 479.648.5895

Baldor - Dodge

6040 Ponders Court, Greenville, SC 29615-4617 U.S.A., Ph: (1) 864.297.4800, Fax: (1) 864.281.2433

www.baldor.com