

TorqTaper® Plus Shaft Mounted Reducers

Browning®



Browning® gearboxes are designed with a systematic approach for maximum life in rugged industrial environments.

Heavy-Duty Components

The Browning TorqTaper Plus speed reducer is built around AGMA class 12 gearing and employs tapered roller bearings on all shafts.

Enhanced Sealing System

Since contaminants are constantly on the attack against oil seals and lubricants, the TorqTaper Plus is protected by a patented triple seal system that extends the life of the bearings and gears.

Patented Mounting System

The TorqTaper Plus mounting system is based on a single tapered bushing for straightforward, error-free installation and removal. This system requires no special tools and is designed for simplicity in limited work spaces. These design features work in concert to help provide you with maximum uptime and minimal maintenance.

Innovative Input Configurations

TorqTaper Plus shaft mounted speed reducers are also available with c-face and hydraulic input configurations for use in a variety of applications.


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Industrial Automation

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AGMA Class 12 Gearing and Tapered Roller Bearings

Helical gearing is cut to AGMA Class 12 and keyed to all shafts. All shafts utilize tapered roller bearings.



Patented Barrier Seal

Design offering triple protection on all input and output shafts

- Rotating outer flinger slings away contaminants
- V-ring face seal with a grease-filled labyrinth
- Final protective layer – spring loaded, double-lipped contact seal

Single Bushing System

TorqTaper® Plus features a patented, reversible, single bushing system that easily installs from either side of the reducer. The bushing system includes an optional end cap cover and stabilizer ring to reduce shaft mount wobble, prolonging gearbox life.



Choose Browning® TorqTaper Plus Shaft Mounted Speed Reducers

Browning®

Emerson Industrial Automation
Power Transmission Solutions

Telephone 1-800-626-2120

www.emerson-ept.com

Additional Features and Benefits:

- C-face and hydraulic TorqTaper Plus reducers eliminate belt guards, belt drives and motor mounts
- Increased horsepower ratings allow downsizing in many applications
- Available in a wide variety of ratios: 5, 9, 15, 25 and 35:1
- Improved backstop design uses an inner race for easy installation and removal
- Increased input shaft diameters; higher overhung load ratings
- All three versions of the standard shaft mount convert to a screw conveyor drive using stock components
- Standard two-year warranty

APPLICATION CONSIDERATIONS

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