

# Torque-Arm II

## Shaft Mount Gear Reducer

Torque-Arm II shaft mount reducers deliver a longer life in demanding applications. Torque-Arm II is designed with a patented harsh-duty sealing system, twin-tapered bushings, and the highest torque rating per case size. It provides maximum reliability with less maintenance to increase operating time and lower your total cost of ownership.

### Why Torque-Arm II?

#### Easy to use

- Flexible mounting to minimize inventory including shaft mount, flange mount, and screw conveyor drives
- Features twin-tapered bushing system that makes installation and removal quick and easy

#### Availability

- Available in 12 case sizes up to 400 Hp (300 kW)
- Torque ratings through 500,000 lb-in (56,500 Nm)
- Accommodates shaft sizes up to 7 in (160 mm)
- Warranty coverage is 36 months from date of manufacture or 18 months in service



### Safety first with Inboard Shaft Guard

Our safety bushing covers are made from a heavy-duty ABS polymer. It covers the shaft between the gearbox and bearing. They are available individually or as a kit. It's trimmable to 1 in increments and adjustable to ¼ in to fine tune.



### ATEX Certified

Environments that are mildly explosive become safer with use of ATEX certified reducers.

### NEW TA II safety belt guard

Designed to protect workers from rotating equipment, the Dodge Torque-Arm II belt guard has been enhanced with features that increase safety and reduce operating costs. Maintenance crews can now easily inspect v-belts mounted in the most common mounting positions, while following MSHA/OSHA regulations.

# Torque-Arm II

## Shaft mount speed reducer accessories

### Belt guard package

Allows for multiple height adjustments, featuring a lift-off cover construction.

### Motor mount

Provides stable mounting between motor and reducer to minimize overhung load and withstand heavy shock loading.

### Twin tapered bushing

Easy on, easy off assembly providing reliable support on both sides of reducer. Available for shorter shafts when replacing a single-bushed or straight-bore reducer.



### Backstop

Safety feature that prevents reverse rotation when system stops. Compatible with standard and EP lubricants without requiring external lubrication.



### Hydra-lock breather

To be used in humid or dusty environments, this optional breather's check valve system prevents ambient conditions and improves positive maintenance practices.

### Tie rod kit

Provides a safety link between reducer and structure to prevent system rotation. Standard rods and turnbuckles are now zinc coated for corrosion resistance.

### Screw conveyor drive package

Torque-Arm II uses a CEMA screw conveyor adapter. It's available with multiple diameter driveshafts to match CEMA screw dimensions.

