

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.



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