

GEARING

Enhanced TXT™

Upgraded to maximize uptime and safety

New!



Imitation is the sincerest form of flattery

Torque-Arm, the original shaft-mount reducer now known as TXT, set the industry benchmark that other shaft-mounted reducers strive to be.

The new, enhanced TXT (TXT-E) raises the bar and sets an even higher standard for performance and safety with an improved backstop and ready-to-install bushing covers and shaft guards.

New features

Improved backstop

Increased holding power

- At least double the holding power than previous generations

Extreme pressure (EP) lubricant compatible

- The only reducer backstop designed to operate with EP lubricant to minimize the wear of internal components, extending product life

Lift-off sprag design

- Optimized for wear-free operation for long-lasting performance

Discover which backstops, bushing covers, and shaft guards are available for your reducer.



Bushing covers

Increased safety

- Protects workers from rotating equipment

Enhanced protection

- Blocks contamination and protects seals to extend product life, saving you money

Ready to install

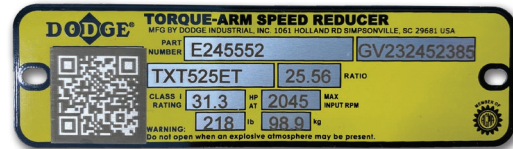
- Pre-drilled and tapped gearcase allows you to attach covers without any modifications



Digitized nameplate

Part numbers with “E”

- The “E” in the part number represents the next generation of TXT with enhanced features that make it safer and stronger



QR code

- Access product resources, like instruction manuals and videos, easier than ever through the nameplate QR code

Shaft guards

Designed for safety

- Helps eliminate violations and reduces on-site risks, meeting Occupational Safety and Health Administration (OSHA) guidelines

Easy installation

- Can be installed with basic hand tools
- Length can be easily customized to fit a variety of applications



Sensor ready

Remote monitoring

- Utilizes Dodge® sensors to remotely monitor gearbox health with OPTIFY™, eliminating risk and improving on-site safety



With OPTIFY, you can gain valuable insights to make better-informed operations decisions to mitigate unplanned downtime, improve reliability, and reduce expenses.



Legacy to legendary

Dodge invented the concept of shaft mounting a reducer to eliminate the number of components needed to connect driven equipment, debuting the original TXT in 1949.

Later, in 1972, TXT was the first with twin-tapered bushings, which provide a variety of premier benefits:

- Streamlines installation and removal
- Mitigates shaft-to-reducer fretting
- Eliminates eccentricity and wobble

Leveraging 70 years of design expertise, the newest generation of TXT offers a level of safety unmatched in the industry.

Just as previous versions, TXT-E continues to be manufactured in the US and is engineered to keep your operations running smoothly, even in the most extreme environments.

1949

Torque-Arm

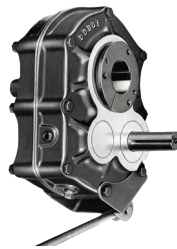
Shaft-mounted reducer
invented by Dodge



1972

TDT

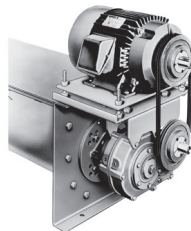
Twin-tapered
bushings innovation



2023

TXT-E

Continuous innovation with
backstop and safety guards



1962
SCD

Screw conveyor
drive developed



1983
TXT

Engineering improvements
and reducer evolution - A, B, and C



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