





RANGE
PARAFLEX®
PX-50

THE DODGE COUPLING FAMILY

Uniquely engineered to dampen torsional vibration, handle unavoidable misalignment, and resist catastrophic failure.

Continuing our long-standing tradition of developing products that improve the performance and total cost efficiency of our customers' operations, we are proud to offer a complete family of DODGE® couplings.

Exclusive to Baldor Electric Company and our DODGE brand, these couplings include product features and performance capabilities that increase bore size, improve torque capacity, speed installation, reduce maintenance, and lower the total cost of ownership.

No other manufacturer can offer you the variety of coupling designs, sizes, and options we can. Nor can any other supplier provide you with the

knowledge and experience we have gained from 100-plus years of application expertise. We were the first to develop the industry's only elastomeric shear-type coupling—the original DODGE PARAFLEX®—and we remain the only resource today who can offer you a five-year limited warranty on couplings in the elastomeric family.

With DODGE and Baldor Electric Company, you get elastomeric or metallic coupling solutions you can trust from a time-tested supplier. With their built-in ability to solve problems, DODGE couplings can withstand the toughest applications and processes, performing reliably and efficiently long after other couplings have failed.



DODGE STANDARD PARA-FLEX COUPLINGS

FINISHED BORE COUPLINGS

The finished bore flange design allows you to downsize your coupling selection for greater cost savings. Plus, with its built-in, factory assembled features, the FBX design ensures long service life, eliminates loose parts, and reduces maintenance requirements.

TAPER-LOCK COUPLINGS

The TAPER-LOCK flange design uses standard TAPER-LOCK bushings and accommodates a wide range of bore sizes. Quick, easy installation and removal with minimal shaft damage help reduce maintenance time and costs.

BORED-TO-SIZE (BBS) AND MILL MOTOR TAPER (TBS) COUPLINGS

These steel flange assemblies are designed to accommodate larger bore sizes than TAPER-LOCK style couplings, while still providing the industry-leading misalignment capabilities. The TBS style is designed to fit ANSI 600 or 800 Series mill motors. And both BBS and TBS model couplings are available in a piloted design for use in floating shaft applications.

HIGH SPEED PARA-FLEX AND FLYWHEEL PARA-FLEX COUPLINGS

These performance-proven couplings are designed for applications with speeds up to 6000 RPM. They work with almost any power source, including internal combustion engines, and can accommodate angular misalignment up to 1°, parallel misalignment up to 1/16", and end float of 3/32".

PRE-ASSEMBLED SPACER FLANGES

The coupling's factory-assembled spacer center drops in and drops out for easy installation and removal. The spacer design accommodates a wide range of between-shaft-end lengths for greater versatility.

DODGE PARA-FLEX Couplings will accommodate up to 11" bores and 453,000 in. lbs. of torque.



DODGE PARA-FLEX ELEMENTS

SUPERIOR DESIGN PROVIDES ADVANTAGES OVER OTHER RUBBER OR POLYURETHANE ELEMENTS

DODGE PARA-FLEX elements are manufactured with reinforced fabric tension cords throughout the center of the rubber, with uniform and centered beads at the edge of the rubber element. This helps to prevent tire pull-out from the flanges, provides increased reliability, limits untimely catastrophic failures and provides replacement warning signs. Additionally, DODGE PARA-FLEX elements are reinforced at the split to limit wear.

TORSIONALLY SOFT RUBBER PROTECTS CONNECTED EQUIPMENT

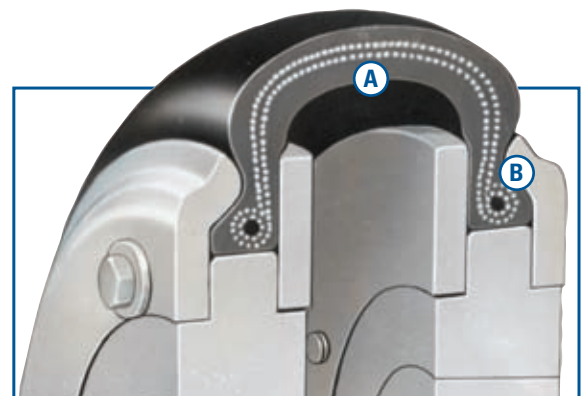
The flexible design of the DODGE PARA-FLEX element is crucial in preventing damage to connected equipment in harsh-running environments. The torsional softness is instrumental in dampening vibrations and absorbing shock loads to the system, and it also requires less service factor than stiffer elements.

INDUSTRY LEADING MISALIGNMENT CAPABILITIES

DODGE PARA-FLEX elements provide accommodation of shaft misalignment during installation, running-time, and replacement better than other elastomeric elements. With an industry-leading combined 4° angular, 1/8" parallel, and 5/16" end-float capability, you can be sure that PARA-FLEX couplings will perform in harsh environments, reducing valuable time needed for installation and maintenance.

LARGE INSTALLED BASE

With over 50 years of history and development, DODGE PARA-FLEX elements have the experience of providing reliable solutions in a wide range of industries and applications. DODGE PARA-FLEX Couplings carry an industry-leading 5-Year Limited Warranty.



- A** Fabric centered throughout rubber increases tire life.
- B** Uniformed and centered beads prevent tire from pulling out of flange.

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