



REXNORD VIVA flexible element standard version type V

Rexnord Viva Elastomeric Couplings

The most advanced elastomeric coupling available

Rexnord Viva Elastomeric Couplings feature a design based on the proven Rexnord Omega Couplings. Design upgrades to Viva allow for greater torque transmission with a smaller coupling. Incorporating the quality features of Omega, Rexnord Viva Couplings are non-lubricated, material-flexing split-in-half tire couplings. Viva Couplings are built for reliability in a variety of demanding applications including pumps, compressors, blowers, mixers, and more. This all-purpose coupling has excellent vibration damping capability helping to prolong the life of connected equipment.

Characteristics

Series: VIVA

Type: V

Technical Information

- Easy replacement without moving the hubs or connected equipment.
- Capscrews are easily accessible in tight spaces.
- Optimal tensile strength and fatigue resistance.
- Excellent chemical and environmental aging resistance.
- No lubrication required.
- Protects equipment by cushioning shock loads and dampening torsional vibration.
- Accommodates unavoidable misalignment with low reactionary forces.
- No need for coupling disassembly to inspect.
- Close-coupled and spacer coupling hubs are identical allowing reduced inventories.

Construction

- Split-in-half flex element design.
- Radial bolting
- Special formulated polyurethane flex element
- Torsionally soft
- High misalignment capacity
- Visual inspection
- Interchangeable hubs

Options

Viva close-coupled (V) elastomeric coupling consists of the unique split-in-half flex element and reversible hubs. Supplied with metric fasteners

- Hubs offered in rough bore, custom bore, and bushed designs.
- Connects equipment with shaft gap (distance between shaft end) up to 5.2" [132 mm].
- Accommodates shaft diameters up to 6.5" [165 mm].
- Continuous torque loads up to 55,494 lb-in [6,270 Nm] Available in 12 sizes ranging from 110 through 460.

Type	Size	Material	Article
Flexible element	110	Polyurethane	23358317
Flexible element	125	Polyurethane	23358318
Flexible element	130	Polyurethane	23358319
Flexible element	150		14298016
Flexible element	170	Polyurethane	23358320
Flexible element	190	Polyurethane	23358321
Flexible element	215	Polyurethane	23358322
Flexible element	245	Polyurethane	23358323
Flexible element	290	Polyurethane	23358324
Flexible element	365		12644792
Flexible element	425		12742340
Flexible element	460		12742341

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