



REXNORD VIVA flexible element extended spacer version type VSX

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: VSX

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 extended spacer (VSX) elastomeric coupling with unique split-in-half flex element and reversible hubs for longer shaft gaps.

- 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 11.8" [300 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 VSX110 through VSX460.
- Optional hole mounting positions and reversible hubs accommodate for most shaft spacing requirements.

Type	Size	Material	Article
Flexible element	110	Polyurethane	12105937
Flexible element	125	Polyurethane	12105953
Flexible element	130	Polyurethane	12105845
Flexible element	150	Polyurethane	12105956
Flexible element	170	Polyurethane	12105850
Flexible element	190	Polyurethane	12106105
Flexible element	215	Polyurethane	12106122

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Type	Size	Material	Article
Flexible element	245	Polyurethane	12106131
Flexible element	290	Polyurethane	12106136
Flexible element	365	Polyurethane	12106137
Flexible element	425	Polyurethane	12106138
Flexible element	460	Polyurethane	12106139

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