



Rexnord Viva® V

Precision. Power. Performance.

You want a trusted name when it comes to providing engineered power transmission products that improve productivity and efficiency. Rexnord provides superior products for your industrial applications world wide. We work closely with you to reduce maintenance costs, eliminate redundant inventories and prevent equipment downtime.

Applications include:

- ▶ pumps
- ▶ compressors
- ▶ industrial fans
- ▶ mixers

Rexnord Viva® V

The Rexnord Viva is a unique general purpose elastomer coupling with split element design providing easy assembly and replace-in-place service. Available in close coupled and spacer designs. These unique designs permits faster installation and reduced inventories by providing multiple distance between shaft ends using the same elements and hubs. Rexnord Viva V design is use on close coupled applications.



Ex II 2GD T5

Rexnord Viva® V

Features

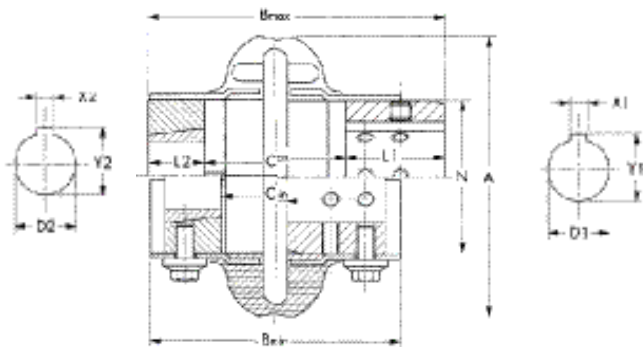
- ▶ Split-In-Half Element
- ▶ Torsionally Soft
- ▶ Interchangeable Hubs

Benefits

- ▶ Ease of installation
- ▶ Visual inspection
- ▶ Excellent vibration damping
- ▶ Low inventory requirements



Taper Bush hub Finished bore hub



| Torque Demands Driven Machine | Typical Application for Electric Motor or Turbine Driven Equipment | Typical Service Factor |
|-------------------------------|---|-----------------------------|
| | Constant torque such as centrifugal pumps blowers and compressors | 1.0 |
| | Continuous duty with some torque variations including plastic extruders and forced draft fans | 1.5 |
| | Light shock loads from metal extruders, cooling towers and log haulers | 2.0 |
| | Moderate shock loading as expected from a car dumper, stone crusher, vibrating screen | 2.5 |
| | Heavy shock load with some negative torques from reciprocating pumps, compressors, reversing turnout tables | 3.0 |
| | Frequent torque reversals such as reciprocating compressors with frequent torque reversals which do not necessarily include reverse rotations | Consult Rexnord Engineering |

| Viva size | Tnom Nm | n max min-1 | D1 Dmax mm | D2 | | A mm | B min. mm | B max. mm | C(1) | | C(2) | | L1 mm | L2 mm | N | m* kg | J* kgm |
|-----------|---------|-------------|------------|-----------|---------|------|-----------|-----------|---------|---------|---------|---------|-------|-------|-----|-------|---------|
| | | | | Bush size | Dmax mm | | | | min. mm | max. mm | min. mm | max. mm | | | | | |
| 110 | 62 | 5 400 | 38 | 1108 | 28 | 110 | 97 | 132 | 9 | 55 | 41 | 55 | 38 | 22 | 60 | 1,4 | 0,00123 |
| 125 | 105 | 5 400 | 42 | 1108 | 28 | 125 | 98 | 132 | 9 | 55 | 41 | 55 | 38 | 22 | 70 | 1,7 | 0,00202 |
| 130 | 164 | 5 100 | 55 | 1310 | 35 | 130 | 97 | 142 | 7 | 55 | 35 | 55 | 41 | 25 | 80 | 2,1 | 0,00310 |
| 150 | 250 | 4 800 | 65 | 1610 | 42 | 150 | 111 | 156 | 9 | 60 | 54 | 66 | 51 | 25 | 95 | 4,2 | 0,00900 |
| 170 | 308 | 4 800 | 65 | 1610 | 42 | 170 | 111 | 156 | 9 | 60 | 54 | 66 | 51 | 25 | 95 | 4,3 | 0,00931 |
| 190 | 412 | 4 600 | 75 | 2012 | 50 | 190 | 116 | 164 | 7 | 60 | 47 | 60 | 52 | 32 | 114 | 5,5 | 0,0173 |
| 215 | 662 | 4 300 | 80 | 2517 | 60 | 215 | 134 | 191 | 11 | 64 | 51 | 61 | 64 | 45 | 140 | 10 | 0,0303 |
| 245 | 938 | 4 100 | 95 | 3020 | 75 | 245 | 137 | 202 | 7 | 73 | 50 | 57 | 65 | 51 | 171 | 14 | 0,076 |
| 290 | 1412 | 3 900 | 110 | 3020 | 75 | 290 | 153 | 241 | 8 | 94 | 40 | 87 | 73 | 51 | 215 | 25 | 0,192 |
| 365 | 3200 | 3 600 | 127 | 3535 | 90 | 365 | 200 | 311 | 20 | 131 | 20 | 131 | 90 | 90 | 235 | 42 | 0,373 |
| 425 | 5580 | 2 000 | 155 | 4040 | 100 | 425 | 247 | 361 | 19 | 133 | 44 | 132 | 114 | 102 | 285 | 85 | 1,180 |
| 460 | 6270 | 2 000 | 165 | 4545 | 110 | 460 | 267 | 380 | 19 | 132 | 38 | 132 | 124 | 114 | 302 | 93 | 1,720 |

*weight and inertia with maximum bore and key way • Dimension (C1) finished bore hubs - C(2) with Taper Bush hubs



REXNORD NV, Belgium

Dellingstraat 55

2800 Mechelen

Phone: +32 / 15 44 38 11

Fax: +32 / 15 44 38 60

E-mail: CSB@rexnord.com

www.rexnord.eu

Contact