



**Design Features include:**

- Replace-in-place design allows quick & easy element replacement without having to move the hubs
- High capacity ratings at a very competitive price
- Polyurethane element has excellent wear and chemical resistance and an operating temperature range of -40°F to 200°F

**Applications:**

- Pumps
- Compressors
- General Purpose Machinery

**Industry Compliant:**

- ATEX II 2GD c T5

# Rexnord Falk Wrapflex Elastomer Coupling

**Customer-focused solutions.**

**Reliable Performance.**

**Trusted Brands.**

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.

**Falk Wrapflex®**

Low cost elastomer in shear with replace-in-place element. Easy installation and service without need to move hubs or connected equipment.

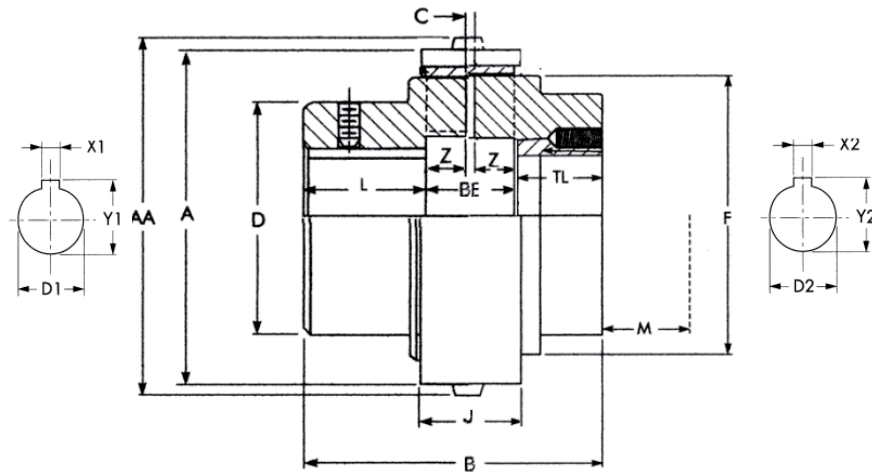
Falk® is a Rexnord brand.



ATEX II 2GD c T5



| 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 |



| Wrapflex size | T <sub>nom</sub> Nm | n max min-1 | D1      |               | D2      |          | A        |          | AA       |        | B      |       | C | D   | L   | TL  | M   | F   | Z  | m*       |          |
|---------------|---------------------|-------------|---------|---------------|---------|----------|----------|----------|----------|--------|--------|-------|---|-----|-----|-----|-----|-----|----|----------|----------|
|               |                     |             | max. mm | Taper bush mm | max. mm | Nylon mm | Steel mm | Nylon mm | Steel mm | (1) mm | (2) mm | BE mm |   |     |     |     |     |     |    | Nylon kg | Steel kg |
| 5R            | 62                  | 4 500       | 38      | 1108          | 28      | 81       | 81       | 77       | 77       | 72     | 65     | 20    | 2 | 60  | 26  | 23  | 19  | 64  | 9  | 1,3      | 1,5      |
| 10R           | 130                 | 4 500       | 48      | 1210          | 32      | 95       | 95       | 91       | 91       | 90     | 90     | 24    | 2 | 72  | 34  | 33  | 27  | 76  | 11 | 2,5      | 2,7      |
| 20R           | 320                 | 4 500       | 60      | 1610          | 40      | 132      | 130      | 126      | 98       | 124    | 98     | 32    | 2 | 92  | 45  | 33  | 27  | 102 | 15 | 5,6      | 6,1      |
| 30R           | 520                 | 4 500       | 65      | 2012          | 48      | 153      | 149      | 147      | 143      | 152    | 120    | 36    | 2 | 105 | 58  | 42  | 35  | 118 | 17 | 9,4      | 10       |
| 40R           | 1 030               | 3 600       | 85      | 2517          | 60      | 190      | 185      | 182      | 177      | 181    | 139    | 47    | 5 | 130 | 67  | 46  | 42  | 150 | 21 | 17       | 18       |
| 50R           | 2 500               | 3 000       | 105     | 3020          | 75      | 239      | 232      | 231      | 224      | 215    | 171    | 61    | 5 | 170 | 77  | 55  | 53  | 190 | 28 | 34       | 36       |
| 60R           | 4 000               | 2 500       | 135     | 4030          | 100     | -        | 278      | -        | 267      | 275    | 245    | 75    | 5 | 200 | 100 | 85  | 86  | 228 | 35 | -        | 62       |
| 70R           | 8 000               | 2 100       | 160     | 4535          | 110     | -        | 321      | -        | 310      | 324    | 264    | 84    | 5 | 227 | 120 | 90  | 104 | 270 | 40 | -        | 98       |
| 80R           | 15 000              | 1 800       | 190     | 5040          | 125     | -        | 381      | -        | 370      | 376    | 305    | 97    | 6 | 270 | 140 | 104 | 123 | 328 | 45 | -        | 165      |

\*Weight (m) on maximum bore and key way • Dimension B(1), D1 finished bore hubs - B(2), D2 with Taper Bush hubs