



Wrapflex® R10

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
- ▶ general purpose machinery

Rexnord® Wrapflex® R10

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

Falk is a Rexnord brand.



ATEX Certified II 2GD c T5

Wrapflex® R10

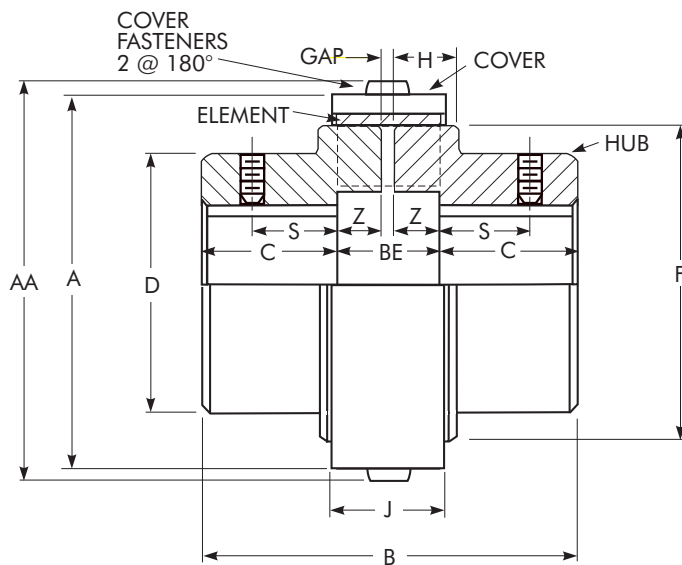
Features

Torsionally Soft
Patented Design

Shear Design

Benefits

- Vibration damping
- Replace-in-Place element
CRR - Increased flexibility
Low Life time costs
- Protects connected equipment



Torque Demands Driven Machine	Typical applications 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, Forced Draft Fans.	1.5
	Light shock loads from Metal Extruders, Cooling Towers, Cane Knife, Log Haul.	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 Roughing Mills, Reciprocating Pumps, Compressors, Reversing Runout Tables.	3.0
	Applications like Reciprocating Compressors with frequent torque reversals, which do not necessarily cause reverse rotations.	Consult Rexnord Engineering

SIZE ~	Torque Rating (Nm)	Max Speed (n/min)	Max Bore (mm)			Coupling		A				AA		B (mm)	BE (mm)	C (mm)	D (mm)	F (mm)	H (mm)	J		S (mm)	Z (mm)	Gap (d.b.s.e)	Cover	
						weight/kg	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)							(mm)	(mm)				(mm)	(mm)
				Nylon	Steel									Nylon	Steel	Nylon	Steel	Nylon	Steel			Nylon	Steel	Nylon		
5R	62	4 500	38			1.34	1.48	76.5	76.5	80.5	80.5	72.0	20.0	26	60	64	15.0	23.0	23.0	15.9	9.0	2.00	M4	M2.5		
10R	130	4 500	48			2.48	2.70	90.5	90.5	94.5	94.5	92.0	24.0	34	72	76	19.0	28.0	28.0	22.2	11.0	2.00	M4	M2.5		
20R	315	4 500	60			5.59	6.07	126.0	124.0	132.1	130.1	122.0	32.0	45	92	102	25.0	37.1	37.1	25.4	15.0	2.00	M6	M4		
30R	520	4 500	65			9.37	10.0	146.5	143.0	152.6	149.1	152.0	36.0	58	105	118	29.0	42.0	41.6	31.8	17.0	2.00	M6	M4		
40R	1 020	3 600	85			17.1	18.1	182.4	177.0	190.0	185.0	181.0	47.0	67	130	150	34.0	54.5	53.0	41.3	21.0	5.00	M8	M5		
50R	2 500	3 000	105			33.7	35.6	231.0	224.0	239.0	232.0	215.0	61.0	77	170	190	46.0	69.5	67.2	44.5	28.0	5.00	M8	M5		
60R	4 000	2 500	133			...	62.4	...	267.0	...	278.0	275.4	75.4	100	200	228	60.2	...	67.0	...	35.2	5.00	M10	M6		
70R	8 000	2 100	156			...	98.2	...	310.0	...	321.0	324.4	84.4	120	227	270	69.7	...	75.0	...	39.7	5.00	M10	M6		
80R	15 000	1 800	186			...	165	...	370.0	...	381.0	376.8	96.8	140	270	328	83.4	...	85.0	...	45.4	6.00	M10	M6		