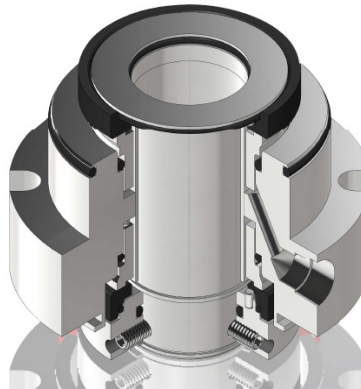


Roplan M36

Roplan
MECHANICAL SEALS

Features

- For bottom and top entry mixers
- Dual seal in back-to-back arrangement
- Can be operated pressurized and unpressurized (Plan 53 and Plan 54)
- Hygienic design
- Balanced
- Cartridge unit
- Pharma grade elastomers
- Certificate included



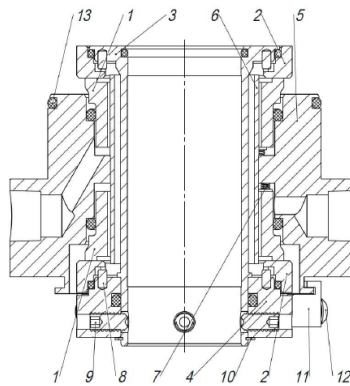
Benefits

- No dynamic O-ring in contact with shaft or shaft sleeve prevents damage and wear.
- Double balanced seal rings ensure seal can maintain seal integrity during pressure reversal.
- Stationary springs and dynamic O-ring means seal has higher tolerance for shaft deflection and misalignment.

Dual Mechanical Seal

Items, Description, Material

1. Seal ring – Carbon Graphite, Silicon Carbide, Tungsten Carbide
2. Mating ring – Silicon carbide
3. Sleeve – 316L SS
4. Drive Ring – 316L SS
5. Housing – 316L SS
6. Flowguide – 316 SS
7. Coil spring – Alloy C276
8. Pin – 316 SS
9. Set Screw – 316 SS
10. Retaining Ring – 302 SS
11. Setup clip – Aluminum alloy
12. Screw – 304 SS
13. O-Ring – EPDM, FKM, FFKM



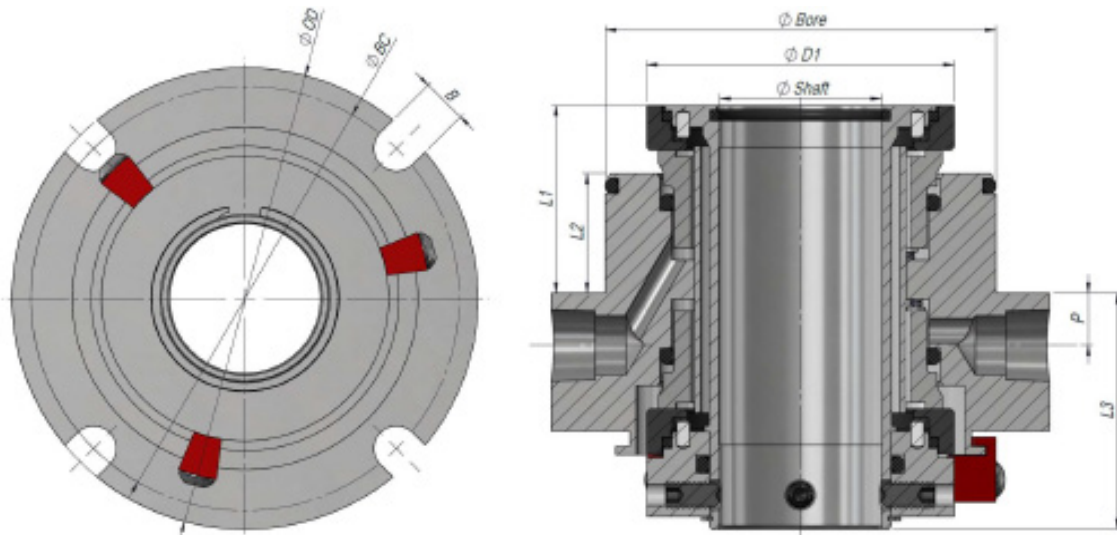
Performance

Shaft diameter: 1" to 3.5"
Temperature: -20°C to 180°C
(with FKM)
Pressure: 10 bar
Speed: 3600 RPM
Contact Roplan for more specific performance information.

Roplan
5020 World Dairy Drive, Madison,
WI 53718, USA

Tel. +1-608-229-5225
www.roplan.com

Dimensions



Shaft	Bore	D1	OD	L1	L2	L3	B	BC	P
1	3.125	2.354	4.125	1.765	1.125	2.219	0.453	3.750	0.492
1.25	3.375	2.604	4.375	1.765	1.125	2.219	0.453	4.000	0.492
1.5	3.625	2.854	4.625	1.765	1.125	2.219	0.453	4250	0.492
2	4.125	3.354	5.750	1.765	1.125	2.219	0.579	4.875	0.492
2.5	4.625	3.957	6.125	1.889	1.125	2.461	0.579	5.500	0.492
3	5.125	4.457	7.500	1.889	1.125	2.461	0.689	6.250	0.492
3.5	5.625	4.957	8.000	1.889	1.125	2.461	0.689	6.750	0.492

How to Order

Type	Size	Inner Seal			Outer Seal			Hardware
		Seal Ring	Mating Ring	Elastomer	Seal Ring	Mating Ring	Elastomer	
M36-	x-	x	x	x-	x	x	x-	x
	25.4 (1")	C (C)	S6 (SiC)	E7 (EPDM)	C (C)	S6 (SiC)	E7 (EPDM)	C (Complete Seal)
	31.75 (1.25")	S6 (SiC)		F7 (FKM)	S6 (SiC)		F7 (FKM)	
	38.1 (1.5")	T4 (WC-Ni)			T4 (WC-Ni)			
	50.8 (2")							
	63.5 (2.5")							
	76.2 (3")							
	88.9 (3.5")							

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