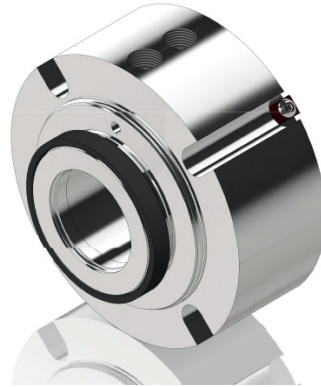


Roplan RT153 Dual

Roplan
MECHANICAL SEALS

Features

- For side entry agitator applications
- Externally mounted seal
- Balanced seal face design for vacuum conditions
- Non-rotating springs
- Flush port, and barrier/buffer inlet/outlet
- Pharma grade elastomers
- Cartridge seal design with setup clips included



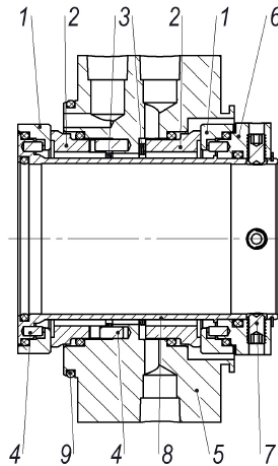
Benefits

- No dynamic O-ring in contact with shaft or shaft sleeve prevents fretting and wear.
- Seal has higher tolerance for shaft deflection and misalignment (up to 0.100" TIR).
- Exposed O-ring grooves improves cleanability.

Dual Mechanical Seal

Items, Description, Material

1. Seal Ring – See code
2. Mating Ring – See code
3. Coil Spring – 316
4. Pin – 316
5. Housing – 316L
6. Drive Ring – 316L
7. Set Screw – 316
8. Sleeve – 316L
9. O-rings – See code



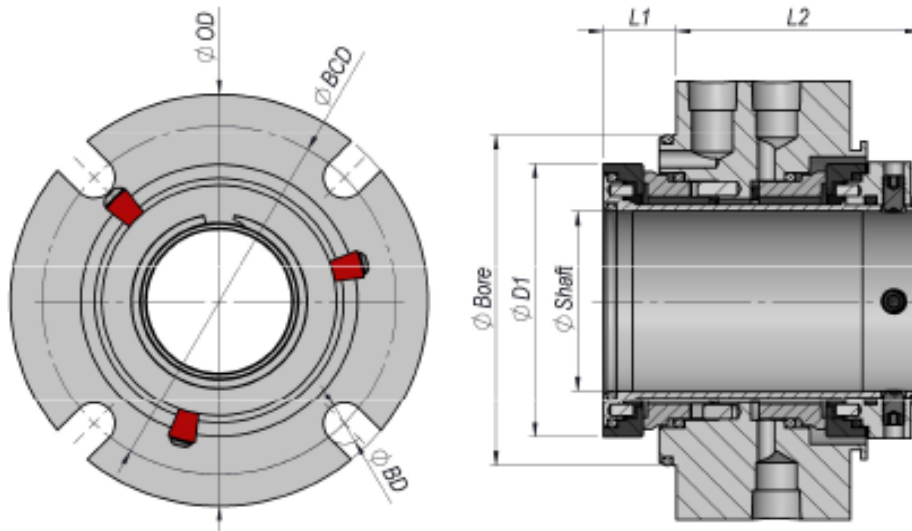
Performance

Shaft diameter: 1" to 3.5"
Temperature: -40°C (-40°F) to 200°C (390°F)
(depending on material)
Pressure: 300 psi
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



Dual							
Shaft Size	D1	Bore	OD	BCD	BD	L1	L2
1"	2.228	3.125	4.125	3.750	0.453	0.875	3.108
1.25"	2.478	3.375	4.375	4.000			
1.5"	2.728	3.625	4.625	4.250			
2"	3.228	4.125	5.750	4.875	0.579	1.000	3.350
2.5"	3.831	4.625	6.125	5.500			
3"	4.331	5.125	7.500	6.250	0.689	1.000	3.350
3.5"	4.831	5.625	8.000	6.750			

How to Order

Type	Size	Inner Seal			Outer Seal			Hardware
		Seal Ring	Mating Ring	Elastomer	Seal Ring	Mating Ring	Elastomer	
RT153	x	x	x	x	x	x	x	x
	25.4 (1")	S6 (SiC)	C (Carbon)	E7 (EPDM Pharma)	S6 (SiC)	C (Carbon)	E7 (EPDM Pharma)	C (Complete seal w/out Flush)
	31.75 (1.25")		S6 (SiC)	F7 (FKM Pharma)		S6 (SiC)	F7 (FKM Pharma)	CF (Complete seal w/ Flush)
	38.1 (1.5")		T4 (WC-Ni)	Y8 (FEPM)		T4 (WC-Ni)	Y8 (FEPM)	
	50.8 (2")							
	63.5 (2.5")							
	76.2 (3")							
	88.9 (3.5")							