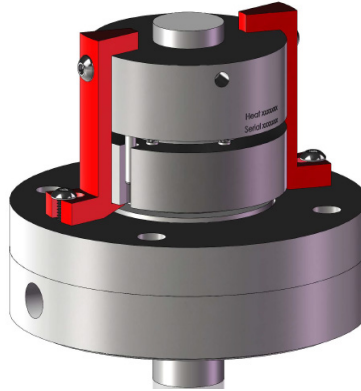


Roplan SDRA

Roplan
MECHANICAL SEALS

Features

- For dry running top entry agitator applications
- Externally mounted seal
- Product contact parts fully traceable
- Meets requirements of ASME BPE standard
- Suitable for CIP and SIP
- Suitable for vacuum conditions
- Pharma grade elastomers and seal faces as standard
- Polished and EP surface finish available upon request
- Setup clips included for ease of installation



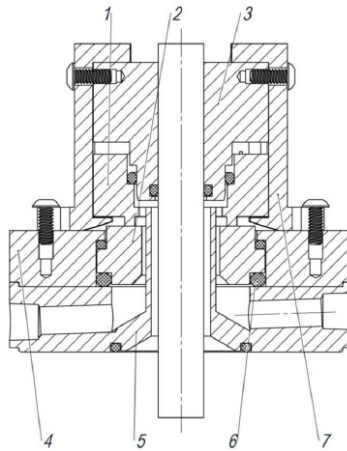
Benefits

- No dynamic O-ring in contact with shaft or shaft sleeve prevents fretting and wear.
- Proprietary carbon grades greatly reduce noise.
- Self-drainable debris well design. Available with hygienic clamp connections upon request.
- Seal has higher tolerance for shaft deflection and misalignment (up to 0.150" TIR).
- Exposed O-ring grooves improves cleanability.

Single Mechanical Seal

Items, Description, Material

1. Seal Ring – See code
2. Mating Ring – See code
3. Drive Ring – See code
4. Gland Ring – 316L
5. Debris Well – See code
6. O-Ring – See code
7. Setup Clip - Aluminum



Performance

Shaft diameter: 0.5" to 7"

Temperature: -45°C (-50°F) to 200°C (390°F) (depending on material)

Pressure: 13.8 bar

Speed: 1200 RPM

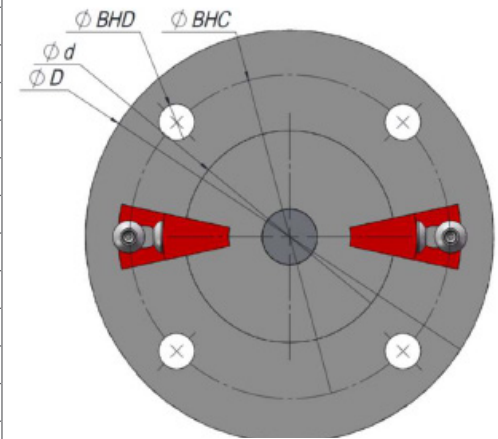
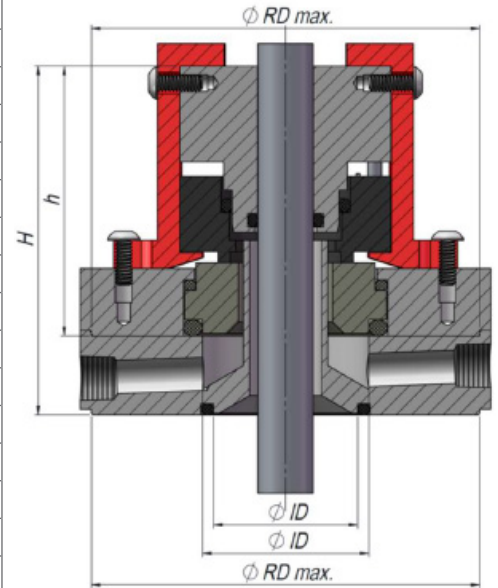
Contact Roplan for more specific performance information.

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

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

Dimensions

Shaft Size	D	d	h	H	ID	RD	BHD	BHC
0.5	4.5	2	2.25	3.88	1.5	4.25	0.41	3.5
0.625	4.625	2.125	2.375		1.625	4.375		3.625
0.75	4.75	2.25	2.5		1.75	4.5		3.75
0.875	4.875	2.375	2.625		1.875	4.625		3.875
1	5	2.5	2.75		2	4.75		4
1.125	5.125	2.625	2.875		2.125	4.875		4.125
1.25	5.25	2.75	3		2.25	5		4.25
1.375	5.375	2.875	3.125		2.375	5.125		4.375
1.5	5.5	3	3.25		2.5	5.25		4.5
1.625	5.625	3.125	3.375		2.625	5.375		4.625
1.75	5.75	3.25	3.5		2.75	5.5		4.75
1.875	5.875	3.375	3.625		2.875	5.625		4.875
2	6	3.5	3.75		3	5.75		5
2.125	6.125	3.625	3.875		3.125	5.875		5.125
2.25	6.25	3.75	4		3.25	6		5.25
2.375	6.375	3.875	4.125		3.375	6.125		5.375
2.5	6.5	4	4.25		3.5	6.25		5.5
2.625	6.625	4.125	4.375		3.625	6.375		5.625
2.75	6.75	4.25	4.5		3.75	6.5		5.75
2.875	6.875	4.375	4.75		3.875	6.625		5.875
3	7	4.5	5	4	6.75	6		
3.25	7.25	5	5.25	4.25	7	6.25		
3.5	7.5	5.25	5.5	4.5	7.25	6.5		
3.75	7.75	5.5	5.75	4.75	7.5	6.75		
4	8	5.75	6	5	7.75	7		
4.25	8.25	6	6.25	5.25	8	7.25		
4.5	8.5	6.25	6.5	5.5	8.25	7.5		
4.75	8.75	6.5	6.75	5.75	8.5	7.75		
5	9	6.75	7	6	8.75	8		
5.25	9.25	7	7.25	6.25	9	8.25		
5.5	9.5	7.25	7.5	6.5	9.25	8.5		
5.75	9.75	7.5	7.75	6.75	9.5	8.75		
6	10	7.75	8	7	9.75	9		
6.25	10.25	8	8.25	7.25	10	9.25		
6.5	10.5	8.25	8.5	7.5	10.25	9.5		
6.75	10.75	8.5	8.75	7.75	10.5	9.75		
7	11	8.75	9	8	10.75	10		



How to Order



Type	Size	Seal Ring	Mating Ring	Metal*	Elastomer	Surface Finish**	Configuration
SDRA	x	x	x	x	x	x	x
	050 (0.5")	C3 (Carbon)	S6 (SiC)	A4 (316L)	E7 (EPDM)	0 (32 μ-inch Ra)	--
	062 (0.625")	C9 (Carbon)	T4 (WC-Ni)	G2 (C276)	F7 (FKM)	1 (20 μ-inch Ra)	DW (Debris well)
	:	J6 (PTFE-Carbon)		A9 (AL6XN)	L7 (Silicone)	4 (15 μ-inch Ra + EP)	DH (Debris well with hygienic ports)***
	287 (2.875")			Other options available upon request	Q0 (FFKM)	A (20 μ-inch Ra + Pass)	
	300 (3")				Other options available upon request	D (15 μ-inch Ra + EP + Pass)	
	325 (3.25")						
	:						
	625 (6.75")						
	700 (7")						
*Product contact parts							
**Product contact surfaces							
***1/2" hygienic clamp ferrule. Standard length 1.75". Other length may be specified..							

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