

SSUO/SSUW

Unbalanced Pusher Seals



Product Description

1. Single seal configuration
2. Single spring Rotating
3. Inside mounted
4. Unbalanced Design
5. Dependent on Direction of Rotation

Technical Features

1. Economical seal solution
2. Independent of Direction of Rotation model available
3. Short Installation length possible (SSUO/UW short)
4. Cartridge design also available

Industrial Application

Petro-chemical pumps
 General Chemical pumps
 Vegetable oil pumps
 Light slurries pumps

Material Of Construction

Seal Face : Carbon Graphite Antimony Impregnated / Carbon Graphite Resin Impregnated / Silicon Carbide / Tungsten-Carbide
Seat : Carbon Graphite Antimony Impregnated / Carbon Graphite Resin Impregnated / Silicon-Carbide/ Tungsten-Carbide
Elastomer : Viton/Aflas /TTV/ EPDM/Kalrez
Metal Parts : S.S.316 / Hast'C

Note : Other MOC Combinations On Request

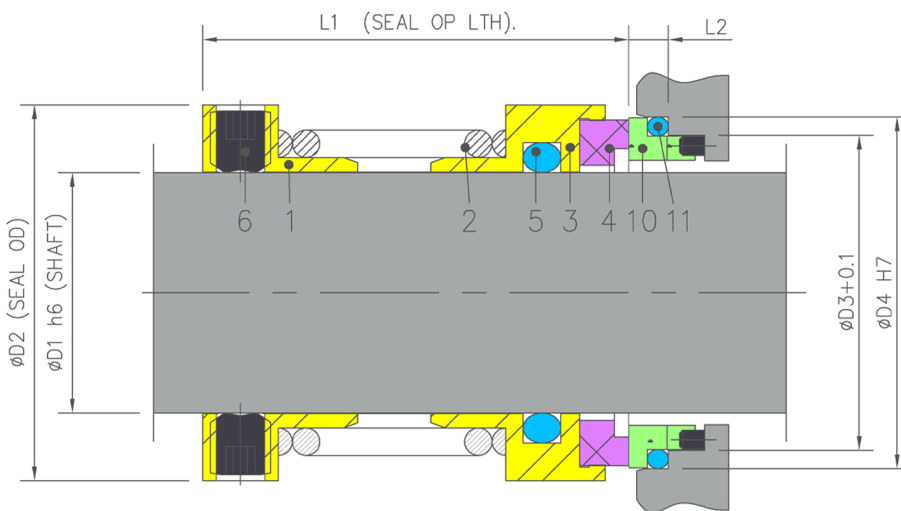
Available Sizes

20mm to 100mm (0.750" to 4.000")

Note : Other Sizes On Request

Operating Limits

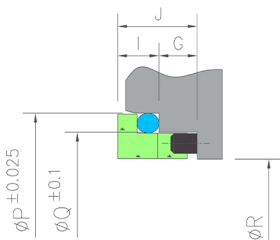
Pressure = 10kgs/cm² (Max)
Temperature = -23°C to + 200°C
Speed = 21m/s
Permissible Axial Movement= ±2.0mm



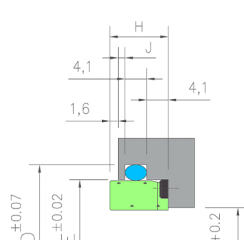
Item	Description
1	Single Spring
2	Spring
3	SR Shell
4	SR Insert
5, 11	O Ring
6	Set Screw

Item	Description
10	Mating Ring

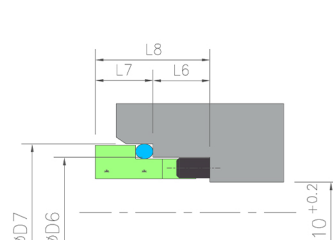
Stationary Seats



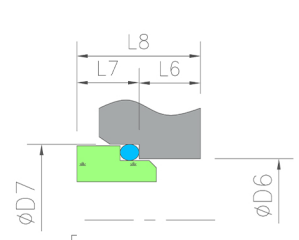
CS MR



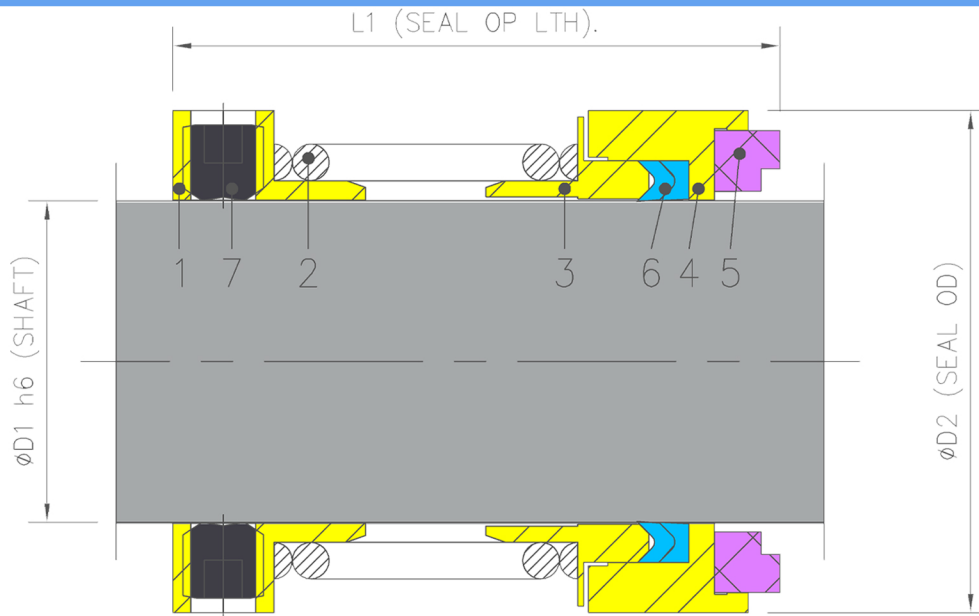
DA MR



DIN LONG MR



DIN SHORT MR



SSUW

Dimensional Data

SSUO

D1		D2	D3	D4	L1	L2
INCH	MM					
0.750	020	32.2	-	-	43.5	7.5
0.875	022	35.4	-	-	47.7	7.5
1.000	025	39.7	35.2	41.3	48	6.6
1.125	028	42.8	38.3	44.5	49	6.6
1.250	032	46.0	41.5	47.6	52.5	6.6
1.375	035	49.2	44.7	50.8	56	6.6
1.500	038	52.4	47.9	54.0	56	6.6
1.625	042	55.5	54.2	60.3	56	8.0
1.750	045	58.7	57.4	63.5	56	8.0
1.875	048	63.5	60.7	66.7	63.5	8.0
2.000	050	66.7	63.7	69.9	66.5	8.0
2.125	053	69.9	70.1	76.2	69	8.8
2.250	058	73.0	73.3	79.4	69	8.8
2.375	060	76.2	76.4	82.6	72	8.8
2.500	063	80.9	79.6	85.7	72	8.8
2.625	065	84.1	79.6	85.7	75.5	9.6
2.750	070	87.3	82.8	88.9	75.5	9.6
2.875	073	92.1	85.8	95.3	80.5	11.4
3.000	075	95.3	89.0	98.4	84.5	11.4
3.125	080	98.4	92.2	101.6	82	11.4
3.250	083	101.6	95.3	104.8	86	11.4
3.375	085	104.8	98.5	108.0	86	11.4
3.500	090	108.0	101.7	111.1	86	11.4
3.625	093	111.1	104.9	114.3	90.5	12.5
3.750	095	114.3	108.1	117.5	90.5	12.5
3.875	098	117.5	111.2	120.7	90.5	12.5
4.000	100.0	123.8	114.4	123.8	97.5	12.5

Note: Additional technical & dimensional information will be provided on request