

Product Description

1. High Pressure and high speed application
2. Balanced Design
3. Cartridge Design construction
4. Multi spring
5. Robust Seal face components

Technical Features

1. Ideal for use in ANSI process pumps
2. Factory assembled Cartridge design for easy installation
3. Multiport flush design improves heat dissipation for uniform face cooling

Industrial Application

Boiler feed pumps
Boiler feed water
Crude oil
Sea water

Material Of Construction

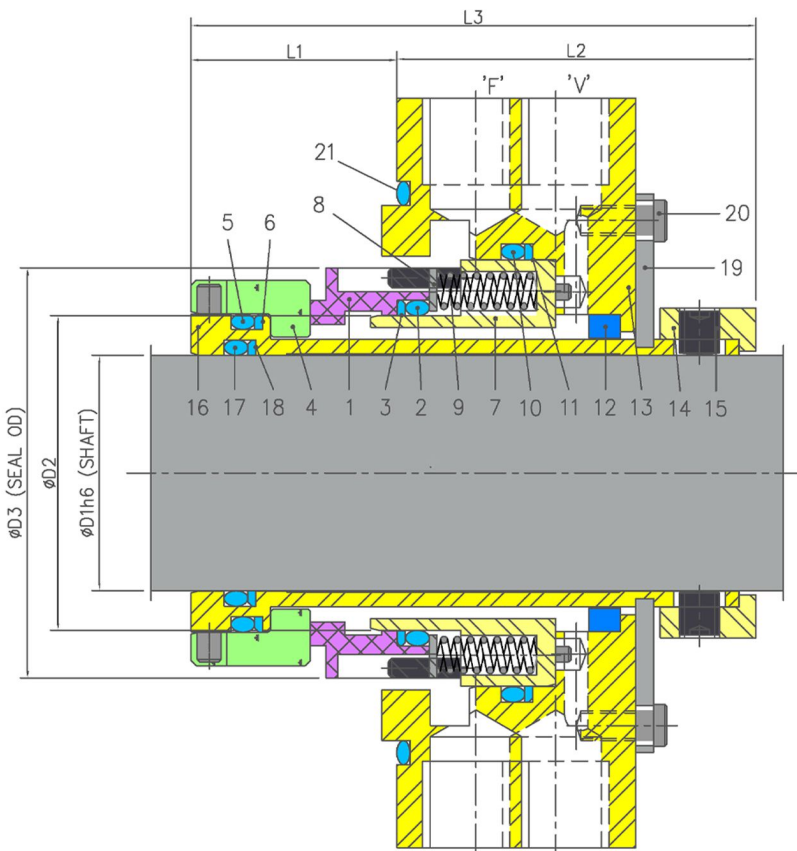
Seal Face: Carbon Graphite Antimony Impregnated/Carbon Graphite Resin Impregnated/Silicon Carbide/Tungsten Carbide
Seat: Carbon Graphite Antimony Impregnated Carbon Graphite Resin Impregnated/Silicon Carbide/Tungsten Carbide
Elastomer: Viton / Aflas / TTV/EPDM/KARLEZ
Metal Parts: S.S.316 / Hast'C
Note : Other MOC Combinations On Request

Available Sizes

38mm to 165mm (1.500" to 6.500")
Note : Other Sizes On Request

Operating Limits

Pressure = 80 Kg/cm2(MAX)
Temperature = -40°C to 204°C
Speed = 46 m/s
Permissible axial movement =
d1 upto 100mm = ± 0.5 mm
d1 from 100mm = ± 2.0 mm



Item	Description
1	Seal Ring
2,5,10,17,21	O Ring
3	Back up ring
4	Mating Ring
6	Back up ring
7	Seal collar

Item	Description
8	Thrust washer
9	Spring
11,18	Back up ring
12	Bush
13	Gland plate
14	Drive Collar

Item	Description
15	Set Screw
16	Sleeve
17	Sliding washer
18	Head screw

Dimensional Data

D1	D2	D3	L1	L2	L3
0.875	38.10	57.15	41.15	71.73	112.88
1.000	41.28	60.45	41.15	71.73	112.88
1.125	44.45	63.50	41.15	71.73	112.88
1.250	47.63	66.55	41.15	71.73	112.88
1.375	50.80	69.85	44.45	71.60	116.05
1.500	53.98	73.15	44.45	71.60	116.05
1.625	57.15	76.20	44.45	71.60	116.05
1.750	60.33	79.25	44.45	71.60	116.05
1.875	63.50	82.55	44.45	71.60	116.05
2.000	66.68	85.85	45.97	74.80	120.77
2.125	69.85	88.90	45.97	74.80	120.77
2.250	73.03	91.95	47.75	74.59	122.34
2.375	76.20	95.25	49.28	74.67	123.95
2.500	79.38	98.55	50.80	74.72	125.52
2.625	82.55	101.60	50.80	74.72	125.52
2.750	85.73	104.65	50.80	74.72	125.52
2.875	88.90	107.95	50.80	74.72	125.52
3.000	92.08	111.25	52.32	74.81	127.13
3.125	95.25	114.30	52.32	74.81	127.13

D1	D2	D3	L1	L2	L3
3.250	98.43	117.35	52.32	74.81	127.13
3.375	101.60	120.65	53.85	74.84	128.69
3.500	104.78	123.95	53.85	74.84	128.69
3.625	107.95	127.00	53.85	74.84	128.69
3.750	111.13	130.05	53.85	74.84	128.69
3.875	114.30	133.35	53.85	74.84	128.69
4.000	117.48	136.65	55.63	74.67	130.30
4.125	120.65	139.70	55.63	74.67	130.30
4.250	127.00	147.57	58.67	74.81	133.48
4.375	130.18	150.88	58.67	74.81	133.48
4.500	133.35	153.92	60.45	74.81	135.26
4.625	136.53	157.23	60.45	74.81	135.26
4.750	139.70	160.27	61.98	74.67	136.65
4.875	142.88	163.58	61.98	74.67	136.65
5.000	146.05	166.62	61.98	74.67	136.65
5.125	149.23	169.93	61.98	74.67	136.65
5.250	152.40	172.97	61.98	74.67	136.65
5.500	158.75	179.32	65.02	74.80	139.82
5.750	165.10	185.67	65.02	74.80	139.82

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