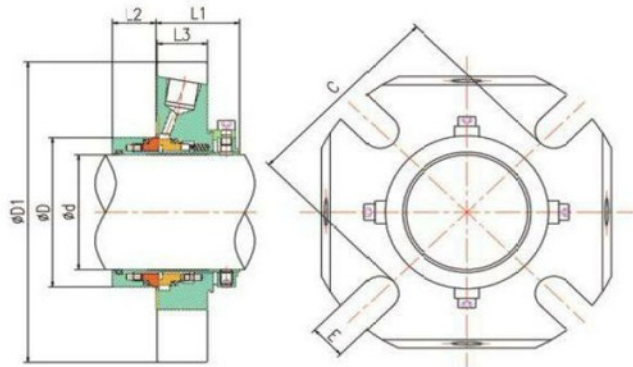


WS Cartridge



SINGLE CARTRIDGE SEAL



d	D	D1	L1	L2	L3	C	E
25	43	105	42.4	24.6	25.4	62	13.2
28	46	105	42.4	24.6	25.4	62	13.2
30	48	105	42.4	24.6	25.4	65	13.2
32	49.8	108	42.4	24.6	25.4	67	13.2
33	49.8	108	42.4	24.6	25.4	67	13.2
35	53	113	42.4	24.6	25.4	70	13.2
38	56	123	42.4	24.6	25.4	75	14.2
40	58	123	42.4	24.6	25.4	75	14.2
42	60.5	133	42.4	24.6	25.4	80	14.2
43	60.5	133	42.4	24.6	25.4	80	14.2
45	62.5	138	42.4	24.6	25.4	81	14.2
48	65.6	138	42.4	24.6	25.4	84	14.2
50	68	148	42.4	24.6	25.4	87	14.2
53	72	148	42.4	24.6	25.4	97	18
55	73	148	42.4	24.6	25.4	90	18
60	78	157	42.4	24.6	25.4	102	18
65	84.8	163	42.4	24.6	25.4	109	18
70	93	178	42.4	24.6	25.4	118	18
75	100	190	57.4	26.6	28	129	18
80	106.4	195	57.4	26.6	28	135	18
85	109.5	198	57.4	26.6	28	139	22
90	115.9	205	57.4	26.6	28	145	22
95	119.1	208	57.4	26.6	28	148	22
100	125.4	218	57.4	26.6	28	154	22

d	D	D1	L1	L2	L3	C	E
1	1.693	4.134	1.669	0.969	1	2.44	0.52
1.125	1.811	4.134	1.669	0.969	1	2.44	0.52
1.25	1.96	4.33	1.669	0.969	1	2.64	0.52
1.375	2.086	4.449	1.669	0.969	1	2.75	0.52
1.5	2.2	4.842	1.669	0.969	1	2.95	0.52
1.625	2.34	4.842	1.669	0.969	1	3.03	0.599
1.75	2.46	5.433	1.669	0.969	1	3.19	0.599
1.875	2.582	5.433	1.669	0.969	1	3.19	0.599
2	2.677	5.827	1.669	0.969	1	3.43	0.599
2.125	2.834	5.827	1.669	0.969	1	3.82	0.709
2.25	2.96	6.181	1.669	0.969	1	3.94	0.709
2.375	3.07	6.181	1.669	0.969	1	4.02	0.709
2.5	3.212	6.417	1.669	0.969	1	4.17	0.709
2.625	3.338	6.417	1.669	0.969	1	4.29	0.709
2.75	3.66	7.008	1.669	0.969	1	4.65	0.709
2.875	3.811	7.283	2.26	1.047	1.102	4.96	0.709
3	3.937	7.48	2.26	1.047	1.102	5.079	0.709
3.125	4.063	7.677	2.26	1.047	1.102	5.197	0.709
3.25	4.189	7.677	2.26	1.047	1.102	5.315	0.709
3.375	4.311	7.795	2.26	1.047	1.102	5.472	0.866
3.5	4.437	7.795	2.26	1.047	1.102	5.591	0.866
3.625	4.563	8.071	2.26	1.047	1.102	5.709	0.866
3.75	4.689	8.189	2.26	1.047	1.102	5.827	0.866
4	4.937	8.583	2.26	1.047	1.102	6.063	0.866

Technical features :

Single cartridge seal
Balanced
Stationary multiple springs design
Springs isolated from media
Floating faces

Operating limits :

Shaft : 25-100mm ,1" - 4"
Pressure : 25 Bar
Temperature : -40 °C - 200 °C
Speed : 25 m/s

Materials :

Rotary faces : carbon graphite, silicon carbide, tungsten carbide
Stationary seats : silicon carbide , tungsten carbide
O-rings : EPDM, Viton, Nitrile, other on request
Springs : S/S 316, Hastelloy C
Other metal components : S/S 316

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All dimensions and limits are for guidance purposes only. Shaft dimension and medium are critical in determining correct limits. If in doubt contact the above.