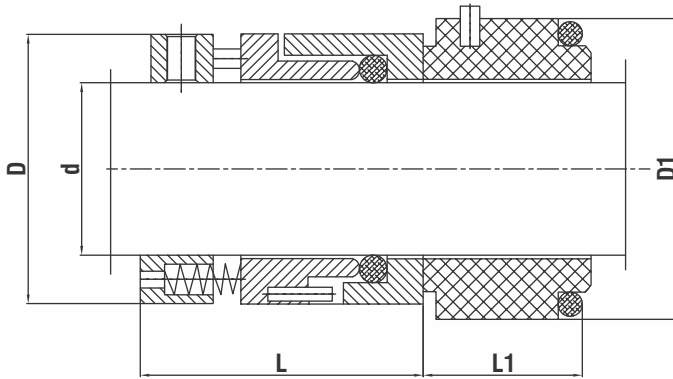


RS683/684

MULTIPLE SPRINGS PROCESS SEALS



Rs683			Ps1	
d	D	L	D1	L1
1.000	1.563	1.625	1.500	0.810
1.125	1.687	1.625	1.875	0.810
1.187	1.750	1.625	1.937	0.810
1.250	1.812	1.625	2.000	0.810
1.375	1.937	1.625	2.125	0.810
1.437	2.000	1.625	2.187	0.810
1.500	2.062	1.625	2.250	0.810
1.625	2.312	1.750	2.375	0.810
1.750	2.375	1.750	2.500	0.810
1.875	2.562	1.750	2.625	0.810
2.000	2.687	1.750	2.750	0.810
2.125	2.812	1.750	2.875	0.810
2.250	2.937	1.750	3.000	0.810
2.375	3.062	1.750	3.125	0.810
2.500	3.187	1.750	3.250	0.810
2.625	3.312	1.750	3.375	0.810
2.750	3.437	1.750	3.500	0.810
2.875	3.562	1.750	3.625	0.810
3.000	3.687	1.750	3.750	0.810
3.125	4.000	1.750	4.062	0.810
3.250	4.125	1.750	4.187	0.810
3.375	4.250	1.750	4.312	0.810
3.500	4.375	1.750	4.437	0.810
3.625	4.500	1.750	4.562	0.810
3.750	4.625	1.812	4.687	0.810
3.875	4.750	1.812	4.812	0.810
4.000	4.875	1.812	4.937	0.810
4.250	5.125	2.062	5.187	0.810
4.500	5.375	2.062	5.437	0.810

Dimension in inch

Rs684		
d	D	L
20	34	35
22	36	35
24	38	35
25	39	35
28	42	35
30	44	35
32	46	35
33	47	35
35	49	35
38	54	38
40	56	38
43	59	38
45	61	38
48	64	38
50	66	38
53	69	40
55	71	40
58	76	41
60	78	41
63	81	41
65	83	41
68	86	41
70	90	42
75	95	42
80	100	42
85	105	43
90	110	45
95	115	45
100	120	45

Dimension in mm

FEATURES & BENEFITS:

- ▶ Single Seal
- ▶ Unbalanced
- ▶ Multiple Springs
- ▶ Bi-Directional

OPERATING LIMITS:

- ▶ $d_1 = 20 - 100 \text{ mm (1.000" - 4.500")}$
- ▶ $p_1 = 1.2 \text{ Mpa}$
- ▶ $t = -35 - 160^\circ\text{C}$
- ▶ $V_g = 25 \text{ m/s}$

STANDARD MATERIALS OF CONSTRUCTION:

- ▶ **Rotary Faces:**
 - ▶ Silicon Carbide, Alumina Ceramic, Tungsten Carbide
- ▶ **Stationary Seats:**
 - ▶ Carbon, Silicon Carbide, Tungsten Carbide
- ▶ **Springs, Other metal components:**
 - ▶ AISI 304, 316, Alloys
- ▶ **Secondary Seals:**
 - ▶ EPDM, FEP, FPM, FEPM

STATIONARY SEATS:

- ▶ RS683: PS1
- ▶ RS684: PS2, LS7