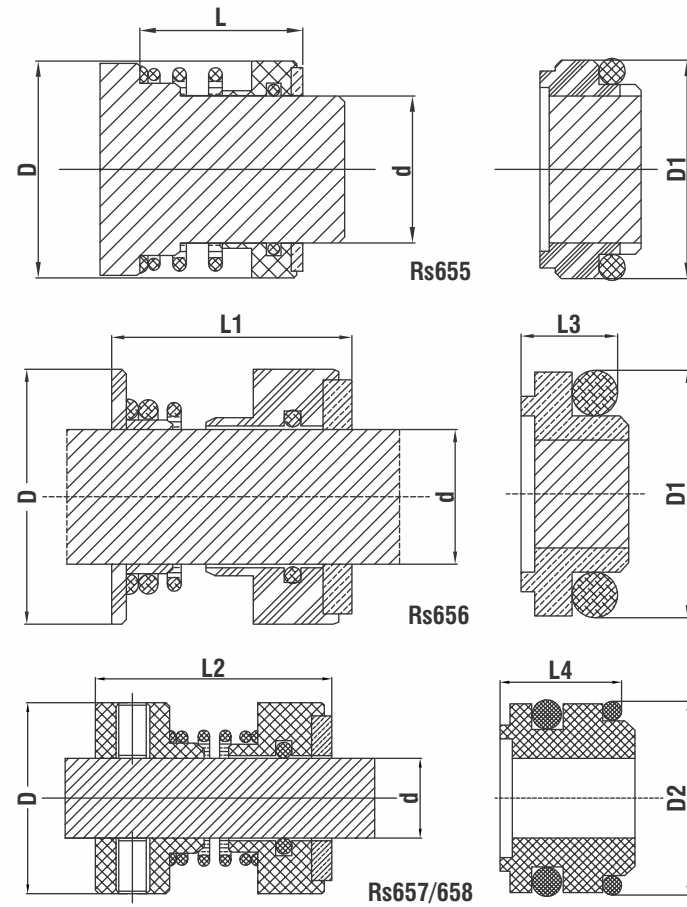


RS655/656/657/658

SINGLE COIL SPRING O-RING MOUNTED



FEATURES & BENEFITS:

- ▶ Single Coil Spring Seal
- ▶ Unbalanced
- ▶ Uni-Directional

OPERATING LIMITS:

- ▶ $d_1 = 16 - 100 \text{ mm}, 0.625 - 4.000''$
- ▶ $p_1 = 1.0 \text{ Mpa}$
- ▶ $t = -35 - 160^\circ\text{C}$
- ▶ $V_g = 16 \text{ m/s}$

STANDARD MATERIALS OF CONSTRUCTION:

- ▶ **Faces:**
 - ▶ Stainless Steel, Silicon Carbide, Tungsten Carbide
- ▶ **Stationary Seats:**
 - ▶ Carbon, Silicon Carbide, Tungsten Carbide
- ▶ **Springs, Other Metal Components:**
 - ▶ AISI 304, 316
- ▶ **Secondary Seals:**
 - ▶ EPDM, FEP, FPM, FEPM

SECONDARY SEATS:

- ▶ RS655/656/657: LS8 (standard), LS8S (Carbide Face Shrink-Fitted), LS10
- ▶ RS658: PS3 (Carbon only)
- ▶ RS527: LS4 (standard), LS4S (Carbide Face Shrink-Fitted)

d	d (in)	D	655	656	657	658	627	LS8/LS10		Ps3	
			L	L1	L2	L2	L2	D1	L3	D2	L4
60	2.375	77.0	50.5	52.0	63.0	60.0	57.0	76.20	10	80.0	26
63	2.500	79.4	50.5	52.0	63.0	60.0	57.0	79.38	10	83.0	26
65	-	82.0	53.5	55.0	66.0	62.0	67.0	80.98	10	86.0	26
68	2.625	82.6	53.5	55.0	66.0	62.0	64.7	82.55	10	89.0	26
70	2.750	87.0	53.5	55.0	66.0	65.0	64.7	85.73	10	89.0	26
73	2.875	90.0	56.5	60.0	71.0	-	-	88.90	10	-	-
75	-	91.5	56.5	60.0	71.0	65.0	64.7	90.47	10	95.0	26
-	3.000	95.3	63.0	66.0	77.5	-	-	95.25	10	-	-
80	3.125	99.5	63.0	66.0	77.5	70.0	74.3	98.43	10	99.0	26
-	3.250	101.6	63.0	66.0	77.5	-	-	101.6	10	-	-
85	3.375	105.5	63.0	66.0	77.5	70.0	74.3	104.8	10	105.0	26
-	3.500	108.0	63.0	66.0	77.5	-	-	108.0	10	-	-
90	-	110.5	68.0	71.0	82.0	70.0	74.3	109.5	10	111.0	26
95	-	115.5	68.0	71.0	82.0	75.0	74.3	114.3	10	114.0	26
100	-	120.0	68.0	71.0	82.0	75.0	74.3	119.0	10	118.0	26
-	4.000	124.5	72.5	75.5	88.5	-	-	123.8	10	-	-

d	d (in)	D	655	656	657	658	627	LS8/LS10	Ps3		
d	d (in)	D	L	L1	L2	L2	L2	D1	L3	D2	L4
16	0.625	29.0	24.5	26.0	32.5	-	-	28.58	9	-	-
18	0.750	32.5	24.5	26.0	32.5	-	35.0	31.75	9	-	-
20	-	34.5	27.5	29.0	35.5	38.0	35.0	33.32	9	37.0	23
22	0.875	35.0	26.0	27.5	35.5	38.0	35.0	34.93	9	39.0	23
25	1.000	38.1	30.0	31.5	39.0	38.0	40.0	39.67	10	40.0	23
28	1.125	42.9	31.5	33.0	41.0	40.0	40.0	42.88	10	44.0	23
30	-	45.5	31.5	33.0	41.0	40.0	40.0	44.44	10	47.0	24
32	1.250	47.0	34.5	36.0	44.0	40.0	45.0	46.02	10	48.0	24
33	-	49.0	34.5	36.0	44.0	-	45.0	46.02	10	-	-
35	1.375	50.0	37.5	39.0	47.0	40.0	45.0	49.20	10	51.0	24
38	1.500	53.0	37.5	39.0	47.0	45.0	44.0	52.37	10	54.0	24
40	-	55.0	37.5	39.0	47.0	45.0	44.0	53.98	10	57.0	24
42	1.625	55.5	37.5	39.0	47.0	50.0	49.0	55.58	10	60.5	24
43	-	55.5	37.5	39.0	47.0	-	49.0	55.58	10	-	-
45	1.750	60.0	37.5	39.0	47.0	50.0	49.0	58.72	10	61.0	24
48	1.875	62.0	42.5	44.0	55.0	55.0	49.0	63.50	10	64.0	24
50	-	66.0	45.5	47.0	58.5	55.0	47.0	65.07	10	67.0	24
-	2.000	66.7	45.5	47.0	58.5	-	-	66.68	10	-	-
55	2.125	71.0	47.0	48.5	60.0	58.0	57.0	69.85	10	73.0	24
58	2.250	73.0	47.0	48.5	60.0	58.0	57.0	73.03	10	76.0	24