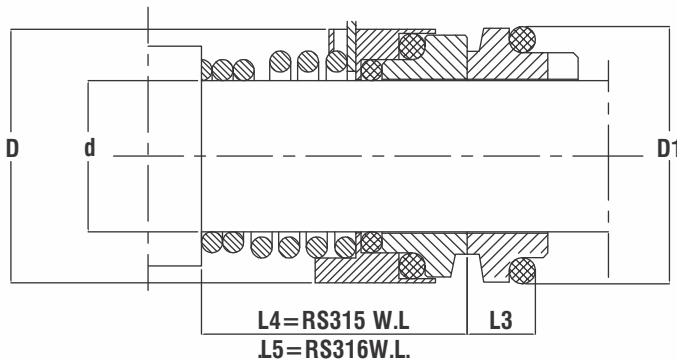
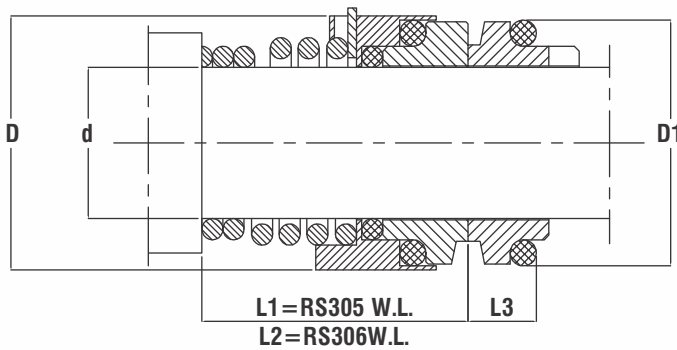


RS5H2

SINGLE COIL O-RING MOUNTED SEAL



FEATURES & BENEFITS:

- ▶ Single Seal
- ▶ Unbalanced
- ▶ Uni-Directional
- ▶ Conical Spring
- ▶ RS315/316 to DIN 24960
- ▶ RS305N/306N/315N/316N with narrow rotary face identical to RSS stationary face

OPERATING LIMITS:

- ▶ $d_1 = 10 - 100 \text{ mm}$
- ▶ $p_1 = 1.6 \text{ MPa}$
- ▶ $t = -35 - 160^\circ\text{C}$
- ▶ $v_g = 15 \text{ m/s}$

STANDARD MATERIALS OF CONSTRUCTION:

- ▶ **Rotary Faces:**
 - ▶ Alumina Ceramic, Cr-Mo Steel, Tungsten Carbide, Silicon Carbide
- ▶ **Stationary Seats:**
 - ▶ Carbon Graphite, Silicon Carbide, Tungsten Carbide
- ▶ **Springs, Face Housings:**
 - ▶ AISI 304, 316
- ▶ **Secondary Seals:**
 - ▶ EPDM, FEP, FPM, FEPM, NBR

	Rs305 Rs306 Rs315 Rs316					RS-		US-	
d	D	L1	L2	L4	L5	D1	L3	D2	L6
10	19.3	20	15	15	25.5	18.1	5.5	21	7
12	21.8	22	18	18	25.5	20.6	5.5	23	7
14	24.4	27	22	22	28.0	23.1	6.0	25	7
15	28.5	27	22	23	28.0	26.9	7.0	27	7
16	28.5	28	23	23	27.5	26.9	7.0	27	7
18	32.5	30	24	24	27.5	30.9	8.0	33	10
19	32.5	30	25	25	27.5	30.9	8.0	35	10
20	32.5	30	25	25	27.5	30.9	8.0	35	10
22	37.0	30	25	25	30.0	35.4	8.0	37	10
24	37.0	32	27	27	30.0	35.4	8.0	39	10
25	40.6	33	27	27	32.5	38.2	8.5	40	10
28	46.5	36	29	29	32.5	43.3	9.0	43	10
30	46.5	37	30	30	32.5	43.3	9.0	45	10
32	46.5	37	30	30	32.5	43.3	9.0	48	10
33	56.5	48	39	39	32.5	53.5	11.5	48	10
35	56.5	48	39	39	32.5	53.5	11.5	50	10
38	56.5	48	39	42	32.0	60.5	11.5	56	13
40	63.5	48	39	42	32.0	60.5	11.5	58	13
43	63.5	48	39	47	32.0	60.5	11.5	61	13
45	68.5	51	41	47	32.0	65.5	11.5	63	13
48	68.5	51	41	47	32.0	65.5	11.5	66	13

d	Rs305 Rs306 Rs315 Rs316					RS-		US-	
	D	L1	L2	L4	L5	D1	L3	D2	L6
50	74.5	55	45	46	33.5	72.5	11.5	70	14
53	74.5	57	47	56	33.5	72.5	11.5	73	14
55	74.5	57	47	56	33.5	72.5	11.5	75	14
58	82.9	61	49	56	38.5	79.3	11.5	78	14
60	82.9	61	49	56	38.5	79.3	11.5	80	14
63	88.1	63	51	56	38.5	84.5	11.5	83	14
65	88.1	63	51	66	38.5	84.5	11.5	85	14
68	93.1	63	51	64	36.5	89.5	11.5	90	16
70	93.1	63	51	64	44.0	89.5	11.5	92	16
75	98.1	68	57	64	44.0	94.5	11.5	97	16
80	103.5	70	59	72	42.0	99.5	11.5	105	18
85	109.5	72	59	72	42.0	105.5	13.5	110	18
90	115.5	75	62	72	47.0	111.5	13.5	115	18
95	123.0	75	62	72	47.0	116.5	13.5	120	18
100	129.0	85	75	72	47.0	119.5	13.5	125	18

FEATURES & BENEFITS:

- ▶ RSS (monolithic Short Seat), Standard for RS305/305N & RS306/306N
- ▶ RSL (monolithic long seat w/ anti-rotation pin slot)
- ▶ RSLS (face shrink-fitted w/ anti-rotation pin slot)
- ▶ USS (monolithic short seat, to DIN 24960), standard for RS315/315N and RS316/316N
- ▶ USL (monolithic long seat w/ anti-rotation pin slot, to DIN 24960)
- ▶ USLS (face shrink-fitted w/ anti-rotation pin slot, to DIN 24960)