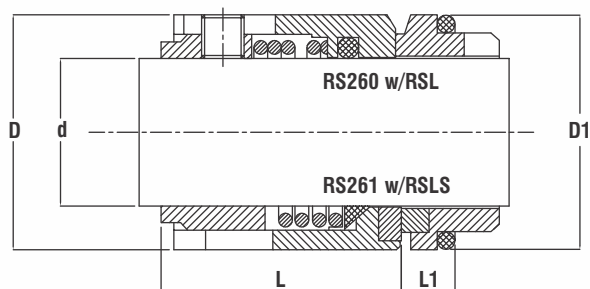


# RS260/261

## SINGLE COIL SPRING SEALS



RS260/261			RSS/RSL/RSLs	
d	D	L	D1	L1
16	26	23	26.9	7.0
18	29	24	30.9	8.0
19	30	25	30.9	8.0
20	30	25	30.9	8.0
22	34	25	35.4	8.0
24	35	27	35.4	8.0
25	37	27	38.2	8.5
28	42	29	43.3	9.0
30	45	29	43.3	9.0
32	45	29	43.3	9.0
33	48	33	53.5	11.5
35	50	35	53.5	11.5
38	54	35	60.5	11.5
40	56	35	60.5	11.5
42	59	35	60.5	11.5
43	60	35	60.5	11.5
45	64	37	65.5	11.5
48	67	37	65.5	11.5
50	69	39	72.5	11.5
53	74	39	72.5	11.5
55	74	39	72.5	11.5
58	80	40	-	11.5
60	80	40	79.3	11.5
63	87	41	-	11.5
65	87	41	84.5	11.5
68	92	41	-	11.5
70	92	41	89.5	11.5
75	97	44	94.5	11.5
80	102	48	99.5	11.5
85	110	48	105.5	13.5
90	117	48	111.5	13.5
95	122	53	116.5	13.5
100	127	56	119.5	13.5

### FEATURES & BENEFITS:

- ▶ Single Coil Spring
- ▶ Unbalanced
- ▶ Bi-Directional
- ▶ Positive Screw Drive
- ▶ RS260 with O-Ring mounted
- ▶ RS261 with PTFE wedge seal ring

### OPERATING LIMITS:

- ▶  $d_1 = 16 - 100 \text{ mm}$
- ▶  $p_1 = 1.2 \text{ Mpa}$
- ▶  $t = -35 - 160^\circ\text{C}$
- ▶  $V_g = 15 \text{ m/s}$

### STANDARD MATERIALS OF CONSTRUCTION:

- ▶ **Rotary 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, NBR

### STATIONARY SEATS:

- ▶ RSS (monolithic short seat)
- ▶ 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)
- ▶ USL (monolithic long seat w/ anti-rotation pin slot, to DIN 24960)
- ▶ USLS (face shrink-fitted w/ anti-rotation pin slot, to DIN 24960)