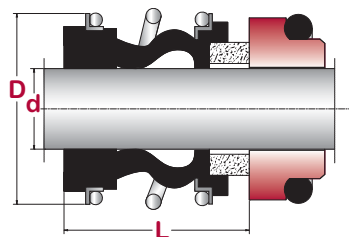
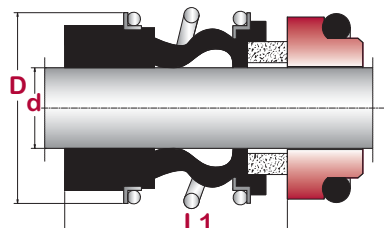


ES100/120/130 Single Spring Rubber Bellows Shaft Seal

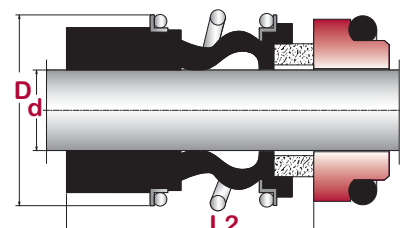
ES100



ES120



ES130



d	D	L	L1	L2
10	22.5	14.5	25.9	33.4
12	25.0	15.0	25.9	33.4
14	28.5	17.0	28.4	33.4
15	28.5	17.0	28.4	33.4
16	28.5	17.0	28.4	33.4
18	32.0	19.5	30.0	37.5
20	37.0	21.5	30.0	37.5
22	37.0	21.5	30.0	37.5
24	42.5	22.5	32.5	42.5
25	42.5	23.0	32.5	42.5
28	49.0	26.5	35.0	42.5
30	49.0	26.5	35.0	42.5
32	53.5	27.5	35.0	47.5
33	53.5	27.5	35.0	47.5
35	57.0	28.5	35.0	47.5
38	59.0	30.0	36.0	46.0
40	62.0	30.0	36.0	46.0
42	65.5	30.0	36.0	51.0
43	65.5	30.0	36.0	51.0
45	68.0	30.0	36.0	51.0
48	70.5	30.5	36.0	51.0
50	74.0	30.5	38.0	50.5
53	78.5	33.0	36.5	59.0
55	81.0	35.0	36.5	59.0
58	85.5	37.0	41.5	59.0
60	88.5	38.0	41.5	59.0
65	93.5	40.0	41.5	69.0
68	96.5	40.0	41.5	68.7
70	99.5	40.0	48.7	68.7
75	107.0	40.0	48.7	68.7
80	112.0	40.0	48.0	78.0
85	120.0	41.0	46.0	76.0
90	127.0	45.0	51.0	76.0
95	132.0	46.0	51.0	76.0
100	137.0	47.0	51.0	76.0



Features and Benefits:

- The world's most common seal for metric shafts
- Very economical seal alternative
- Compact rugged design
- Seal faces are driven via the spring
- No torsional stress on the bellows
- Seal faces are encapsulated and protected in rubber bellows
- Large rubber cross sections and "surface grab" minimize tears and enhances seal life
- Faces match with several common seat designs
- Three common operating lengths for each shaft size
- Operates independently of shaft rotation
- Excellent in fluids with high solid content

Apex
is proud to
maintain the
largest in-stock
inventory of these
types of seals in
North America



Standard Materials of Construction:

• Faces:

- Carbon Graphite (Resin Impregnated), Antimony Impregnated Carbon, Silicon Carbide, Tungsten Carbide

• Elastomers:

- Buna, Viton®, Neoprene, EPDM,

• Metallurgy:

- 304, 316, Monel,



Operating Limits:

- Pressure: to 225 PSI / 15 BAR
- Temperature: -40°F to +300°F / -40°C to +150°C

Apex
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