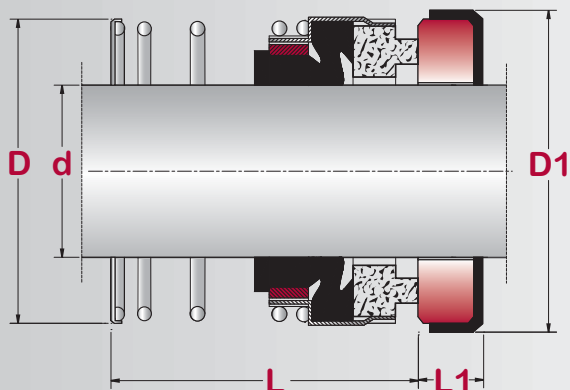


ES21 METRIC

Single Spring, Elastomer Bellows Seal



d	D	L	D1	L1
10	20.1	23.9	21.0	8.6
12	22.8	23.9	23.0	8.6
14	22.8	26.4	25.0	8.6
16	26.4	26.4	27.0	8.6
18	29.5	27.5	33.0	10.0
19	29.5	27.5	35.0	10.0
20	33.6	27.5	35.0	10.0
22	33.6	27.5	37.0	10.0
24	38.0	30.0	39.0	10.0
25	39.1	30.0	40.0	10.0
28	42.5	32.5	43.0	10.0
30	44.0	32.5	45.0	10.0
32	45.6	32.5	48.0	10.0
33	45.6	32.5	48.0	10.0
35	49.0	34.0	50.0	10.0
38	52.0	34.0	56.0	11.0
40	55.8	34.0	58.0	11.0
42	60.6	34.0	61.0	11.0
43	60.6	34.0	61.0	11.0
45	60.6	34.0	63.0	11.0
48	63.8	34.0	66.0	11.0
50	65.6	34.5	70.0	13.0
53	71.6	34.5	75.0	13.0
55	71.6	34.5	75.0	13.0
58	78.4	39.5	78.0	13.0
60	78.4	39.5	80.0	13.0
63	81.2	39.5	83.0	13.0
65	84.5	39.5	85.0	13.0
68	89.6	37.2	90.0	15.3
70	89.6	44.7	92.0	15.3
75	96.6	44.7	97.0	15.3
80	104.0	44.3	105.0	15.7
85	107.7	44.3	110.0	15.7
90	111.0	49.3	115.0	15.7
95	119.0	49.3	120.0	15.7
100	124.0	49.3	125.0	15.7



Features and Benefits:

- Cost effective seal common to many process pumps
- Bellows design helps compensate for face wear
- Bi-directional
- Multiple face and elastomer choices
- Equivalent to European DIN standard Type 21's
- Most common metric seat available as requested



Standard Materials of Construction:

• Faces:

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

• Elastomers:

- Buna, Viton®, Aflas®, Neoprene, EPDM

• Metallurgy:

- 304, 316, Monel



Operating Limits:

- Pressure: to 150 PSI.
- Temperature: -40°F to +400°F.



Apex
sealing, inc.

Apex Sealing Inc.
164 B Yankee Park Rd.
Fairfax, VT 05454
888 .730 .2739
apexsealing.com