



Sealing Devices

Queensland

MG1 MG12



Design Features

Single spring enclosed bellows seal.

Independent on direction of rotation
Highly recommended for duties with media containing solids eg. MSG1 is the short working length MSG12 complies with DIN 24960 L1k working length.

Operating Conditions

Temperature: -20°C to +200°C
(depending on materials used)

Pressure: Up to 12 bar, 174 psi

Speed: Up to 10m/s, 2000 fpm

Materials available

Seal face: carbon, SIC

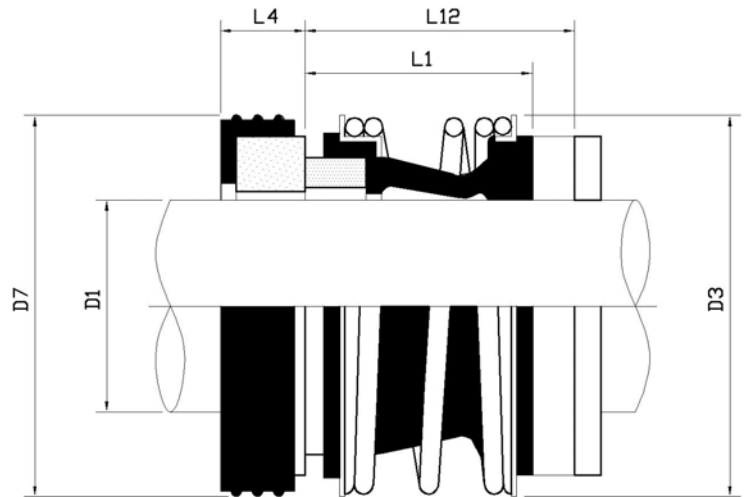
Elastomer: nitrile, viton, EP

Equivalent to

MG1, MG12, BO2, BO12 seal

Standard seat G6, G60

Alternative seat G4, G9



D1	D3	D7	L1	L12	L4	L=L1+L4	L1k=L12+L4
14mm	28.5	25.0	17.0	28.4	6.6	23.6	35.0
15mm	28.5		17.0	28.4		17.0	
16mm	28.5	27.0	17.0	28.4	6.6	23.6	35.0
18mm	32.0	33.0	19.5	30.0	7.5	27.0	37.5
20mm	37.0	35.0	21.5	30.0	7.5	29.0	37.5
22mm	37.0	37.0	21.5	30.0	7.5	29.0	37.5
24mm	42.5	39.0	22.5	32.5	7.5	30.0	40.0
25mm	42.5	40.0	23.0	32.5	7.5	30.5	40.0
28mm	49.0	43.0	26.5	35.0	7.5	34.0	42.5
30mm	49.0	45.0	26.5	35.0	7.5	34.0	42.5
32mm	53.5	48.0	27.5	35.0	7.5	35.0	42.5
33mm	53.5	48.0	27.5	35.0	7.5	35.0	42.5
35mm	57.0	50.0	28.5	35.0	7.5	36.0	42.5
38mm	59.0	56.0	30.0	36.0	9.0	39.0	45.0
40mm	62.0	58.0	30.0	36.0	9.0	39.0	45.0
43mm	65.5	61.0	30.0	36.0	9.0	39.0	45.0
45mm	68.0	63.0	30.0	36.0	9.0	39.0	45.0
48mm	70.5	66.0	30.5	36.0	9.0	39.5	45.0
50mm	74.0	70.0	30.5	38.0	9.5	40.0	47.5
53mm	78.5	73.0	33.0	36.5	11.0	44.0	47.5
55mm	81.0	75.0	35.0	36.5	11.0	46.0	47.5
58mm	85.5	78.0	37.0	41.5	11.0	48.0	52.5
60mm	88.5	80.0	38.0	41.5	11.0	49.0	52.5
63mm							
65mm	93.5	85.0	40.0	41.5	11.0	51.0	52.5
68mm	96.5	90.0	40.0	41.2	11.3	51.3	52.5
70mm	99.5	92.0	40.0	48.7	11.3	51.3	60.0
75mm	107.0	97.0	40.0	48.7	11.3	51.3	60.0
80mm	112.0	105.0	40.0	48.0	12.0	52.0	60.0
85mm	120.0	110.0	41.0	46.0	14.0	55.0	60.0
90mm	127.0	115.0	45.0	51.0	14.0	59.0	65.0
95mm	132.0	120.0	46.0	51.0	14.0	60.0	65.0
100mm	137.0	125.0	47.0	51.0	14.0	61.0	65.0