



### Design Features

Single spring enclosed bellows seal.  
 Independent on direction of rotation  
 Highly recommended for duties with media containing solids eg. MG1 is the short working length Mg12 complies with DIN 24960 L1k Working length.

### Operating Conditions

Temperature: -20°C to +200°C (depending on materials used)  
 Pressure: Up to 12 bar g, 174 psig  
 Speed: Up to 10m/s, 2000fpm

### Materials available

Seal face: Carbon, SIC  
 Elastomer: nitrile, Viton, EPR

### Equivalent to

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
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	42.0	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	25.5	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	3.5	40.0	47.5
53mm	78.5	73.0	33.0	35.5	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
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