

# MG9



## Mechanical seal for plain shafts, spring rotating

- single seal
- unbalanced
- independent of direction of rotation
- elastomer bellows
- **Synthetic carbon: B carbon graphite, resin impreg. approved for foodstuffs.**

The MG9 is designed for application in the medium pressure and stress range and, within its operating limits, can be universally used in pumps. Just one bellows unit per diameter can be used for all installation lengths. Bellows and spring are free of torsional strain.

### Operating limits

d1 = 10 ... 100 mm	0.375 ... 4"
p1 = 8 (12) bar	116 (174) PSI
t = - 20 ... +90 (140)°C	- 4 ... 194 (284)°F
vg = 10 m/s	33 ft/s

Axial movement =  $\pm 0.5$  mm /  $\pm 0.02$ "

### Stationary seats

G50 G55 G60 G75

### Materials

Seal face:	B, Q1
Stationary seat:	V, Q1
Bellows/Rubber cup:	P, V, E
Spring:	F (G)
Driver/Corner ring:	F (G)