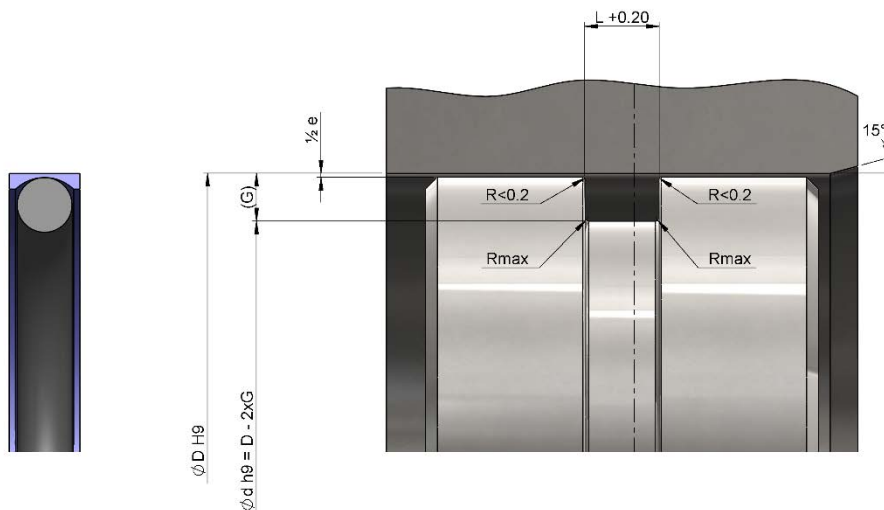


L40 Low Profile Double Acting Piston Seal



Range of Application

Operating Pressure: ≤ 160 bar
Operating Temperature: -60°C to $+200^{\circ}\text{C}$ ⁽¹⁾
Sliding Speed: $\leq 4\text{m/s}$

1) Limited by the O-Ring material.

Housing Dimensions

Cross Section	O-Ring Cross section (mm)	Recommended bore ϕ range		Groove width L (mm)	Groove depth G (mm)	Diametral Clearance max e (mm)	Radius max R (mm)
		\geq	$<$				
A	1.78	8	14	2.4	1.45	0.13	0.4
B	2.62	14	25	3.6	2.25	0.13	0.4
C	3.53	25	46	4.8	3.10	0.15	0.6
D	5.33	46	125	7.1	4.70	0.17	0.8
E	6.99	125	400	9.5	6.10	0.25	0.8

- Excellent wear resistance.
- Minimal break-away and dynamic friction and no stick-slip tendency even at low speeds.
- Good energy efficiency due to low friction.
- Can be used in existing O-Ring grooves.
- High extrusion resistance.
- High chemical resistance.
- Installation in closed and undercut housings.
- Available in diameters from 4 to 2000 mm.
- Additional sizes of machined products available.