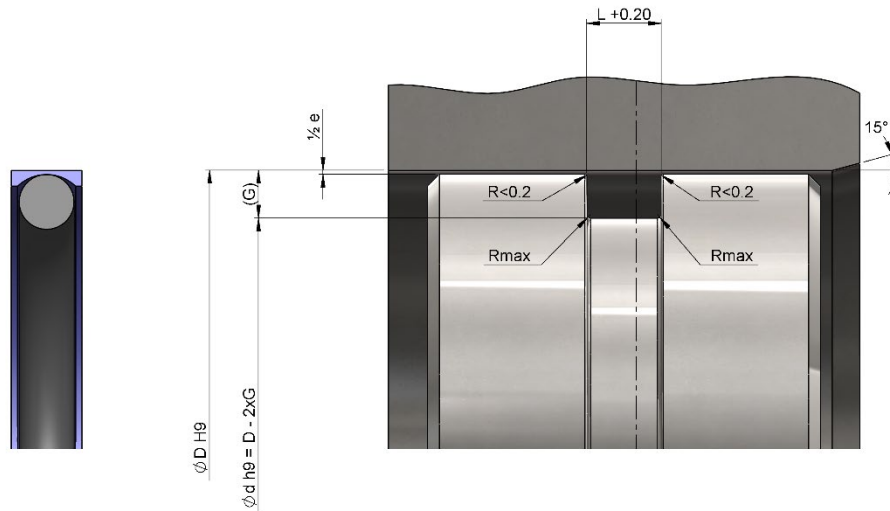


L40 Low Profile Double Acting Piston Seal



Range of Application

Operating Pressure: ≤160 bar
Operating Temperature: -60°C to +200°C ⁽¹⁾
Sliding Speed: ≤4m/s

1) Limited by the O-Ring material.

Housing Dimensions

Cross Section	O-Ring Cross Section	Recommended Bore Ø Range		Groove Width	Groove Depth	Diametral Clearance Max	Radius
		D		L	G	e	R
	(mm)	≥	<	(mm)	(mm)	(mm)	(mm)
A	1.78	8	14	2.40	1.45	0.13	0.4
B	2.62	14	25	3.60	2.25	0.13	0.4
C	3.53	25	46	4.80	3.10	0.15	0.6
D	5.33	46	125	7.10	4.70	0.17	0.8
E	6.99	125	400	9.50	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.