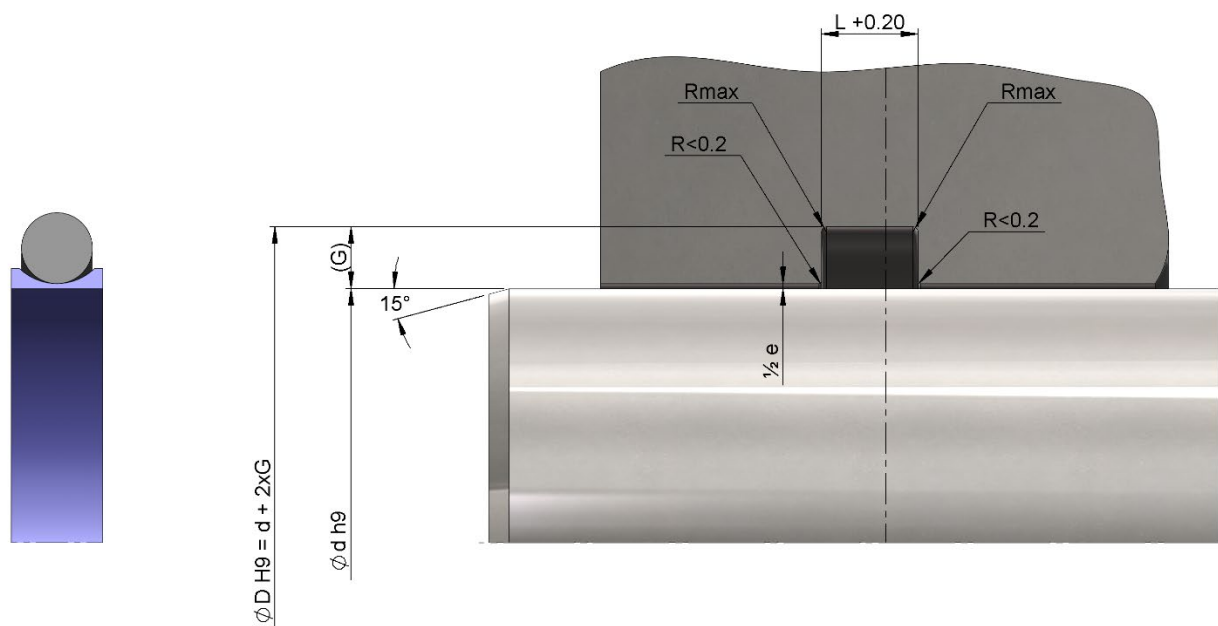


# L41 Low Profile Double Acting Rod Seal



## Range of Application

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

1) Limited by the O-Ring material.

## Housing Dimensions

| Cross Section | O-Ring Cross Section | Recommended Rod Ø Range |     | Groove Width | Groove Depth | Diametral Clearance Max | Radius |
|---------------|----------------------|-------------------------|-----|--------------|--------------|-------------------------|--------|
|               |                      | d                       |     | L            | G            | e                       | R      |
|               | (mm)                 | ≥                       | <   | (mm)         | (mm)         | (mm)                    | (mm)   |
| A             | 1.78                 | 4                       | 10  | 2.40         | 1.45         | 0.13                    | 0.4    |
| B             | 2.62                 | 10                      | 20  | 3.60         | 2.25         | 0.13                    | 0.4    |
| C             | 3.53                 | 20                      | 40  | 4.80         | 3.10         | 0.15                    | 0.6    |
| D             | 5.33                 | 40                      | 120 | 7.10         | 4.70         | 0.17                    | 0.8    |
| E             | 6.99                 | 120                     | 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.