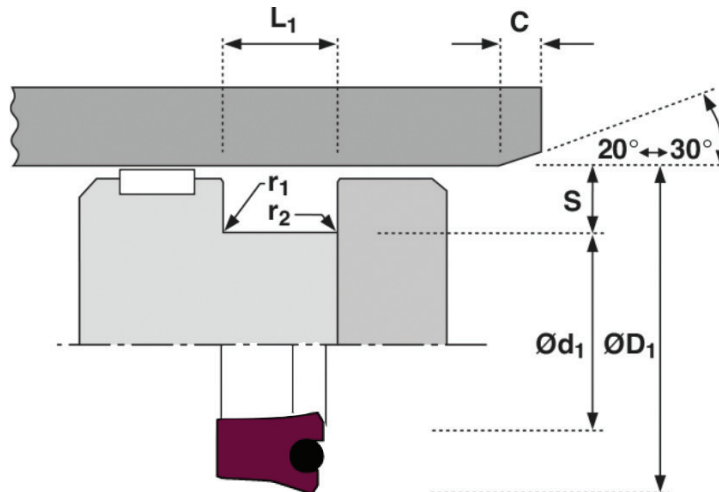




PK7B



| Technical Details | Metric | Inch |
|-------------------|--------|------|
|-------------------|--------|------|

| | | |
|-----------------------------|---------------|---------------|
| Operating conditions | | |
| Maximum speed | 1.0 m/sec | 3.0 ft/sec |
| Temperature range | -45°C + 110°C | -50°F + 230°F |
| Maximum pressure | 400 Bar | 6000 p.s.i |

Maximum extrusion gap

| | | | |
|----------------|-------|-------|-------|
| Pressure bar | 160 | 250 | 400 |
| Maximum gap mm | 0.6 | 0.5 | 0.4 |
| Pressure p.s.i | 2400 | 3750 | 6000 |
| Maximum Gap in | 0.024 | 0.020 | 0.016 |

Surface roughness

| | µmRa | µmRt | µinCLA | µinRMS |
|--|-----------|--------|---------|---------|
| Dynamic sealing surface ØD ₁ | 0.1 - 0.4 | 4 max | 4 - 16 | 5 - 18 |
| Static sealing face Ød ₁ | 1.6 max | 10 max | 63 max | 70 max |
| Static Housing faces L ₁ | 3.2 max | 16 max | 125 max | 140 max |

Chamfers & Radii

| | | |
|----------------------------------|-------|-------|
| Groove section | 0.215 | 0.187 |
| Min chamfer C mm | 0.093 | 0.093 |
| Max fillet rad r ₁ mm | 0.008 | 0.008 |
| Max fillet rad r ₂ mm | 0.016 | 0.016 |

Tolerances

| | | |
|----|------|------------|
| Ød | ØD | Lmm |
| f9 | Js11 | +0.010 - 0 |

DESIGN

PK7B is manufactured from high performance polyurethane which makes it flexible and easy installation and performance at low temperatures.

FEATURES

- Improved sealing
- Made of high performance polyurethane
- Excellent resistance to abrasion
- Easy installation
- Complete lip actuation

MATERIAL

Seal design comes in a variety of materials and sizes. For more information, please refer to MSDS datasheet.

APPLICATIONS

Light to medium duty applications