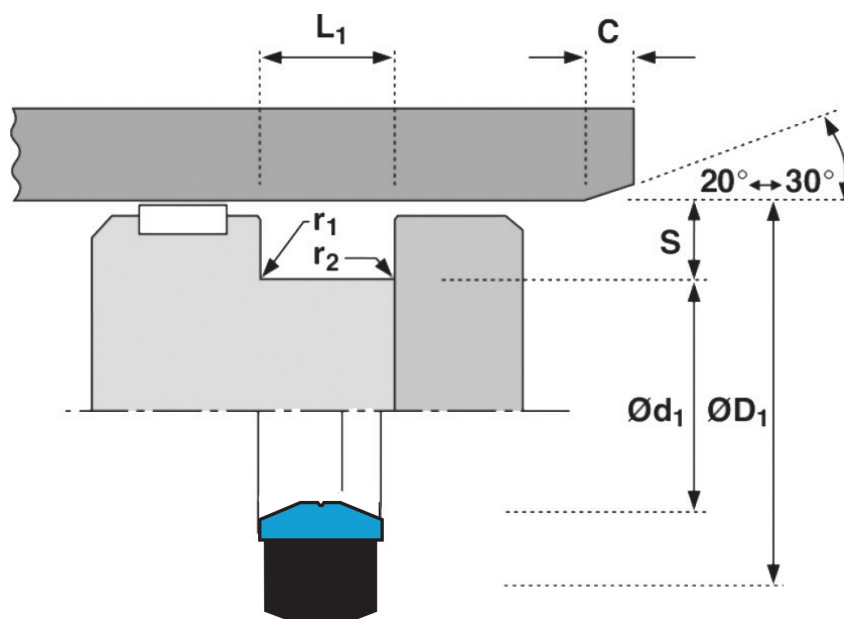


PRKOJ



Technical Details	Metric	Inch
Operating conditions		
Maximum speed	4.0 m/sec	12.0 ft/sec
Temperature range	-30°C + 100°C	-22°F + 212°F
Maximum pressure	350 Bar	5000 p.s.i

Maximum extrusion gap

Maximum gap in	0.024	0.020	0.018	0.014
Pressure p.s.i	1500	2400	3750	5250

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 length L ₁ in	0.129	0.284	0.379
Min chamfer C in	0.125	0.260	0.325
Max fillet rad r ₁ in	0.016	0.024	0.032

Tolerances

L ₁ in	0.129	0.284	0.379
Ød ₁	0.001	0.002	0.003

ØD ₁	L ₁
H9	0.002

DESIGN

PRKOJ is a double acting piston seal that comprises of a bronze filled PTFE face ring, which is pre-loaded by a square section NBR ring. The cap ring is precision machined from a compression moulded billet.

FEATURES

- Low friction no stick up
- Wide range of materials for special applications
- Chamfered corners for easier installation

MATERIAL

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

APPLICATIONS

Light duty applications