



## Technical Details

## Metric

## Inch

## DESIGN

PRKJS is suited for one piece pistons. It has a PTFE seal face with nitrile energizer and dual face materials which gives pressure capability options. It is excellent for stick slip and high speed movements.

## FEATURES

- Flexible for easy installation
- Long life
- Comes in a wide range of sizes

## MATERIAL

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

## APPLICATIONS

Light duty applications

Operating conditions		
Maximum speed	0.55 m/sec	1.5 ft/sec
Temperature range	-30°C + 90°C	-22°F + 194°F
Maximum pressure	17 Bar	250 p.s.i

## Maximum extrusion gap

Pressure bar	17
Maximum gap mm	250
Pressure p.s.i	0.030

## Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface ØD <sub>1</sub> in	0.8 max	5 max	32 max	35 max
Static sealing face Ød <sub>1</sub>	1.6 max	10 max	63 max	70 max
Static Housing faces L <sub>1</sub>	3.2 max	16 max	125 max	140 max

## Chamfers & Radii

Seal diameter ≤ ØD <sub>1</sub> in	2.000	3.000	6.500
Min chamfer C in	0.187	0.217	0.250
Max fillet rad r <sub>1</sub> in	0.062	0.093	0.125