



**Technical Details      Metric      Inch**

<b>Operating conditions</b>		
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

**DESIGN**

PROJA 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. PK8 is not suitable for a cylinder expected to hold position.

**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 datasheet.

**APPLICATIONS**

Light to medium duty applications