



**Technical Details**      **Metric**      **Inch**

<b>Operating conditions</b>		
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

**DESIGN**

PK4 is manufactured from high performance polyurethane which makes it flexible and easy installation and performance at low temperatures.

**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

**FEATURES**

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

**Surface roughness**

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface ØD <sub>1</sub>	0.1 - 0.4	4 max	4 - 16	5 - 18
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

**MATERIAL**

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

**Chamfers & Radii**

Groove section	0.215	0.187
Min chamfer C mm	0.093	0.093
Max fillet rad r <sub>1</sub> mm	0.008	0.008
Max fillet rad r <sub>2</sub> mm	0.016	0.016

**APPLICATIONS**

Light to medium duty applications

**Tolerances**

Ød	ØD	Lmm
f9	Js11	+0.010 - 0