



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

DESIGN

PK7 is manufactured from high performance polyurethane which makes it flexible and easy installation and performance at low temperatures.

Maximum extrusion gap

	160	250	400
Pressure bar			
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	0.1 - 0.4	4 max	4 - 16	5 - 18
ØD ₁				
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

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 ₁ mm	0.008	0.008
Max fillet rad r ₂ mm	0.016	0.016

APPLICATIONS

Light to medium duty applications

Tolerances

Ød	ØD	Lmm
f9	Js11	+0.010 - 0