



Technical Details

Operating conditions	Metric	Inch
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 OD_1 in	0.8 max	5 max	32 max	35 max
Static sealing face OD_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

Seal diameter $\leq \text{OD}_1$ in	2.000	3.000	6.500
Min chamfer C in	0.187	0.217	0.250
Max fillet rad r_1 in	0.062	0.093	0.125

DESIGN

PAS8 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 move-ments. PAS8 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