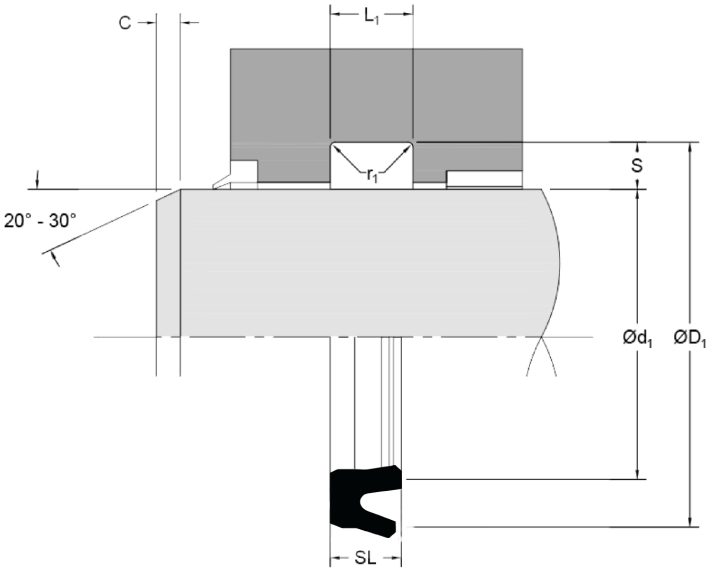
PAS2



Technical Details

Operating conditions	Metric	Inch
Maximum speed	1.0 m/sec	3.0 ft/sec
Temperature range	-45°C + 80°C	-50°F + 180°F
Maximum pressure	16 Bar	230 p.s.i

Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface $ØD_1$	0.1 - 0.4	4 max	4 -16	5 -18
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

Chamfers & Radii

Seal diameter ≤ S mm	4.0	5.0	7.5	10.0	12.5	15.0
Min chamfer C mm	3.0	3.5	5.0	6.5	7.0	8.0
Max fillet rad r_1 mm	0.2	0.4	0.8	0.8	1.2	1.6
Seal diameter ≤ S in	0.125	0.187	0.250	0.312	0.375	0.500
Min chamfer C in	0.093	0.093	0.125	0.156	0.187	0.217
Max fillet rad r_1 in	0.008	0.008	0.016	0.016	0.032	0.032

Tolerances

	$Ød_1$	$ØD_1$	L_1 mm
mm	H11	js11	+0.25 - 0
in	H11	js11	+0.010 - 0

DESIGN

PAS2 seal design is a breakthorugh in pneumatics sealing. The material and and profile of the dynamic sealing lip combines both low friction and ultra long life.

PAS2 is designed to give significant improvements in cylinder performance in low lube air conditions and be used in long and short stroke applications. PAS2 can be used in single acting cylinders with a spring return as well as double acting applications.

FEATURES

- **Effective sealing**
- **Low friction**
- **Easy installation**
- **Excellent temperature range**

MATERIAL

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

APPLICATIONS

Light duty applications

CERTIFIED Product Quality