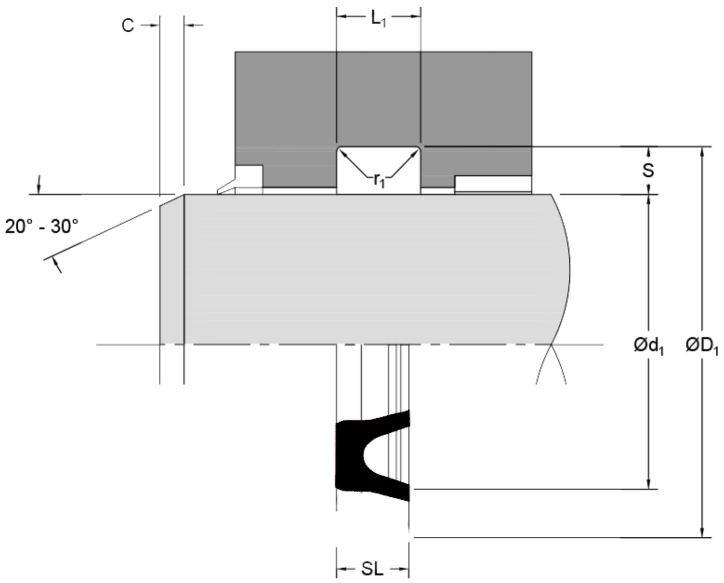
PAS34



Technical Details

	Metric	Inch
Operating conditions		
Maximum speed	0.5 m/sec	1.5 ft/sec
Temperature range	-30°C + 90°C	-22°F + 212°F
Maximum pressure	30 Bar	500 p.s.i

Maximum extrusion gap

Pressure bar	10	30
Maximum gap in	0.028	0.024
Pressure p.s.i	150	500

Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing face rod $Ød_1$	0.1 - 0.4	4 max	4 -16	5 -18
Static sealing face $ØD_1$	1.6 max	10 max	63 max	70 max
Dynamic sealing face Piston $ØD_1$	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face piston $Ød_1$	1.6 max	10 max	63 max	70 max
Sealing housing faces L_1	3.2 max	16 max	125 max	140 max

Chamfers & Radii

Seal diameter ≤ S in	0.187	0.250	0.312	0.375	0.500
Min chamfer C in	0.093	0.125	0.156	0.187	0.217
Max fillet rad r_1 in	0.008	0.016	0.016	0.032	0.032

Tolerances

	$Ød_1$	$ØD_1$	L_1 mm	L_1 in
Rod	f9	Js11	+0.25 - 0	+0.010 - 0
Piston	Js11	H9	+0.25 - 0	+0.010 - 0

DESIGN

PAS34 U ring is designed for low pressure pneumatic applications. The block U ring style can be used for pneumatic or light pressure applications in hydraulic cylinders.

Pressure ratings can be increased by using back-up rings.

FEATURES

- **Long life**
- **Easy installation**
- **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

CERTIFIED Product Quality