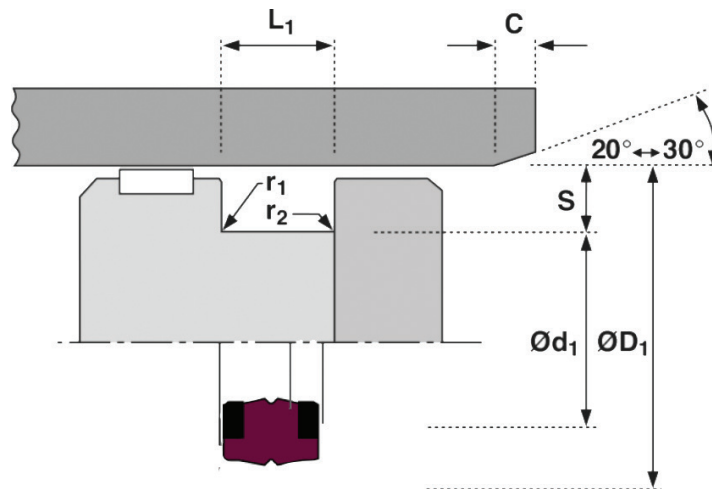




PK56SB



Technical Details

Operating conditions	Metric	Inch
Maximum speed	0.5 m/sec	1.5 ft/sec
Temperature range	-30°C + 100°C	-50°F + 212°F
Maximum pressure	500 Bar	7500 p.s.i

Maximum extrusion gap

Pressure bar	160	250	400	500
Maximum gap mm	0.35	0.3	0.2	0.1
Pressure p.s.i	2400	3750	6000	7500
Maximum gap in	0.016	0.012	0.008	0.004

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

Groove section ≤S mm	5.0	7.5	8.0	10.0	12.5
Min chamfer C mm	2.4	4.0	5.0	5.0	6.5
Max fillet rad r ₁ mm	0.4	0.8	0.8	1.2	1.6
Groove section ≤S in	0.250	0.312	0.375	0.500	0.625
Min chamfer C in	0.125	0.156	0.187	0.217	0.250
Max fillet rad r ₁ in	0.016	0.016	0.032	0.032	0.047

Tolerances

	ØD ₁	Ød ₁	L ₂
mm	H11	js11	+0.25 + 0
in	H11	js11	+0.030 + 0.020

DESIGN

PK56SB is a medium to heavy duty double acting seal. It is designed for split pistons and offers benefits such as sealing efficiency and low friction gained from rubber.

PK56SB seal is strong and durable and has the ability to retain lubricant which helps to keep friction low and reduce wear.

FEATURES

- Well proven seal design
- Tolerant to contamination
- Long life
- Made from high performance polyurethane

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