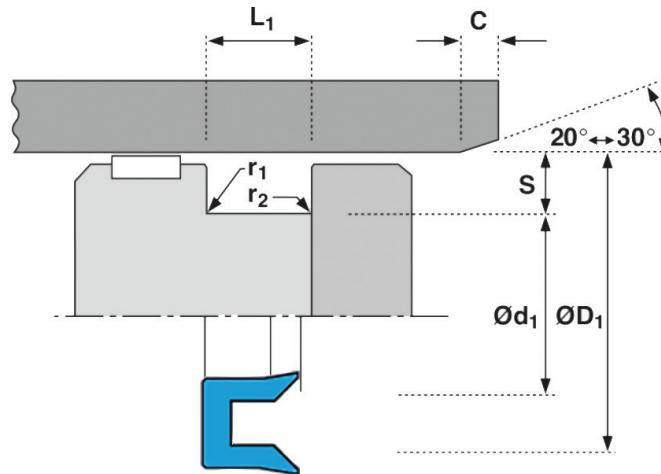




# PK16B



## Technical Details

### Metric

### Inch

## DESIGN

PK16B is a symmetrical piston seal designed to offer an effective bore sealing in a wide variety of applications. PK16B has a robust design to provided a more improved sealing and compression set characteristics over conventional U rings.

## FEATURES

- Flexible for easy installation
- Excellent wear resistance
- Robust design
- Wide 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

	$\mu\text{mRa}$	$\mu\text{mRt}$	$\mu\text{inCLA}$	$\mu\text{inRMS}$
Dynamic sealing surface $\text{ØD}_1$	0.1 - 0.4	4 max	4-16	5-18
Static sealing face $\text{Ød}_1$	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 $\leq S$ mm	4.0	5.0	7.5	10.0		
Min chamfer C mm	3.0	3.5	5.0	6.5		
Max fillet rad $r_1$ mm	0.2	0.4	0.8	0.8		
Groove section $\leq S$ 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	0.032	0.032	0.032

## Tolerances

$\text{ØD}_1$	$\text{Ød}_1$	$L_1$ mm	$L_1$ in
H9	js11	+0.25 - 0	+0.010 - 0

