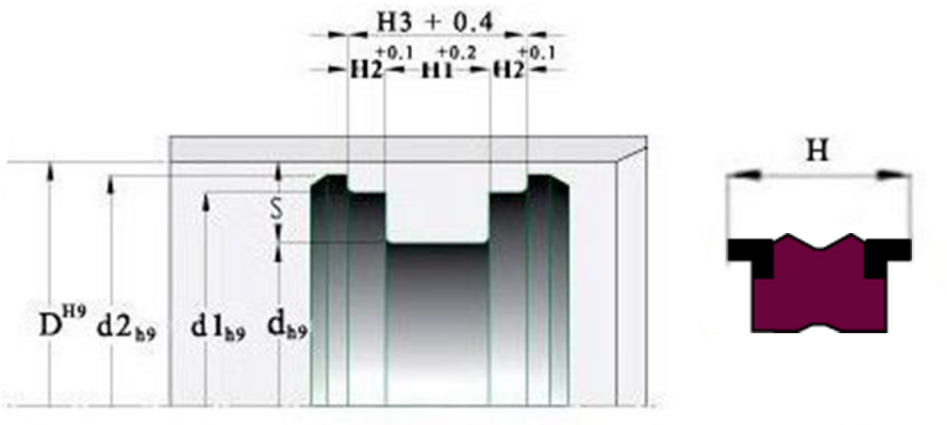
PK17PB



Technical Details

Operating conditions	Metric	Inch
Maximum speed	0.5 m/sec	1.5 ft/sec
Temperature range	-30°C + 100°C	-22°F + 212°F
Maximum pressure	160 Bar	2500 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 $Ød_1$ $Ød_2$	1.6 max	10 max	63 max	70 max
Static Housing faces $Ød_3$ L_1 L_2	3.2 max	16 max	125 max	140 max

Chamfers & Radii

Groove section ≤ S mm	3.75	5.00	6.50
Min chamfer C mm	2.00	2.50	4.00
Max fillet rad r_1 mm	0.40	0.40	0.40
Max fillet rad r_2 mm	0.20	0.20	0.20
Groove section ≤ S in	0.156	0.187	0.250
Min chamfer C in	0.078	0.093	0.125
Max fillet rad r_1 in	0.016	0.016	0.016
Max fillet rad r_2 in	0.008	0.008	0.008

Tolerances

	$ØD_1$	$Ød_1$	$Ød_2$	$Ød_3$	L_1	L_2
mm	H10	h9	h9	h11	+0.4 + 0.13	0 - 0.13
in	H10	h9	h9	h11	+0.015 + 0.005	0 - 0.005

DESIGN

PK17PB is ideal for light to medium duty piston applications. Its simple and effective design that enables the length of the piston to a minimum. The seal design to ensure an effective sealing at low pressures.

FEATURES

- **Compact design**
- **Easy assembly**
- **Low wear**
- **Long life**

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