



Technical Details

Metric

Inch

DESIGN

Operating conditions		
Maximum speed	0.5 m/sec	1.5 ft/sec
Temperature range	-30°C + 100°C	-22°F + 212°F
Maximum pressure	400 Bar	6000 p.s.i

PK8OBU, compact assembly designed and developed specifically for one piece pistons. The proportions of the range have been determined to give a satisfactory performance when used with the recommended operating conditions.

FEATURES

- Long life
- Wear Resistant
- Easy installation

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

Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face	1.6 max	10 max	63 max	70 max
Static Housing faces	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	15.0
Min chamfer C mm	4.0	4.0	5.0	5.0	6.5	7.5
Min chamfer C ₁ mm	0.4	0.4	0.4	0.4	0.8	0.8
Max fillet rad r ₁ mm	0.2	0.2	0.4	0.4	0.4	0.8
Max fillet rad r ₂ mm	0.2	0.2	0.2	0.2	0.2	0.4

Tolerances

ØD ₁	Ød ₁	Ød ₂	Ød ₃	L ₁	L ₂
H11	h10	f9	h11	+0.4 - 0	+0.1 - 0