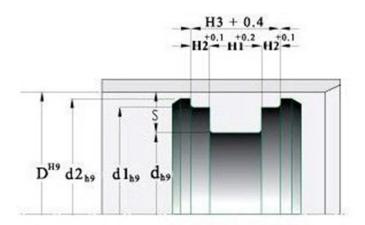




# K80BU



# Technical Details Metric Inch

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

# **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 <sub>1</sub> mm	0.4	0.4	0.4	0.4	0.8	0.8
Max fillet rad r mm	0.2	0.2	0.4	0.4	0.4	0.8
Max fillet rad r <sub>2</sub> mm	0.2	0.2	0.2	0.2	0.2	0.4

### **Tolerances**

ØD 1	Ød 1	Ød 2	Ød 3	L <sub>1</sub>	L <sub>2</sub>
H11	h10	f9	h11	+0.4 - 0	+0.1 - 0

### **DESIGN**

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.

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### **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

