



Technical Details Metric Inch

Operating conditions		
Maximum speed	4.0 m/sec	12.0 ft/sec
Temperature range	-45°C + 110°C	-50°F + 230°F

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 L ₁	3.2 max	16 max	125 max	140 max

Radii

Max fillet rad r ₁ mm	0.4
Max fillet rad r ₂ mm	0.2

Tolerances

Ød ₁	ØD ₁	ØD ₂	L ₁
f9	H11	H11	+0.2 - 0

DESIGN

WA1 is designed to snap into a standard housing and provide reliable medium duty dirt exclusion. The proportions of the wiping lip ensure that it remains in contact with the rod surface to remove all deposits of mud and other forms of contamination except for those found in heavy duty environment such as steel works and cement factories.

FEATURES

- Snug fit provides effective sealing
- Long wear - long life
- Easy installation
- Pressure relief ribs

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