



Technical Details **Metric** **Inch**

Operating conditions		
Maximum speed	4.0 m/sec	12.0 ft/sec
Temperature range	-40°C + 120°C	-40°F + 250°F

Surface roughness

	μmRa	μmRt	μinCLA	μinRMS
Dynamic sealing surface $\varnothing d_1$	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face $\varnothing D_1$ $\varnothing D_2$	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

Rod diameter $\varnothing d_1$ mm	≤ 50	≤ 90	≤ 200	> 200
Max fillet rad r_1 mm	0.4	0.4	0.4	0.8
Max fillet rad r_2 mm	0.2	0.4	0.6	0.8

Tolerances

$\varnothing d_1$	$\varnothing D_1$	$\varnothing D_2$	L_1 mm
f9	H11	H11	+0.2 - 0

DESIGN

WA7 wiper has been designed so that the proportions of the wiping lip ensure it maintains contact with the rod surface to remove heavily deposited mud. The diameter contacts the housing and has a sealing lip to prevent moisture from entering the groove.

FEATURES

- Outside lip for effective sealing
- Pressure relief ribs
- Effective scraping lip

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