



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 H	1.6 max	10 max	63 max	70 max
Static Housing faces L ₁	3.2 max	16 max	125 max	140 max

Radii

Rod Diameter Ød ₁	≤ 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
Rod diameter Ød ₁	≤ 2.000	≤ 3.500	≤ 7.875	> 7.875
Max fillet rad r ₁ in	0.016	0.016	0.016	0.032
Max fillet rad r ₂ in	0.008	0.016	0.024	0.032

Tolerances

	Ød	ØD ₁	ØD ₂	L ₁	h
mm	f9	H11	H11	+0.2 - 0	+0.10 + 0
in	f9	H11	H11	+0.008 - 0	+0.004 + 0

DESIGN

WA16R is rod wiper designed to prevent ingress of foreign particles and moisture in the cylinder. It is developed to be used in harsh environments.

The flap of the wiping lip covers the gland housing which prevents the water/slurry trap so common with conventional wipers and thus ingress of contamination around and also on the outside of the wiper.

FEATURES

- Excellent compression set
- Excellent wear & abrasive resistant

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