



Technical Details

Metric

Inch

Operating conditions		
Maximum speed	1.0 m/sec	3.0 ft/sec
Temperature range	-45°C + 110°C	-50°F + 230°F

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

Rod diameter $\varnothing d_1$	≤ 19	> 19
Min chamfer C mm	0.5	1.0
Max fillet rad r_1 mm	0.4	0.4
Rod diameter $\varnothing d_1$ in	< 0.75	> 0.75
Min chamfer C in	0.020	0.040
Max fillet rad r_1 in	0.016	0.016

Tolerances

$\varnothing d_1$	$\varnothing D_1$	L_1 mm	L_1 in
f9	H8	+0.5 - 0	+0.020 - 0

DESIGN

WA3 is a cased wiper designed to press fit into open groove housings. It is capable of operating in dirty conditions, the proportions of the polyurethane wiping lip allow it to follow the side movement of the rod and to clear away heavily deposited dirt.

WA3 is suitable for light, medium and heavy duty applications. The wiper has been designed to provide ease of installation and offers excellent durability in service.

FEATURES

- Long life
- Ease of assembly
- Precision trimmed wiping lip
- Made of high performance polyurethane
- Wide range of application uses

MATERIAL

Seal design comes in a variety of materials and sizes. For more information, please refer to MSDS datasheet.

APPLICATIONS

Light to heavy duty applications