



**Technical Details      Metric      Inch**

<b>Operating conditions</b>		
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 $\varnothing d_1$	$\leq 19$	$> 19$
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**

WACA 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.

WACA 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