



## Technical Details

Operating conditions	Metric	Inch
Maximum speed	0.55 m/sec	1.5 ft/sec
Temperature range	-30°C + 90°C	-22°F + 194°F
Maximum pressure	17 Bar	250 p.s.i

## Maximum extrusion gap

Pressure bar	17
Maximum gap mm	250
Pressure p.s.i	0.030

## Surface roughness

	$\mu\text{mRa}$	$\mu\text{mRt}$	$\mu\text{inCLA}$	$\mu\text{inRMS}$
Dynamic sealing surface $\varnothing D_1$ in	0.8 max	5 max	32 max	35 max
Static sealing face $\varnothing d_1$	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

Seal diameter $\leq \varnothing D_1$ in	2.000	3.000	6.500
Min chamfer C in	0.187	0.217	0.250
Max fillet rad $r_1$ in	0.062	0.093	0.125

## DESIGN

WA1F is a snap in rod wiper. The proportions of the wiping lip ensures that contact is maintained with the surface of the rod to remove heavily deposited mud, ice, etc.

The outside diameter contacts is protected by a sealing flap on the top of the housing and has a sealing lip to prevent moisture entering the groove. The moulded lips provides extra stability to the seal and helps to prevent pressure from being trapped.

## FEATURES

- Flexible for easy installation
- Long life
- Comes in a wide range of sizes

## MATERIAL

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

## APPLICATIONS

Light duty applications