



**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
Maximum pressure	400 Bar	6000 p.s.i

**Maximum extrusion gap**

Pressure bar	160	250	400
Maximum gap mm	0.6	0.5	0.4
Pressure p.s.i	2400	3750	6000

**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**

Groove section	4.0	5.0	7.5
Min chamfer C mm	3.0	3.5	5.0
Max fillet rad r <sub>1</sub> mm	0.2	0.4	0.8
Max fillet rad r <sub>2</sub> mm	0.4	0.8	1.2

**Tolerances**

Ød	ØD	Lmm
f9	Js11	+0.25 - 0

**DESIGN**

WA2P 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**

- Single acting seal
- Made of high performance polyurethane
- Excellent resistance to abrasion
- Ideal for bore misalignment

**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