



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

	μmRa	μmRt	μinCLA	μinRMS
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

WA2FI rod wiper is designed for harsh environments such as in the long wall mining industry. The wiping lip flap prevents water being trapped thus preventing moisture and foreign particles from accessing the cylinder. WA2FI rod wiper is manufactured from high performance polyurethane for good compression set, wear and abrasion resistance.

FEATURES

- Made from high performance polyurethane
- Long life
- Good compression set
- Wear and abrasion resistance

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