



**Technical Details**      **Metric**      **Inch**

<b>Operating conditions</b>		
Maximum speed	4.0 m/sec	12.0 ft/sec
Temperature range	-30°C + 100°C	-22°F + 212°F

**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**

	$\mu\text{mRa}$	$\mu\text{mRt}$	$\mu\text{inCLA}$	$\mu\text{inRMS}$
Dynamic sealing surface $\varnothing d_1$	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face $\varnothing D_1$ $\varnothing D_2$	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**

Max fillet rad $r_1$	0.015	0.015	0.035	0.035
Max fillet rad $r_2$ mm	0.008	0.008	0.008	0.008
Min Chamfer C	0.125	0.160	0.250	0.300
Cross section series	1M	2M	3M	4M

Max fillet rad $r_1$	0,7	1,0	1,2	1,5
Max fillet rad $r_2$ mm	0,2	0,2	0,2	0,2
Min Chamfer C	3,2	4,1	6,4	7,6

**Tolerances**

$\varnothing d_1$	$\varnothing D_1$	$\varnothing D_2$	$L_1$ MM	$L_1$ in
f9	H10	H11	+0.2 - 0	+0.008 - 0.0

**DESIGN**

WAXS is an energized O-ring, double acting rod wiper. It is designed to wipe the rod dry during extension and exclude contaminants during retraction.

**FEATURES**

- Protects primary seal from contamination
- Longer life
- Low friction - No stick slip
- Comes in wide range of sizes and materials

**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