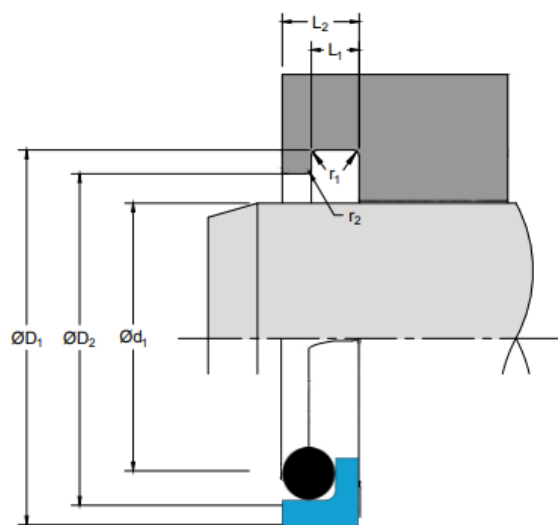




Technical Details	Metric	Inch
Operating conditions		
Maximum speed	4.0 m/sec	12.0 ft/sec
Temperature range	-30°C + 100°C	-22°F + 212°F

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

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface Ød ₁	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face ØD ₁ ØD 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

Ød ₁	ØD ₁	ØD 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