



Technical Details Metric Inch

Operating conditions		
Maximum speed	4.0 m/sec	12.0 ft/sec
Temperature range	-45°C +110°C	-50°F + 230°F

Surface roughness

	μmRa	μmRt	μinCLA	μinRMS
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

Seal diameter $\varnothing d_1$ mm	≤ 90	> 90
Min fillet r_1 mm	0.2	0.4
Max fillet rad r_2 mm	0.4	0.4

Tolerances

	$\varnothing d_1$	$\varnothing D_1$	$\varnothing D_2$	L_1
839 mm	f9	H11	H11	+0.2 - 0
839N mm	f9	+0 - 0.2	0.1	+0.4 - 0

DESIGN

WA12 wiper seal is precision moulded in high performance polyurethane. This is to ensure maximum wear resistance and is designed to exclude dirt and moisture from entering the cylinder and to collect traces of fluid passing the rod seal.

The two sealing lips opposite the wiper lip are accurately produced and proportioned to collect fluid passing the rod seal.

FEATURES

- Twin lip ensures drier sealing system
- Hard wearing material for long life
- Long life
- Comes in a variety 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