



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 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

Seal diameter Ød ₁ mm	≤ 90	> 90
Min fillet r ₁ mm	0.2	0.4
Max fillet rad r ₂ mm	0.4	0.4

Tolerances

	Ød ₁	ØD ₁	ØD ₂	L ₁
839 mm	f9	H11	H11	+0.2 - 0
839N mm	f9	+0 - 0.2	0.1	+0.4 - 0

DESIGN

WA11 wiper seal is precision moulded in high performance polyurethane. This ensures maximum wear resistance. The wiper seal 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
- 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