



**Technical Details      Metric      Inch**

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

**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**

Seal diameter $\varnothing d_1$ mm	$\leq 90$	$> 90$
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