



Technical Details	Metric	Inch
<b>Operating conditions</b>		
Maximum speed	1.0 m/sec	3.0 ft/sec
Temperature range	-30°C + 100°C	-22°F + 212°F

## DESIGN

WA7D prevents contaminants like dust, moisture and dirt from entering the gland. Its twin lip design helps retain small amounts of fluid that may by-pass the rod seal, ensuring a dry sealing system.

## Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface $\phi d_1$	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face $\phi D_1 \phi D_2$	1.6 max	10 max	63 max	70 max
Static Housing faces $L_1$	2.5 max	16 max	100 max	111 max

## FEATURES

- Flexible for easy installation
- Comes in a wide range of sizes

## MATERIAL

Seal design comes in a variety of materials and sizes. For more information, please refer to MSDS datasheet.

## Radii

Max fillet rad $r_1$ in	0.010
Max fillet rad $r_2$ in	0.020

## APPLICATIONS

Light to medium duty applications

## Tolerances

	$\phi d_1$	$\phi D_1$	$\phi D_2$	$L_1$
in	f9	+0.005 - 0	+0.010 - 0	+0.005 - 0