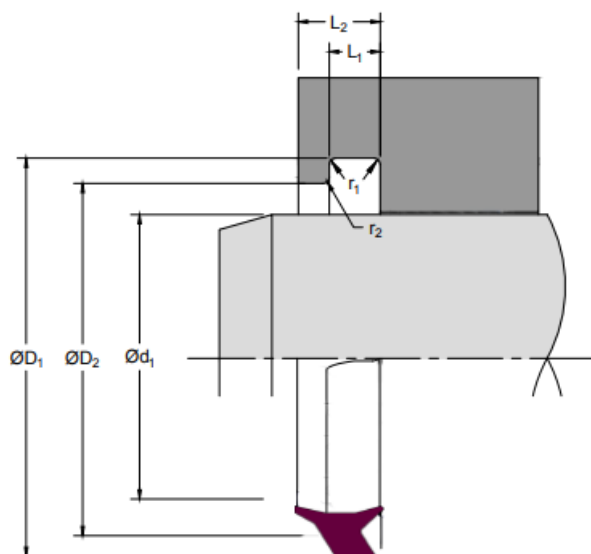




Technical Details

Metric

Inch

Operating conditions		
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 ϕd_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.

APPLICATIONS

Light to medium duty applications

Radii

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

Tolerances

	ϕd_1	ϕD_1	ϕD_2	L_1
in	f9	+0.005 - 0	+0.010 - 0	+0.005 - 0