



Technical Details Metric Inch

Operating conditions		
Maximum speed	15.0 m/sec	50.0 ft/sec
Temperature range	-45°C + 200°C	-49°F + 391°F

Surface roughness (Metric)

	μmRa	μmRt	μmRZ	*RMR
Dynamic sealing surface $\varnothing d_1$ in	0.05 -2	2 max	1.3 max	60% - 90%
Static sealing face $\varnothing D_1 \varnothing D_2$	1.6 max	10 max	7 max	60% - 90%
Static Housing faces L_1	3.2 max	16 max	10 max	60% - 90%

Surface roughness (Inch)

	μNRa	μNRt	μNRZ	*RMR
Dynamic sealing surface $\varnothing d_1$ in	2 - 8	78 max	52 max	60% - 90%
Static sealing face $\varnothing D_1 \varnothing D_2$	63 max	394 max	276 max	60% - 90%
Static Housing faces L_1	125 max	630 max	394 max	60% - 90%

* RMR is measured at 25% depth of Rz value which is based on a 0 reference level at 5% material/bearing area.

DESIGN

WAXD20 is a double acting, twin O-ring energised and rod wiper that is designed to include unique wiping capabilities. The lips are to scrape debris from the rod and contain residual oil on rod extension, as well as allowing oil to pump back into the cylinder.

The 2 O-ring energizers provide the force necessary to maintain the engagement of the wiping lips against the sliding surface and allow the wiper to adjust for deflection.

FEATURES

- Low friction
- No stick slip
- Keeps contamination out of cylinder
- Stable design for applications with excessive movement on rod.

MATERIAL

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

APPLICATIONS

Moderate to slightly heavy duty applications