



### Technical Details

### Metric

### Inch

Operating conditions		
Maximum speed	1.0 m/sec	3.0 ft/sec
Temperature range	30°C + 90°C	-22°F + 194°F
Maximum pressure	17 Bar	250 p.s.i

### 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 $\varnothing D_1$	1.6 max	10 max	63 max	70 max
Static Housing faces $L_1$	3.2 max	16 max	125 max	140 max

### Radii

Max fillet rad $r_1$ in	0.015
Max fillet rad $r_2$ in	0.062

### Tolerances

	$\varnothing d_1$	$\varnothing D_1$	$\varnothing D_2$	$L_2$
Inches	f9	+0.005 + 0	+0.005 + 0	+0.010 + 0

### DESIGN

WA13Z is designed to provide reliable dirt exclusion for heavy duty applications. The tough wiping lip will scrape away baked mud and residue. WA13Z robust design makes it flexible to stay in contact with the rod even under severe side loads.

The sealing lip on the outside diameter prevents ingress of contamination and helps retain the scraper in its snap-fit housing.

### FEATURES

- Simple snap-in installation
- Long life
- Robust design
- Resistance to abrasion
- Comes in a wide range 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 duty applications