



Technical Details Metric Inch

| Operating conditions | | |
|----------------------|--------------|---------------|
| Maximum speed | 0.55 m/sec | 1.5 ft/sec |
| Temperature range | -30°C + 90°C | -22°F + 194°F |
| Maximum pressure | 17 Bar | 250 p.s.i |

Maximum extrusion gap

| | |
|----------------|-------|
| Pressure bar | 17 |
| Maximum gap mm | 250 |
| Pressure p.s.i | 0.030 |

Surface roughness

| | µmRa | µmRt | µinCLA | µinRMS |
|---|---------|--------|---------|---------|
| Dynamic sealing surface ØD ₁ in | 0.8 max | 5 max | 32 max | 35 max |
| Static sealing face Ød ₁ | 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 ≤ ØD ₁ in | 2.000 | 3.000 | 6.500 |
| Min chamfer C in | 0.187 | 0.217 | 0.250 |
| Max fillet rad r ₁ in | 0.062 | 0.093 | 0.125 |

DESIGN

WA8 wiper seal is for use in either single or double acting light duty application. The seal design is responsive to low pressure fluctuations and has very low friction. It is also ideal for pneumatic applications.

The material used provides the seal lip with strength and durability which allows it to have the capability of operating in a wide tolerance tube with a generous surface finish. Additionally, wear and friction are kept to a minimum because of its ability to retain lubricant in the seal area.

FEATURES

- Flexible for easy installation
- Long life
- 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 duty applications