



Technical Details Metric Inch

Operating conditions		
Maximum speed	1.0 m/sec	3.0 ft/sec
Temperature range	-45°C + 110°C	-50°F + 230°F
Maximum pressure	400 Bar	6000 p.s.i

Maximum extrusion gap

Pressure bar	160	250	400
Maximum gap mm	0.6	0.5	0.4
Pressure p.s.i	2400d	3750	6000
Maximum gap in	0.024	0.020	0.016

Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface ød ₁	0.1 - 0.4	4 max	4 - 16	5 - 18
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

Groove section	4.0	5.0	7.5
Min chamfer C mm	3.0	3.5	5.0
Max fillet rad r ₁ mm	0.2	0.4	0.8
Max fillet rad r ₂ mm	0.4	0.8	1.2

Tolerances

ød	øD	Lmm
f9	Js11	+0.25 - 0

DESIGN

GS17 is an asymmetric seal offering superlative dry rod sealing for light and medium duty applications.

The twin lip design offers lower friction, improved sealing and primary lip protection and an increase in its stability.

FEATURES

- Made of high performance polyurethane
- Improve sealing
- Excellent resistance to abrasion
- Low friction

MATERIAL

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

APPLICATIONS

The seal can be considered for use in heavy-duty applications when used with a suitable full depth back-up ring.