



Technical Details

Metric

Inch

Operating conditions		
Maximum speed	4.0 m/sec	12.0 ft/sec
Temperature range	-40°C + 120°C	-40°F + 250°F

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 ØD ₂	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

Rod diameter Ød ₁ mm	≤ 50	≤ 90	≤ 200	> 200
Max fillet rad r ₁ mm	0.4	0.4	0.4	0.8
Max fillet rad r ₂ mm	0.2	0.4	0.6	0.8

Tolerances

Ød ₁	ØD ₁	ØD ₂	L ₁ mm
f9	H11	H11	+0.2 - 0

DESIGN

PAA5 has been designed so that the proportions of the wiping lip ensure it maintains contact with the rod surface to remove heavily deposited mud. The diameter contacts the housing and has a sealing lip to prevent moisture from entering the groove.

FEATURES

- Outside lip for effective sealing
- Pressure relief ribs
- Effective scraping lip

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