

Design

The AB Seals PGB is low friction and high wear resistant Polyamide machined compound it comes as per specific requirement. OD, ID & Length have to be mentioned to get perfected size for both piston & rod bearing.



For information about other material options available, please contact your local AB Seals office.

OPERATING RANGE

Technical details	Metric	Inch
Maximum Speed	3m/sec	9.84 ft/sec
Temperature Range	-55 to 120	-50 to 230F
Maximum Pressure	-	-
Operating Fluid	Standard hydraulic oils	

MATERIAL

• POLYAMIDE -PGF40

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools
- Injection cylinder
- hydraulic presses
- lift platforms

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

Technical details	Ra (um)	Rt (um)
Sliding Surface	0.3	1.5
Base Groove	0.8	6.3
Side Groove	3.2	15

Chamfers & Radii

Chamfer 4 - 10 mm
Radii 0.4 - 0.8 mm

Ordering Code:

- Example For Temperature -55 to 120, And PISTON ROD DIA 50mm, FOR WIDTH & THICK 9.7 & 2.5MM PGB505597
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.