

Design

The AB Seals BRI is used mainly on gland to protect piston rod in coming in contact with each other is as a U-shape corrosion with an angled split butt join the number of bearing rings depended on the maximum load.



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-PGF30

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

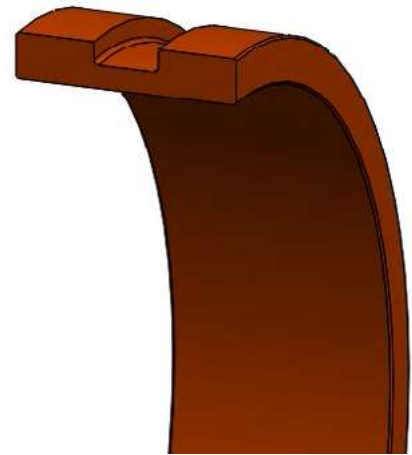
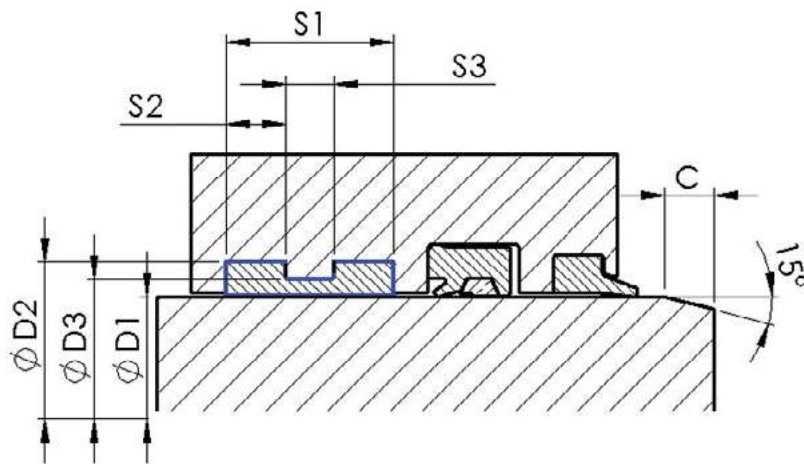
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.3	1.5
Base Groove	0.8	6.3
Side Groove	3.2	15

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 BRI505619
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	S1	ØD3	S3	S2	PART NO.
20	26	19	23	6	6.5	BRI202619
22	28	19	25	6	6.5	BRI222819
25	31	19	28	6	6.5	BRI253119
28	34	19	31	6	6.5	BRI283419
30	36	19	33	6	6.5	BRI303619
32	38	19	35	6	6.5	BRI323819
36	42	19	39	6	6.5	BRI364219
40	46	19	43	6	6.5	BRI404619
45	51	19	48	6	6.5	BRI455119
50	56	19	53	6	6.5	BRI505619
56	62	19	59	6	6.5	BRI566219
60	70	24	65	7	8.5	BRI607024
63	73	24	68	7	8.5	BRI637324
65	75	24	70	7	8.5	BRI657524
70	80	24	75	7	8.5	BRI708024
75	85	24	80	7	8.5	BRI758524
80	90	24	85	7	8.5	BRI809024
85	95	24	90	7	8.5	BRI859524
90	100	24	95	7	8.5	BRI9010024
100	110	24	105	7	8.5	BRI10011024
110	120	24	115	7	8.5	BRI11012024
115	125	24	120	7	8.5	BRI11512524
120	130	24	125	7	8.5	BRI12013024
125	135	24	130	7	8.5	BRI12513524
140	150	24	145	7	8.5	BRI14015024
150	162	35	156	15	10	BRI15016235
160	172	35	166	15	10	BRI16017235
180	192	35	186	15	10	BRI18019235
200	212	35	206	15	10	BRI20021235
230	242	35	236	15	10	BRI23024235
250	262	35	256	15	10	BRI25026235