

Design

The AB Seals REO is a high performance general purpose seal suitable for rod and piston use. Manufactured in Polyurethane AB Seals REO is engineered to effect a good seal in most industrial cylinder applications. The sealing lips are accurately machine trimmed to ensure good low pressure sealing while the material resists extrusion at high pressures.



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

OPERATING RANGE

Technical details	Metric	Inch
Maximum Speed	0.5m/sec	1.6 ft/sec
Temperature Range	-35 to 110	-31 to 230F
Maximum Pressure	500 bar	7251.89 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

• Polyurethane-PUA/PUB/
PUAB/PU95/ NBR75/ DE

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

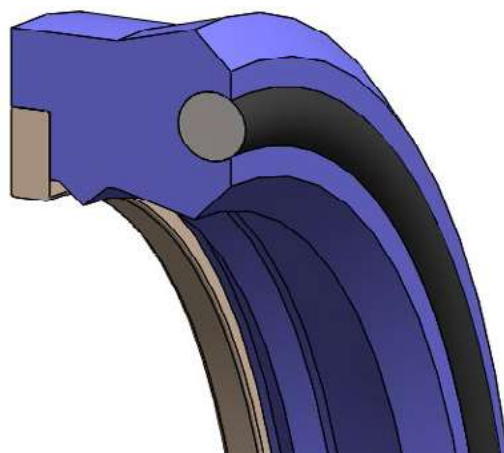
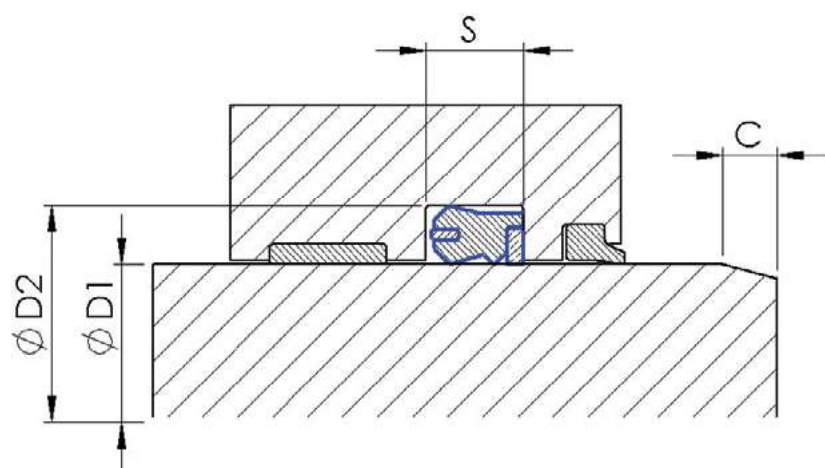
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	1.6	6.3
Side Groove	3.2	10

Chamfers & Radii

Chamfer 4 – 10 mm
Radii 0.4 – 0.8 mm

Ordering Code:

- Example For Temperature -35 to 110, And PISTON ROD DIA 60mm REO6075125
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	S	PART NO.
40	55	12.5	REO4055125
55	65	12.5	REO5565125
56	71	12.5	REO5671125
60	75	12.5	REO6075125
63	78	12.5	REO6378125
65	80	12.5	REO6580125
70	85	12.5	REO7085125
75	90	12.5	REO7590125
80	95	12.5	REO8095125
85	100	12.5	REO85100125
90	105	12.5	REO90105125
100	115	13	REO10011513
110	130	16	REO11013016
120	140	16	REO12014016
125	145	16	REO12514516
130	150	16	REO13015016
140	160	16	REO14016016
150	170	16	REO15017016
160	180	16	REO16018016
170	190	16	REO17019016
180	205	20	REO18020520
190	215	20	REO19021520
200	230	25	REO20023025
220	250	25	REO22025025
230	260	25	REO23026025
240	270	25	REO24027025