RE

ROD SEAL

Design

The AB seals RE is a high performance general purpose seal suitable for rod and piston use. Manufactured in Polyurethane AB seals RE 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	1.0m/sec	3.0 ft/sec
Temperature Range	-45 to 110	-50 to 230F
Maximum Pressure	400 bar	6000 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Polyurethane-PUA/PUB / PUAB/PU95/DE
- Fluorocarbon Rubber - VKM75

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools
- Injection cylinder
- Hydraulic presses
- Lift platforms

Maximum Extrutions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

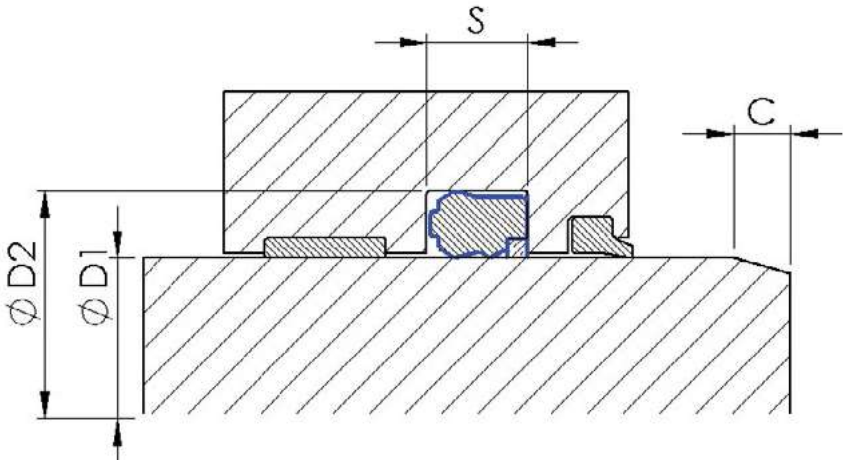
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	1.6	6.3
Side Groove	3.2	10

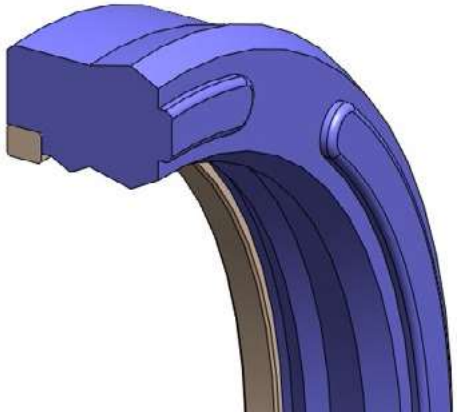
Chamfers & Radii

Chamfer 4 - 10 mm
Radii 0.4 - 0.8 mm

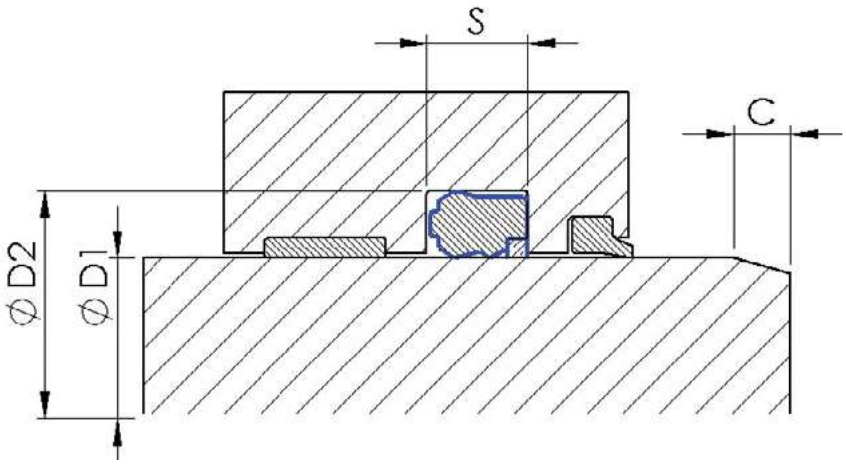
Ordering Code:

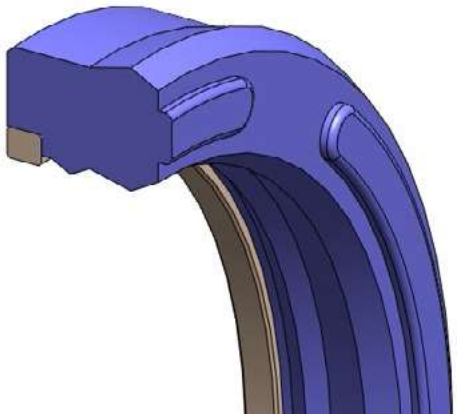
- Example For Temperature -45 to 110, And PISTON ROD DIA 50mmRE50608
- For Temperature -45 to 200, And PISTON ROD DIA 50mmREV50608
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.





ØD1	ØD2	S	PART NO.
20	30	9	RE20309
22	32	8	RE22328
25	35	8	RE25358
28	38	8	RE28388
30	40	11	RE304011
32	42	8	RE32428
35	45	9.5	RE354595
36	46	8	RE36468
40	48	8	RE40488
42	54	11	RE425411
45	55	8	RE45558
50	60	8	RE50608
52	68	13	RE526813
55	63	7.5	RE556375
56	71	12.5	RE5671125
60	70	8	RE60708
63	78	12.5	RE6378125
70	85	12.5	RE7085125
80	`95	12.5	RE8095125
90	110	16	RE9011016
100	120	16	RE10012016
110	130	15	RE11013015
125	145	16	RE12514516
130	150	16	RE13015016





ØD1	ØD2	S	PART NO.
140	160	16	RE14016016
150	170	16	RE15017016
160	185	20	RE16018520
175	195	16	RE17519516
180	205	20	RE18020520
200	225	20	RE20022520
280	310	25	RE28031025
320	360	32	RE32036032
360	400	32	RE36040032