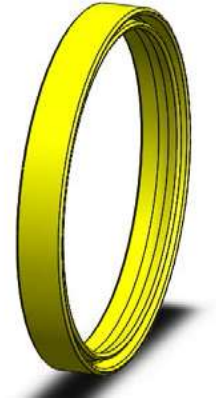


Design

LS is used mainly in telescopic cylinder. Its manufactured in polyurethane and have two sealing lips on the inside. After installation the lips of the seal compress against telescopic ram providing sealing function at zero pressure.



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

OPERATING RANGE

Technical details	Metric	Inch
Maximum Speed	1 m/sec	3.28 ft/sec
Temperature Range	-35 to +100	-22 to +212F
Maximum Pressure	250 bar	3625 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

• Polyurethane-PUA/PUB/PUAB/PU95

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

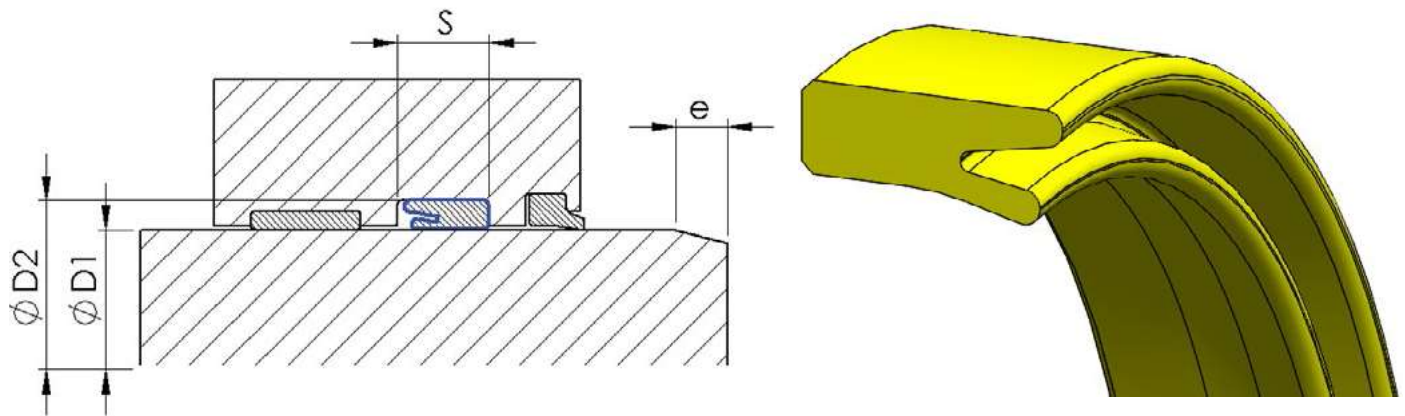
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.5
Base Groove	0.8	6.3
Side Groove	3.2	15

Chamfers & Radii

Chamfer 3.75 – 10.5
Radii 0.4 – 0.8 mm

Ordering Code:

- Example For Temperature -35 to 100, And PISTON ROD DIA 50mm - LS505812
- 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.
45	53	12	LS455312
50	58	12	LS505812
55	63	12	LS556312
60	68	12	LS606812
63	71	12	LS637112
65	73	12	LS657312
70	78	12	LS707812
75	83	12	LS758312
78	86	12	LS788612
80	88	12	LS808812
85	93	12	LS859312
90	98	12	LS909812
95	103	12	LS9510312
100	108	12	LS10010812
105	113	12	LS10511312
110	118	12	LS11011812
115	123	12	LS11512312
118	126	12	LS11812612
120	128	12	LS12012812
125	133	12	LS12513312
128	136	12	LS12813612
130	138	12	LS13013812
135	143	12	LS13514312
138	146	12	LS13814612
140	148	12	LS14014812
142	150	12	LS14215012
145	153	12	LS14515312
150	156	12	LS15015612
155	163	12	LS15516312
160	168	12	LS16016812
165	173	12	LS16517312
200	208	12	LS20020812