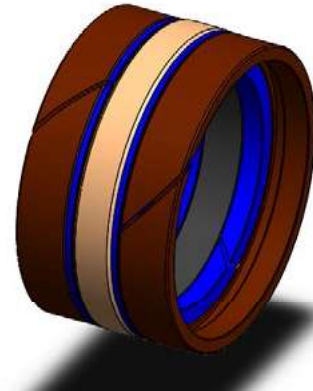


Design

The Slide ring seal for piston SRS acts a double acting hydraulic seals. Its construction prefers for heavy duty machinery cylinders. The SRS consist of 6 part, an elastic internal ring of NBR, a sealing ring of abrasion proof PTFE bronze compound two lateral support ring of Polyurethane and two bearing rings of pressure resistant PGF30 compound. The elastic internal ring provides initial pressure by means of which the side ring is pressed against the cylinder wall even in the pressure is less.



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	-30 to +120	-22 to 248
Maximum Pressure	350 bar	5076 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Slide ring – PTB4/PTB6
- Support ring- PUS / TF01
- Energizer – NBR75 / VKM75
- Bearing – 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

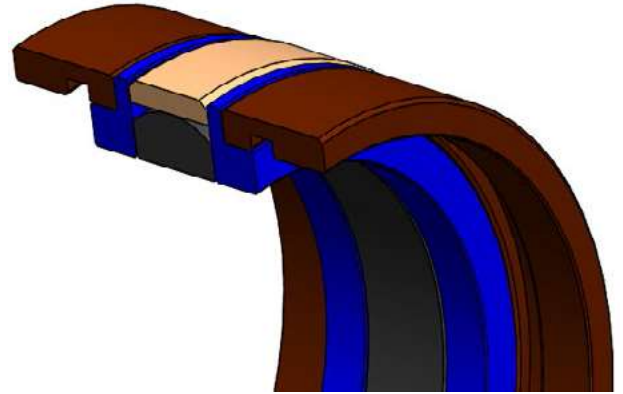
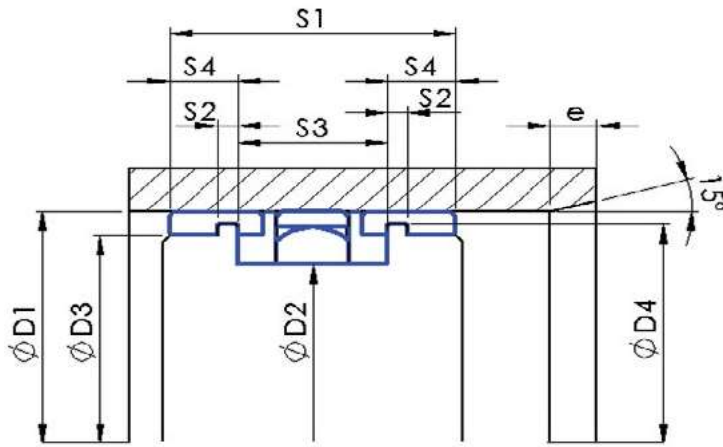
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.4	1.5
Base Groove	1	6.3
Side Groove	3.5	15

Chamfers & Radii

Chamfer 7 – 15 mm
Radii 0.4 – 8 mm

Ordering Code:

- Example For Temperature -30 to 120, And Tube Bore 50mm – SRS503439
- 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	ØD4	S2	S3	S4	PART NO.
40	26	32	32	36	3.5	15.5	8.25	SRS402632
50	34	39	42	46	3	20.5	9.25	SRS503439
63	47	39	55	59	3	20.5	9.25	SRS634739
80	62	43	72	76	3	22.5	10.25	SRS806243
90	72	43	82	86	3	22.5	10.25	SRS907243
100	82	43	92	96	3	22.5	10.25	SRS1008243
110	92	43	102	106	3	22.5	10.25	SRS1109243
120	102	43	112	116	3	22.5	10.25	SRS12010243
125	103	53	115	121	4	26.5	13.25	SRS12510353
127	105	53	117	123	4	26.5	13.25	SRS12710553
140	118	53	130	136	4	26.5	13.25	SRS14011853
150	128	53	140	146	4	26.5	13.25	SRS15012853
160	138	53	150	156	4	26.5	13.25	SRS16013853
180	158	57	170	176	6	26.5	15.25	SRS18015857
200	175	64	190	196	4.5	31.5	16.25	SRS20017564
220	195	71	210	216	8	31.5	19.75	SRS22019571
225	200	71	215	221	8	31.5	19.75	SRS22520071
250	225	85	240	246	15	31.5	26.75	SRS25022585
265	240	85	255	261	15	31.5	26.75	SRS26524085
300	275	85	290	296	15	31.5	26.75	SRS30027585
340	310	80	328	334	8.5	36.5	21.75	SRS34031080
400	370	80	388	394	8.5	36.5	21.75	SRS40037080
480	450	80	468	474	8.5	36.5	21.75	SRS48045080