

Design

This tandem seal SST is a rod seal provides the designer with a compact low friction seal for light to medium duty hydraulic cylinders. It is designed to have high contact area with the rod to retain the media at low pressure. Standard seals are supplied with a nitrile sq ring but other materials can also be provided.



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 +100 | -.22F + 212F |
| Maximum Pressure | 360 bar | 5220 P.S.I |
| Operating Fluid | Standard hydraulic oils | |

MATERIAL

- Main seal- PTB4 / PTB6
- O' ring- NBR 75 / VKM75

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

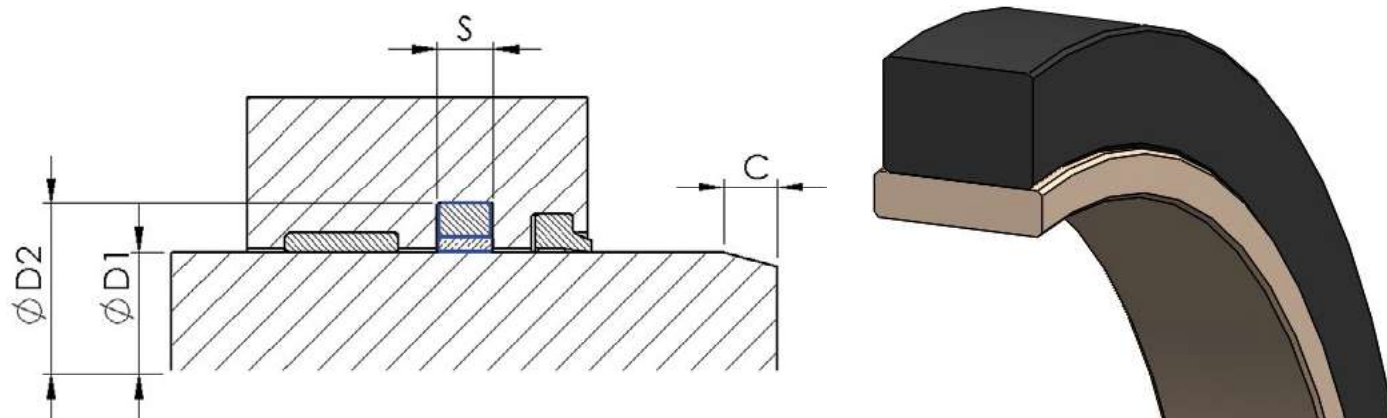
| Technical details | Ra (um) | Rt (um) |
|-------------------|---------|---------|
| Sliding Surface | 0.1 | 1.6 |
| Base Groove | 1.6 | 6.3 |
| Side Groove | 3.2 | 10 |

Chamfers & Radii

Chamfer 4 – 10 mm
Radii 0.4 – 0.8 mm

Ordering Code:

- Example For Temperature -30 to 100, And PISTON ROD DIA 70mm SST708375
- For Temperature -30 to 200, And PISTON ROD DIA 70mm SSTV708375
- 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. |
|------|-------|-----|--------------|
| 18 | 27 | 4.5 | SST182745 |
| 20 | 29 | 4.5 | SST202945 |
| 22 | 31 | 4.5 | SST223145 |
| 27 | 36 | 4.5 | SST273645 |
| 31.5 | 40.5 | 4.5 | SST31540545 |
| 47 | 60 | 7.5 | SST476075 |
| 53 | 66 | 7.5 | SST536675 |
| 60 | 73 | 7.5 | SST607375 |
| 65 | 78 | 7.5 | SST657875 |
| 70 | 83 | 7.5 | SST708375 |
| 75 | 88 | 7.5 | SST758875 |
| 80 | 93 | 7.5 | SST809375 |
| 90 | 103.4 | 7.5 | SST90103475 |
| 100 | 113.4 | 7.5 | SST100113475 |
| 105 | 118.4 | 7.5 | SST105118475 |
| 110 | 123.4 | 7.5 | SST110123475 |
| 120 | 133.4 | 7.5 | SST120133475 |
| 130 | 143.4 | 7.5 | SST130143475 |
| 140 | 153.4 | 7.5 | SST140153475 |