

Design

This tandem seal PTRC is a piston 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	1.5 m/sec	4.9 ft/sec
Temperature Range	-30 to +100	-22 to 212
Maximum Pressure	500 bar	7250 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Main seal- PTB4 / PTB6
- Sq Ring- NBR 75 / VKM75

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools
- Lift platforms

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.1 to .3 mm

Surface Roughness

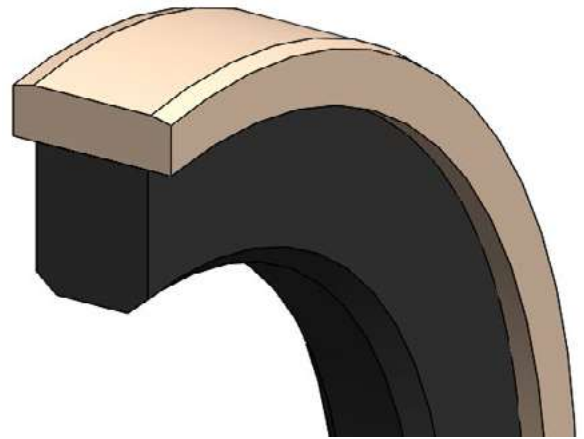
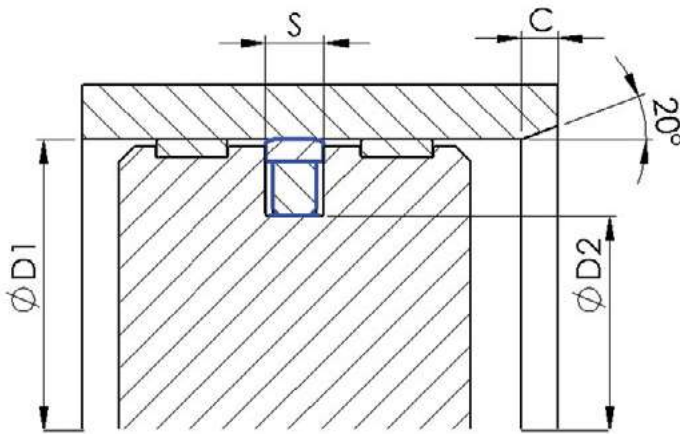
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.4	4
Base Groove	1.6	10
Side Groove	3.2	16

Chamfers & Radii

Chamfer 3.75 – 10.5
Radii 0.4 – 8 mm

Ordering Code:

- Example For Temperature -30 to 100, And TUBE BORE 80mm PTRC80598
- For Temperature -30 to 200, And TUBE BORE 80mm PTRCV80598
- 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.
75	54	8	PTRC75548
80	59	8	PTRC80598
90	69	8	PTRC90698
95	74	8	PTRC95748
100	79	8	PTRC100798
105	84	8	PTRC105848
110	89	8	PTRC110898
115	94	8	PTRC115948
120	99	8	PTRC120998
125	104	8	PTRC1251048
130	109	8	PTRC1301098
135	114	8	PTRC1351148
140	119	8	PTRC1401198
145	124	8	PTRC1451248
150	129	8	PTRC1501298
160	139	8	PTRC1601398
170	149	8	PTRC1701498
180	159	8	PTRC1801598
190	169	8	PTRC1901698
200	179	8	PTRC2001798