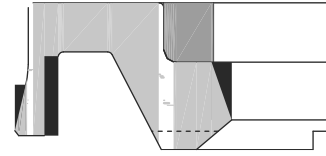


SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS

ROD SEAL

RS063



Features:

Rod seal profile RS063 consists of two piece seal set with one seal ring and one backup ring used as buffer seal before RS027, RS036, and RS045.

Composition:

Seal Component	Material	Code
Seal Ring	Polyurethane	PUHP95
Backup Ring	Polyamide	PA6600

Properties:

- 1 Easy installation primary seal
- 1 No pressure built up between primary and secondary seal
- 1 Low friction , free of stick slip
- 1 High abrasion resistance.
- 1 Wide temperature Range.
- 1 Good thermal conductivity.
- 1 Low wear and high extrusion resistance.

Application:

- Ø Mobile Hydraulics
- Ø Injection molding machines
- Ø Machine tools
- Ø Material Handling Equipments.

General Technical Data:

Temperature range	-20°C to +110°C
Working Pressure(max.)	400 bar
Surface Speed(max.)	0.5 m/s

Surface finish:

Roughness depth	R(max)	Ra
Sliding surface	£ 2.5 µm	0.05-0.3 µm
Bottom of groove	£ 6.3 µm	£ 1.6 µm
Side of groove	£ 15 µm	£ 3µm

Extrusion Gap dimension:

The gap dimension on the non-pressurized side of the seal is decisive for sealing function. Figures show the maximum permissible gap all on one side using the maximum clearance Ø and min rod Ø.

Maximum permissible gap dimension (s)			
160 bar	260 bar	320 bar	400 bar
0,4	0,35	0,3	0.2

SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS

Installation:

RS063 is very easy to fit. Careful fitting of the seal is a prerequisite for its perfect functioning.

Ordering format:

Please mention SHREENATHJI order code in your order. Example: Housing size 40 X 55.5 X 6.3

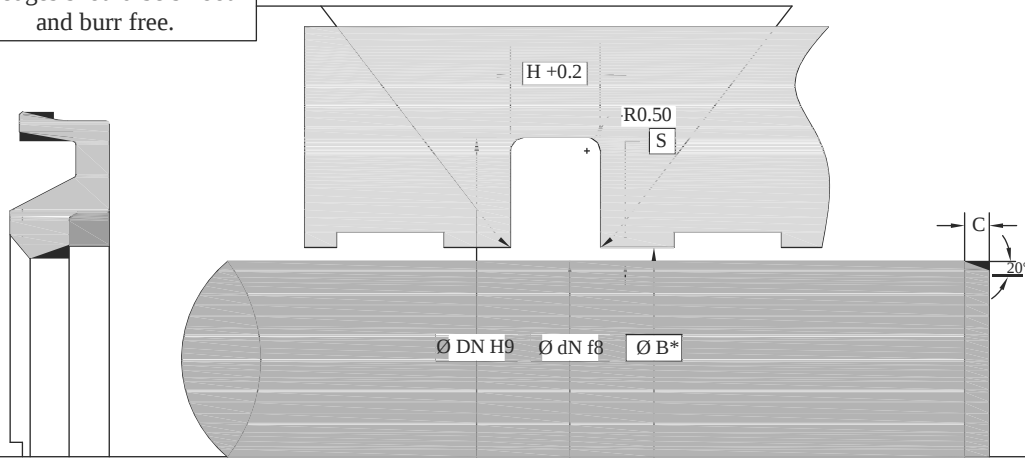
Order code is RS063-U-0400-0555-063

We have given all metric(mm) sizes here. For Imperial (inch) sizes please contact SHREENATHJI at info@shreenathjiandco.com

SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS

All edges should be smooth and burr free.



* FOR Ø B Refer to Maximum permissible gap (S) table considering the eccentricity of operating condition

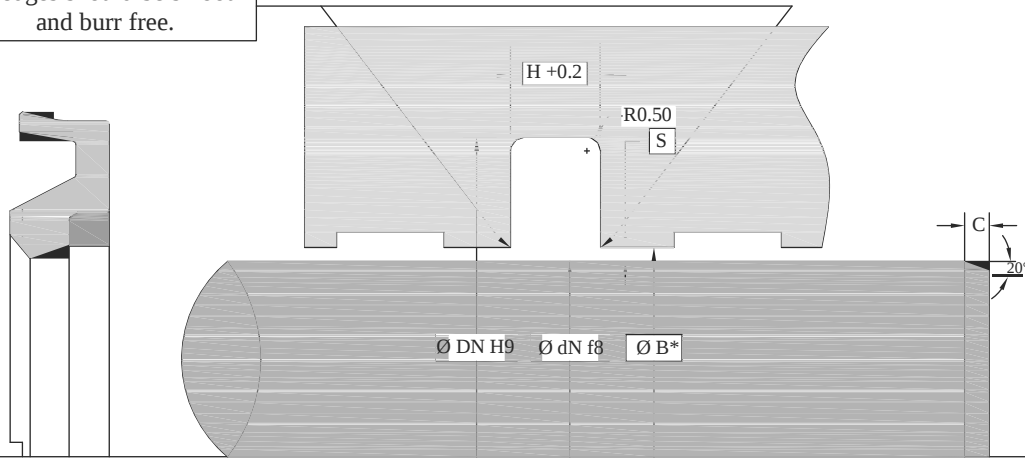
OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H9	H(+0.2)	ORDER CODE
40	-0.025 -0.064	55.5	+0.000 +0.074	6.3	RS063-U-0400-0555-063
45	-0.025 -0.064	60.5	+0.000 +0.074	6.3	RS063-U-0450-0605-063
50	-0.025 -0.064	65.5	+0.000 +0.074	6.3	RS063-U-0500-0655-063
55	-0.030 -0.076	70.5	+0.000 +0.074	6.3	RS063-U-0550-0705-063
56	-0.030 -0.076	71.5	+0.000 +0.074	6.3	RS063-U-0560-0715-063
60	-0.030 -0.076	75.5	+0.000 +0.074	6.3	RS063-U-0600-0755-063
63	-0.030 -0.076	78.5	+0.000 +0.074	6.3	RS063-U-0630-0785-063
65	-0.030 -0.076	80.5	+0.000 +0.087	6.3	RS063-U-0650-0805-063
70	-0.030 -0.076	85.5	+0.000 +0.087	6.3	RS063-U-0700-0855-063
75	-0.030 -0.076	90.5	+0.000 +0.087	6.3	RS063-U-0750-0905-063
80	-0.030 -0.076	95.5	+0.000 +0.087	6.3	RS063-U-0800-0955-063
85	-0.036 -0.090	100.5	+0.000 +0.087	6.3	RS063-U-0850-1005-063
90	-0.036 -0.090	105.5	+0.000 +0.087	6.3	RS063-U-0900-1055-063
95	-0.036 -0.090	110.5	+0.000 +0.087	6.3	RS063-U-0950-1105-063
100	-0.036 -0.090	115.5	+0.000 +0.087	6.3	RS063-U-1000-1155-063
105	-0.036 -0.090	120.5	+0.000 +0.100	6.3	RS063-U-1050-1205-063
110	-0.036 -0.090	125.5	+0.000 +0.100	6.3	RS063-U-1100-1255-063

SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS

All edges should be smooth and burr free.



* FOR Ø B Refer to Maximum permissible gap (S) table considering the eccentricity of operating condition

OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H9	H(+0.2)	ORDER CODE
115	-0.036 -0.090	130.5	+0.000 +0.100	6.3	RS063-U-1150-1305-063
120	-0.036 -0.090	135.5	+0.000 +0.100	6.3	RS063-U-1200-1355-063
125	-0.043 -0.106	140.5	+0.000 +0.100	6.3	RS063-U-1250-1405-063
130	-0.043 -0.106	145.5	+0.000 +0.100	6.3	RS063-U-1300-1455-063
135	-0.043 -0.106	150.5	+0.000 +0.100	6.3	RS063-U-1350-1505-063
140	-0.043 -0.106	155.5	+0.000 +0.100	6.3	RS063-U-1400-1555-063
150	-0.043 -0.106	165.5	+0.000 +0.100	6.3	RS063-U-1500-1655-063
160	-0.043 -0.106	175.5	+0.000 +0.100	6.3	RS063-U-1600-1755-063
170	-0.043 -0.106	185.5	+0.000 +0.115	6.3	RS063-U-1700-1855-063
180	-0.043 -0.106	195.5	+0.000 +0.115	6.3	RS063-U-1800-1955-063
190	-0.050 -0.122	205.5	+0.000 +0.115	6.3	RS063-U-1900-2055-063
200	-0.050 -0.122	221.0	+0.000 +0.115	8.1	RS063-U-2000-2210-081