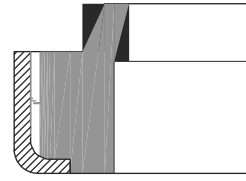


SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS

DUST SEAL

DS033



Features:

Wiper seal DS-033 is a single acting rod wiper with metal casing for open housing.

Composition:

Seal profile type	DS033-U	DS033-N
Material	Polyurethane	Nitrile Butadiene Rubber (NBR)
Code	PUAB94	NBR90
Metal casing	Mild steel	Mild steel

Properties:

- 1 Easy push fit installation
- 1 Very good wiping action
- 1 Wiper can be used for a broad temperature range
- 1 No pressure build-up between seal and wiper

Application:

- Ø Presses, fork lift & material handling equipments
- Ø Injection molding machines
- Ø Standard cylinders

General Technical Data:

Seal profile	DS033-U	DS033-N
Temperature range	-20°C to +110°C	-20°C to +100°C
Linear velocity	0.5 m/s.	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

Fitting:

Wiper seal DS-033 are pressed in to axially-open housings. Careful fitting is prerequisite for perfect functioning of the wiper seal.

Ordering format:

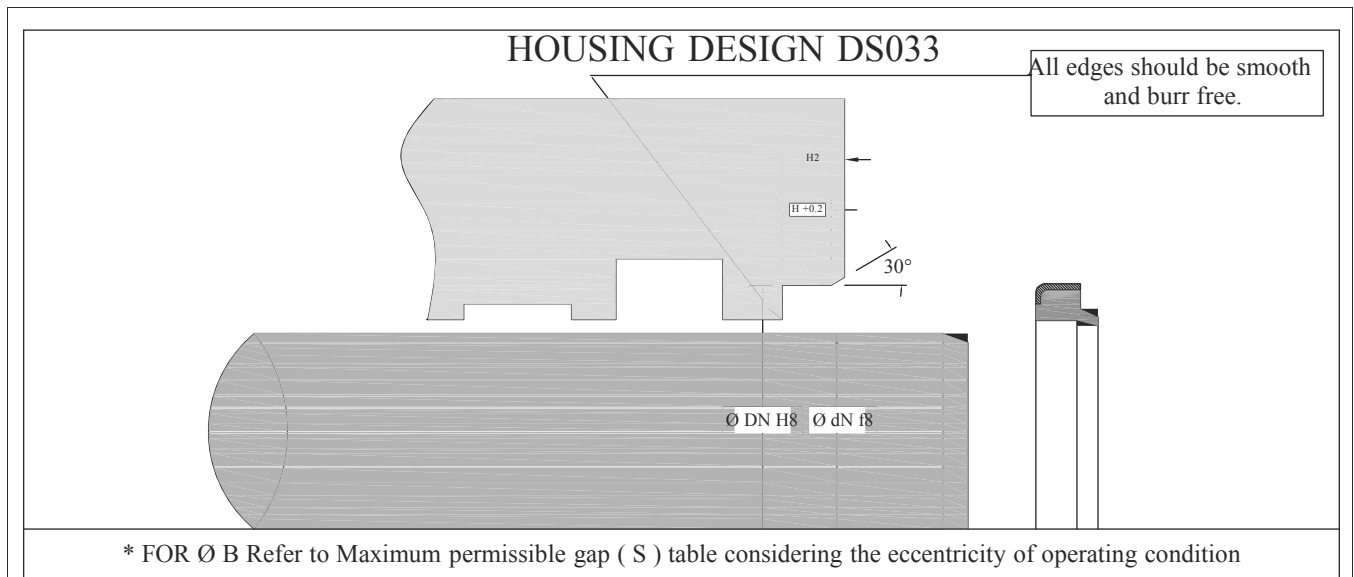
Please mention SHREENATHJI order code in your order. Example: Size 28 X 38 X 5 / 7

For Temp range: -20°C to +100°C Material Polyurethanes, The Order code is DS033-U-0280-0380-050070
For Temp range: -20°C to +100°C Material NBR, The Order code is DS033-N-0280-0380-050070

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

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SEALS FOR HYDRAULICS & PNEUMATICS

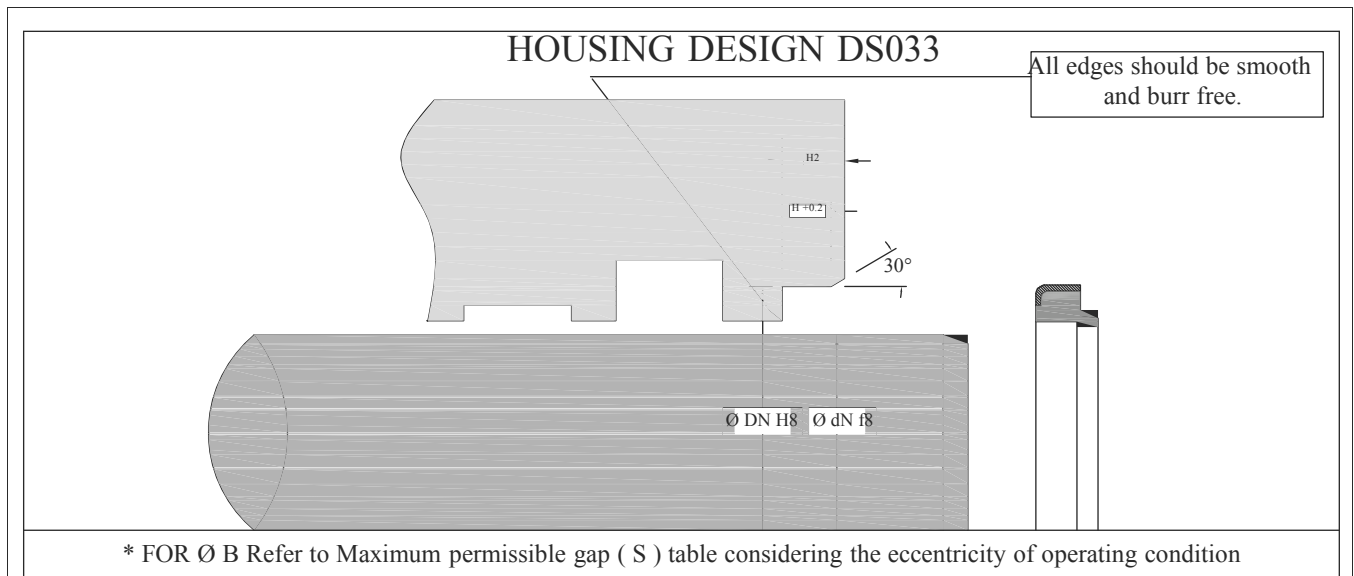


OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL.H8	H1+0.2	H2	ORDER CODE
						For Polyurethane use DS033-U For NBR use DS033-N
28	-0.020 -0.053	38	+0.000 +0.039	5	7	DS033-U/N/F-0280-0380-050070
30	-0.020 -0.053	40	+0.000 +0.039	5	7	DS033-U/N/F-0300-0400-050070
32	-0.025 -0.064	42	+0.000 +0.039	5	7	DS033-U/N/F-0320-0420-050070
35	-0.025 -0.064	45	+0.000 +0.039	7	10	DS033-U/N/F-0350-0450-070110
36	-0.025 -0.064	45	+0.000 +0.039	7	10	DS033-U/N/F-0360-0450-070110
40	-0.025 -0.064	50	+0.000 +0.039	7	10	DS033-U/N/F-0400-0500-070110
45	-0.025 -0.064	55	+0.000 +0.046	7	10	DS033-U/N/F-0450-0550-070110
50	-0.025 -0.064	60	+0.000 +0.046	7	10	DS033-U/N/F-0500-0600-070110
56	-0.030 -0.076	66	+0.000 +0.046	7	10	DS033-U/N/F-0560-0660-070110
60	-0.030 -0.076	70	+0.000 +0.046	7	10	DS033-U/N/F-0600-0700-070110
63	-0.030 -0.076	75	+0.000 +0.046	7	10	DS033-U/N/F-0630-0750-070110
70	-0.030 -0.076	80	+0.000 +0.046	7	10	DS033-U/N/F-0700-0800-070110
75	-0.030 -0.076	85	+0.000 +0.054	7	10	DS033-U/N/F-0750-0850-070110
80	-0.030 -0.076	90	+0.000 +0.054	7	10	DS033-U/N/F-0800-0900-070110
85	-0.036 -0.090	95	+0.000 +0.054	7	10	DS033-U/N/F-0850-0950-070110
90	-0.036 -0.090	100	+0.000 +0.054	7	10	DS033-U/N/F-0900-1000-070110

SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS



OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL.H8	H1+0.2	H2	ORDER CODE
						For Polyurethane use DS033-U For NBR use DS033-N
95	-0.036 -0.090	105	+0.000 +0.054	7	10	DS033-U/N/F-0950-1050-070110
100	-0.036 -0.090	110	+0.000 +0.054	7	10	DS033-U/N/F-1000-1100-070110
110	-0.036 -0.090	120	+0.000 +0.054	7	10	DS033-U/N/F-1100-1200-070110
120	-0.036 -0.090	130	+0.000 +0.063	7	10	DS033-U/N/F-1200-1300-070110
125	-0.043 -0.106	140	+0.000 +0.063	9	12	DS033-U/N/F-1250-1400-090120
130	-0.043 -0.106	145	+0.000 +0.063	9	12	DS033-U/N/F-1300-1450-090120
140	-0.043 -0.106	155	+0.000 +0.063	9	12	DS033-U/N/F-1400-1550-090120
150	-0.043 -0.106	165	+0.000 +0.063	9	12	DS033-U/N/F-1500-1650-090120
160	-0.043 -0.106	175	+0.000 +0.063	9	12	DS033-U/N/F-1600-1750-090120
170	-0.043 -0.106	185	+0.000 +0.072	10	14	DS033-U/N/F-1700-1850-100140
180	-0.043 -0.106	195	+0.000 +0.072	10	14	DS033-U/N/F-1800-1950-100140
200	-0.050 -0.122	220	+0.000 +0.072	12	16	DS033-U/N/F-2000-2200-120160
240	-0.050 -0.122	260	+0.000 +0.081	12	16	DS033-U/N/F-2400-2600-120160