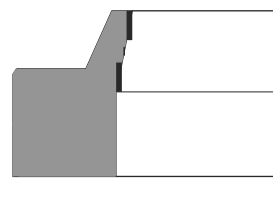


SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS

DUST SEAL

DS011



Features:

Wiper seal DS-011 is a single acting rod wiper for integral housing.

Composition:

Seal type	DS011-U	DS011-N	DS011-F
Material:	Polyurethane	Nitrile Butadiene Rubber (NBR)	Fluorocarbon Rubber (FPM)
Code	PUAB94	NBR90	FPM80

Properties:

- 1 Easy snap in 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	DS011-U	DS011-N	DS011-F
Temperature range	-20°C to +110°C	-20°C to +100°C	-20°C to +200°C
Linear velocity	0.5 m/s.	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:

Snap in fitting through a kidney-shaped distortion. Careful fitting is prerequisite for perfect functioning of the wiper.

Ordering format:

Please mention SHREENATHJI order code in your order. Example: Size 10 X 16.6 X 3.8 /5.3

For Temp range: - 20°C to +110°C Material Polyurothane

The order code is DS011-U-0100-0166-038053

For Temp range: - 20°C to +100°C Material NBR

The order code is DS011-N-0100-0166-038053

For Temp range: - 20°C to +200°C Material FPM

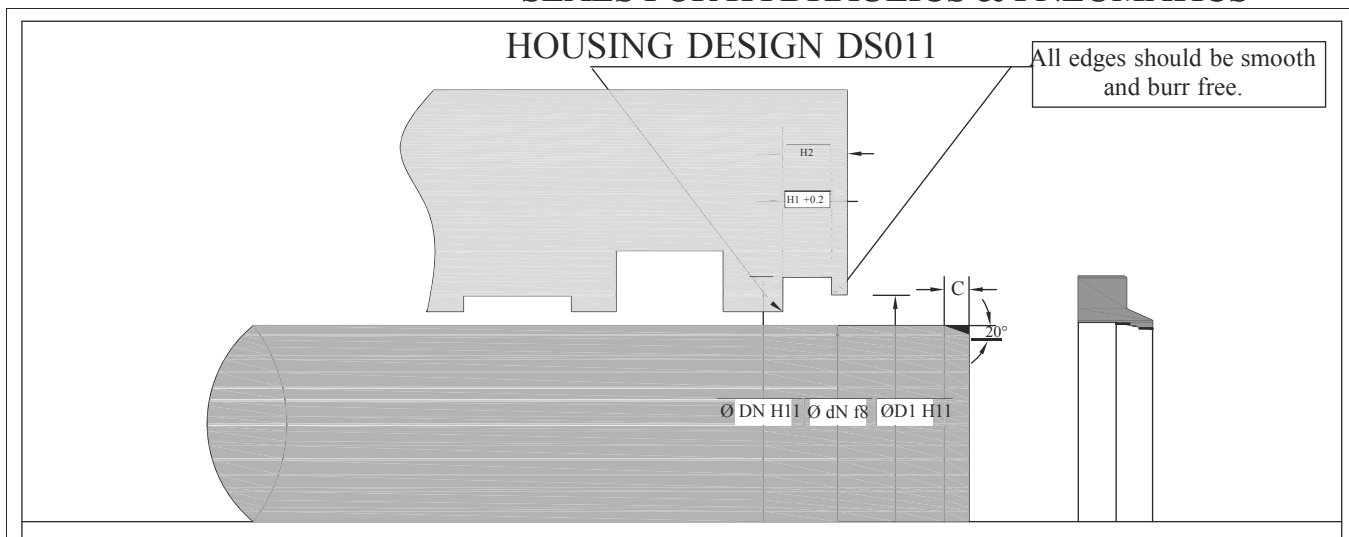
The order code is DS011-F-0100-0166-038053

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

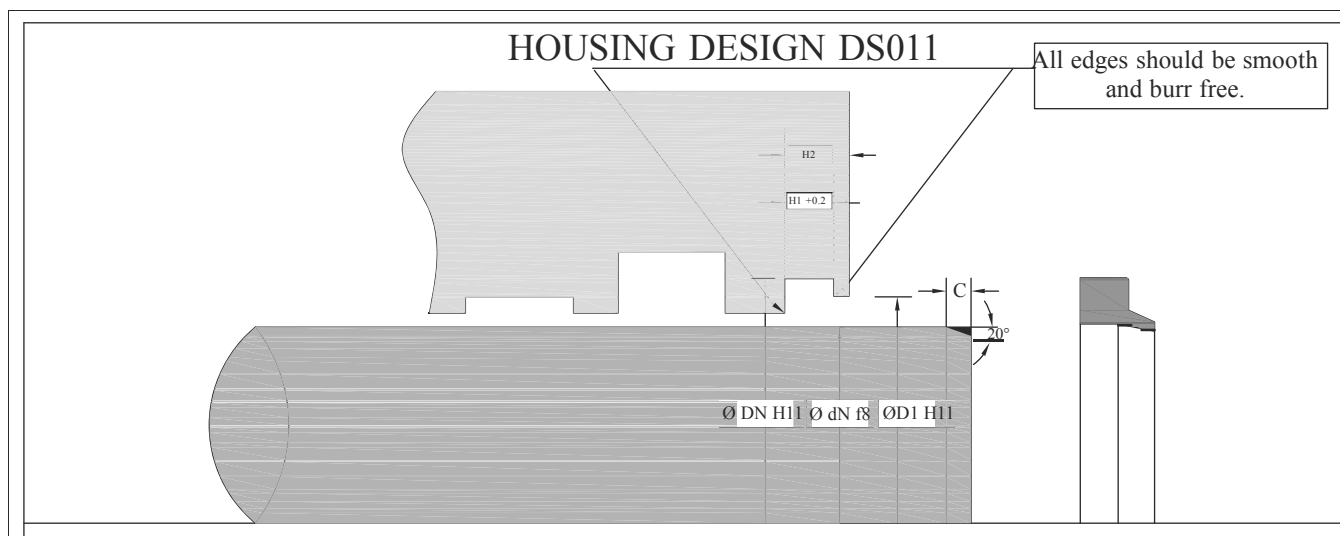


OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H11	ØD1	TOL.H11	H1+0.2	H2	ORDER CODE
10	-0.013 -0.035	16.6	+0.000 +0.110	13.0	+0.000 +0.110	3.8	5.3	DS011-U/N/F-0100-0166-038053
12	-0.016 -0.043	18.6	+0.000 +0.130	15.0	+0.000 +0.110	3.8	5.3	DS011-U/N/F-0120-0186-038053
14	-0.016 -0.043	20.6	+0.000 +0.130	17.0	+0.000 +0.110	3.8	5.3	DS011-U/N/F-0140-0206-038053
16	-0.016 -0.043	22.6	+0.000 +0.130	19.0	+0.000 +0.130	3.8	5.3	DS011-U/N/F-0160-0226-038053
18	-0.016 -0.043	24.6	+0.000 +0.130	21.0	+0.000 +0.130	3.8	5.3	DS011-U/N/F-0180-0246-038053
20	-0.020 -0.053	28.6	+0.000 +0.130	23.0	+0.000 +0.130	5.3	7.0	DS011-U/N/F-0200-0286-053070
22	-0.020 -0.053	30.6	+0.000 +0.160	25.0	+0.000 +0.130	5.3	7.0	DS011-U/N/F-0220-0306-053070
25	-0.020 -0.053	33.6	+0.000 +0.160	28.0	+0.000 +0.130	5.3	7.0	DS011-U/N/F-0250-0336-053070
28	-0.020 -0.053	36.6	+0.000 +0.160	31.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0280-0366-053070
30	-0.020 -0.053	38.6	+0.000 +0.160	33.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0300-0386-053070
32	-0.025 -0.064	40.6	+0.000 +0.160	35.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0320-0406-053070
35	-0.025 -0.064	43.6	+0.000 +0.160	38.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0350-0436-053070
36	-0.025 -0.064	44.6	+0.000 +0.160	39.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0360-0446-053070
40	-0.025 -0.064	48.6	+0.000 +0.160	43.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0400-0486-053070
42	-0.025 -0.064	50.6	+0.000 +0.190	45.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0420-0506-053070
45	-0.025 -0.064	55.6	+0.000 +0.190	48.0	+0.000 +0.160	5.3	7.0	DS011-U/N/F-0450-0556-053070
50	-0.025 -0.064	58.6	+0.000 +0.190	53.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0500-0586-053070
50	-0.025 -0.064	60.6	+0.000 +0.190	53.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0500-0606-053070

SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS



OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H11	ØD1	TOL.H11	H1+0.2	H2	ORDER CODE
55	-0.030 -0.076	65.6	+0.000 +0.190	58.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0550-0656-053070
56	-0.030 -0.076	66.6	+0.000 +0.190	59.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0560-0666-053070
60	-0.030 -0.076	70.6	+0.000 +0.190	63.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0600-0706-053070
63	-0.030 -0.076	73.6	+0.000 +0.190	66.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0630-0736-053070
65	-0.030 -0.076	75.6	+0.000 +0.190	68.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0650-0756-053070
70	-0.030 -0.076	80.6	+0.000 +0.220	73.0	+0.000 +0.190	5.3	7.0	DS011-U/N/F-0700-0806-053070
75	-0.030 -0.076	87.2	+0.000 +0.220	81.0	+0.000 +0.220	7.1	12.0	DS011-U/N/F-0750-0872-071120
80	-0.030 -0.076	92.2	+0.000 +0.220	86.0	+0.000 +0.220	7.1	12.0	DS011-U/N/F-0800-0922-071120
85	-0.036 -0.090	97.2	+0.000 +0.220	91.0	+0.000 +0.220	7.1	12.0	DS011-U/N/F-0850-0972-071120
90	-0.036 -0.090	102.2	+0.000 +0.220	96.0	+0.000 +0.220	7.1	12.0	DS011-U/N/F-0900-1022-071120
100	-0.036 -0.090	112.2	+0.000 +0.220	106.0	+0.000 +0.220	7.1	12.0	DS011-U/N/F-1000-1122-071120
110	-0.036 -0.090	122.2	+0.000 +0.250	116.0	+0.000 +0.220	7.1	12.0	DS011-U/N/F-1100-1222-071120
115	-0.036 -0.090	127.2	+0.000 +0.250	121.0	+0.000 +0.250	7.1	12.0	DS011-U/N/F-1150-1272-071120
120	-0.036 -0.090	132.2	+0.000 +0.250	126.0	+0.000 +0.250	7.1	12.0	DS011-U/N/F-1200-1322-071120
125	-0.043 -0.106	137.2	+0.000 +0.250	131.0	+0.000 +0.250	7.1	12.0	DS011-U/N/F-1250-1372-071120
130	-0.043 -0.106	142.2	+0.000 +0.250	136.0	+0.000 +0.250	7.1	12.0	DS011-U/N/F-1300-1422-071120
140	-0.043 -0.106	152.2	+0.000 +0.250	146.0	+0.000 +0.250	7.7	12.0	DS011-U/N/F-1400-1522-077120
140	-0.043 -0.106	155.0	+0.000 +0.250	147.6	+0.000 +0.250	10.2	16.0	DS011-U/N/F-1400-1550-102160