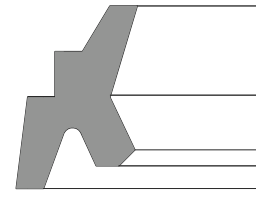


SHREENATHJI & CO.

SEALS FOR HYDRAULICS & PNEUMATICS

DUST SEAL

DS055



Features:

Wiper seal DS-055 is a double acting rod wiper for integral housing.

Composition:

Seal type	DS055-U	DS055-N	DS055-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

Application:

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

The double lip wiper DS055 is preferably fitted in combination with rod seal RS018. We recommend in any case a pressure release hole be provided in front of the double lip wiper in order to avoid pressure build-up between seal and wiper.

General Technical Data:

Seal profile	DS055-U	DS055-N	DS055-F
Temperature range	-20°C to +100°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 18 X 4 / 6 / 8

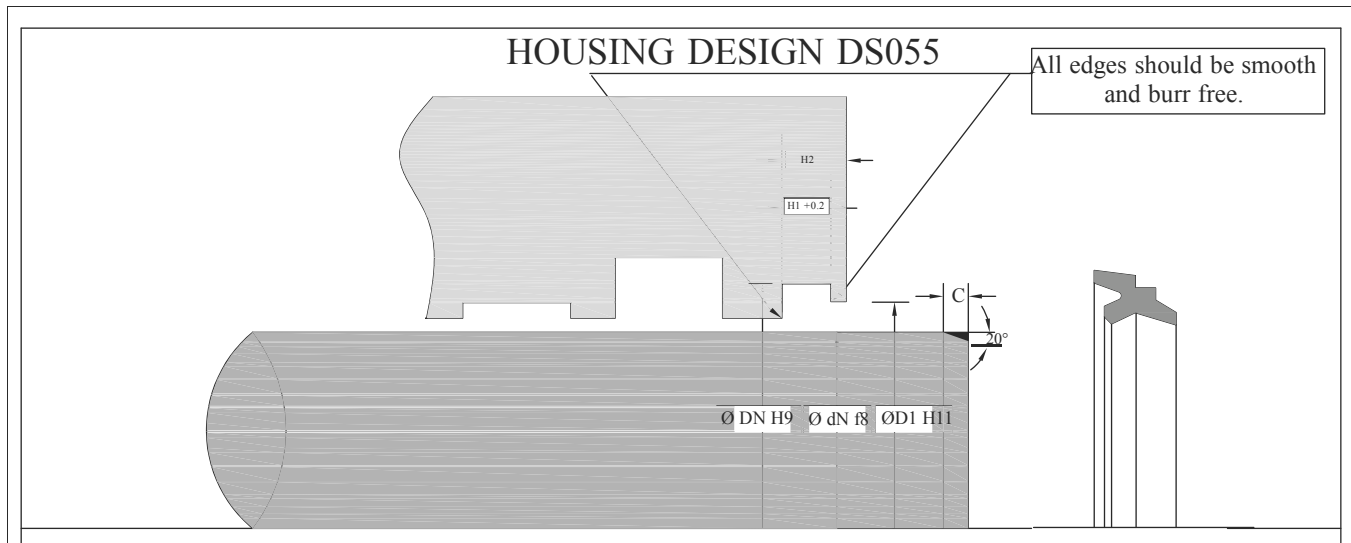
For Temp range: -20°C to +100°C Material Polyurethanes: The Order code is DS055-U-0100-0180-060080
For Temp range: -20°C to +100°C Material NBR: The Order code is DS055-N-0100-0180-060080
For Temp range: -20°C to +200°C Material FPM: The Order code is DS055-F-0100-0180-060080

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

info@shreenathjiandco.com

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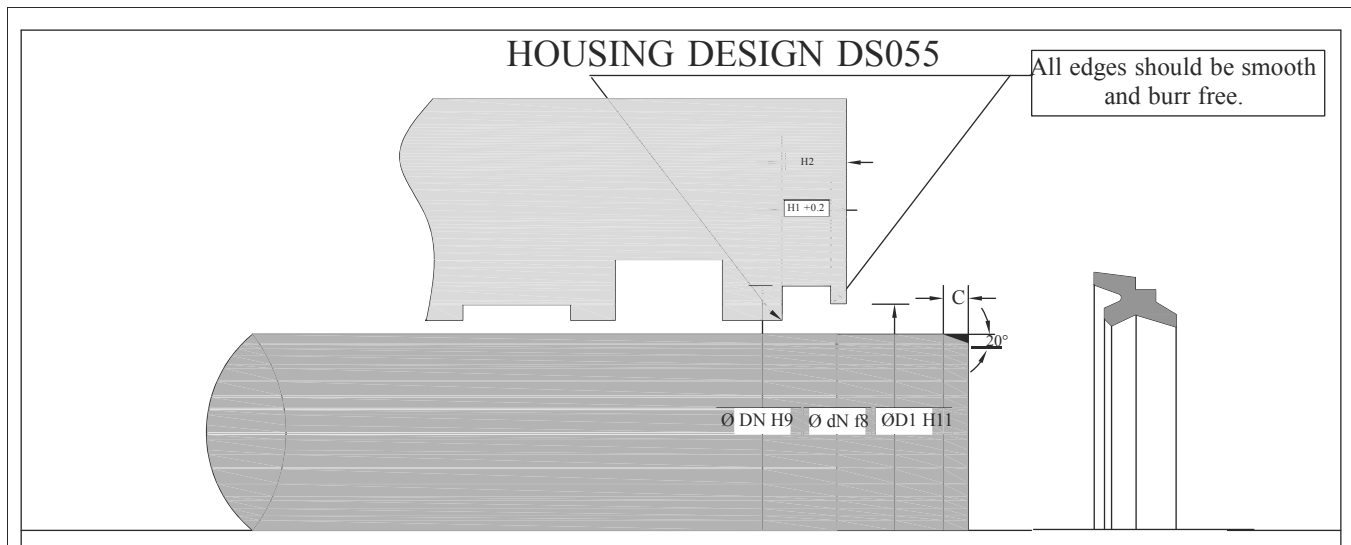


OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL. H9	D1	TOL. H11	H1 +0.2	H2	ORDER CODE For Temp range: -20°C to +100°C use DS055-U -20°C to +100°C use DS055-N -20°C to +200°C use DS055- F
10	-0.016 -0.043	18	+0.000 +0.043	13.5	+0.000 +0.110	6	8	DS055-U/N/F-0100-0180-060080
12	-0.016 -0.043	20	+0.000 +0.043	15.5	+0.000 +0.110	6	8	DS055-U/N/F-0120-0200-060080
14	-0.016 -0.043	22	+0.000 +0.052	17.5	+0.000 +0.130	6	8	DS055-U/N/F-0140-0220-060080
15	-0.016 -0.043	23	+0.000 +0.052	18.5	+0.000 +0.130	6	8	DS055-U/N/F-0150-0230-060080
16	-0.016 -0.043	24	+0.000 +0.052	19.5	+0.000 +0.130	6	8	DS055-U/N/F-0160-0240-060080
18	-0.016 -0.043	26	+0.000 +0.052	21.5	+0.000 +0.130	6	8	DS055-U/N/F-0180-0260-060080
20	-0.020 -0.053	28	+0.000 +0.052	23.5	+0.000 +0.130	6	8	DS055-U/N/F-0200-0280-060080
22	-0.020 -0.053	30	+0.000 +0.052	25.5	+0.000 +0.130	6	8	DS055-U/N/F-0220-0300-060080
25	-0.020 -0.053	33	+0.000 +0.062	28.5	+0.000 +0.160	6	8	DS055-U/N/F-0250-0330-060080
28	-0.020 -0.053	36	+0.000 +0.062	31.5	+0.000 +0.160	6	8	DS055-U/N/F-0280-0360-060080
30	-0.020 -0.053	38	+0.000 +0.062	33.5	+0.000 +0.160	6	8	DS055-U/N/F-0300-0380-060080
32	-0.025 -0.064	40	+0.000 +0.062	35.5	+0.000 +0.160	6	8	DS055-U/N/F-0320-0400-060080
35	-0.025 -0.064	43	+0.000 +0.062	38.5	+0.000 +0.160	6	8	DS055-U/N/F-0350-0430-060080
36	-0.025 -0.064	44	+0.000 +0.062	39.5	+0.000 +0.160	6	8	DS055-U/N/F-0360-0440-060080
38	-0.025 -0.064	46	+0.000 +0.062	41.5	+0.000 +0.160	6	8	DS055-U/N/F-0380-0460-060080

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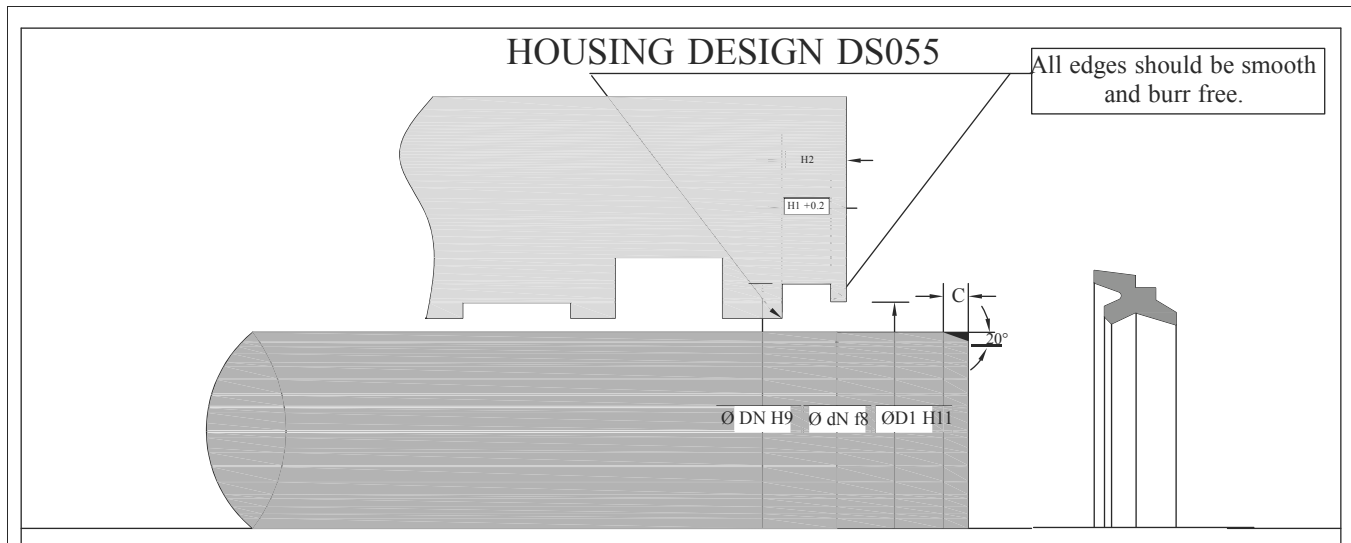


OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL. H9	D1	TOL. H11	H1 +0.2	H2	ORDER CODE For Temp range: -20°C to +100°C use DS055-U -20°C to +100°C use DS055-N -20°C to +200°C use DS055- F
40	-0.025 -0.064	48	+0.000 +0.062	43.5	+0.000 +0.160	6	8	DS055-U/N/F-0400-0480-060080
42	-0.025 -0.064	50	+0.000 +0.062	45.5	+0.000 +0.160	6	8	DS055-U/N/F-0420-0500-060080
45	-0.025 -0.064	53	+0.000 +0.074	48.5	+0.000 +0.190	6	8	DS055-U/N/F-0450-0530-060080
50	-0.025 -0.064	58	+0.000 +0.074	53.5	+0.000 +0.190	6	8	DS055-U/N/F-0500-0580-060080
55	-0.030 -0.076	63	+0.000 +0.074	58.5	+0.000 +0.190	6	8	DS055-U/N/F-0550-0630-060080
56	-0.030 -0.076	64	+0.000 +0.074	59.5	+0.000 +0.190	6	8	DS055-U/N/F-0560-0640-060080
60	-0.030 -0.076	68	+0.000 +0.074	63.5	+0.000 +0.190	6	8	DS055-U/N/F-0600-0680-060080
63	-0.030 -0.076	71	+0.000 +0.074	66.5	+0.000 +0.190	6	8	DS055-U/N/F-0630-0710-060080
65	-0.030 -0.076	73	+0.000 +0.074	68.5	+0.000 +0.190	6	8	DS055-U/N/F-0650-0730-060080
68	-0.030 -0.076	76	+0.000 +0.074	71.5	+0.000 +0.190	6	8	DS055-U/N/F-0680-0760-060080
70	-0.030 -0.076	78	+0.000 +0.074	73.5	+0.000 +0.190	6	8	DS055-U/N/F-0700-0780-060080
75	-0.030 -0.076	83	+0.000 +0.087	78.5	+0.000 +0.220	6	8	DS055-U/N/F-0750-0830-060080
80	-0.030 -0.076	88	+0.000 +0.087	83.5	+0.000 +0.220	6	8	DS055-U/N/F-0800-0880-060080
85	-0.036 -0.090	93	+0.000 +0.087	88.5	+0.000 +0.220	6	8	DS055-U/N/F-0850-0930-060080
90	-0.036 -0.090	98	+0.000 +0.087	93.5	+0.000 +0.220	6	8	DS055-U/N/F-0900-0980-060080

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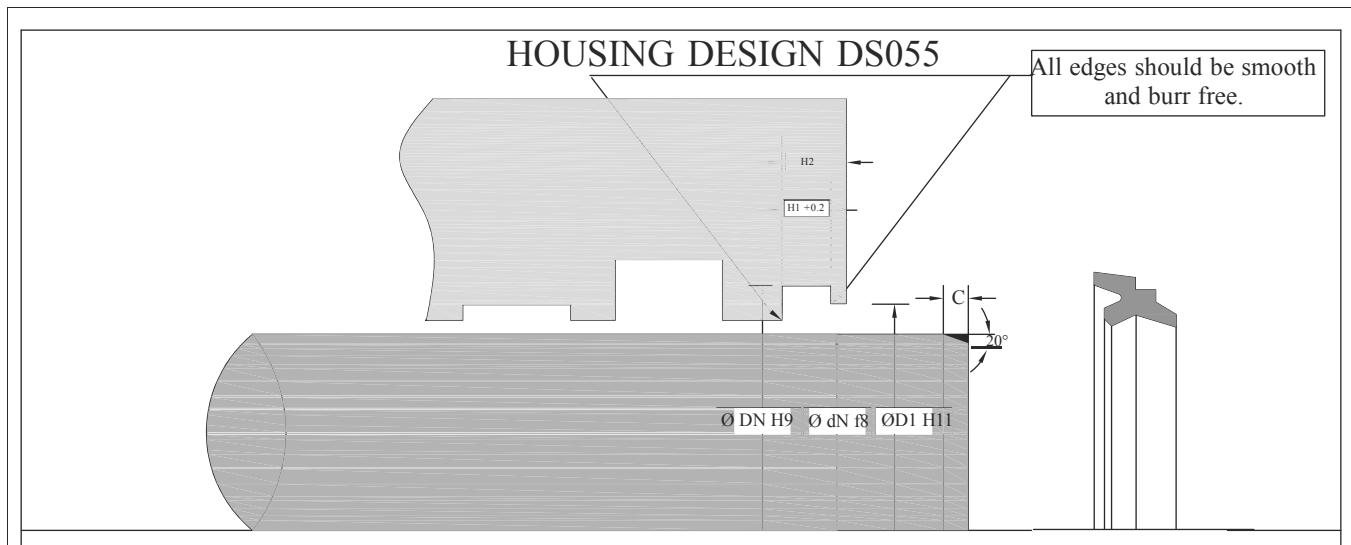


OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL. H9	D1	TOL. H11	H1 +0.2	H2	ORDER CODE For Temp range: -20°C to +100°C use DS055-U -20°C to +100°C use DS055-N -20°C to +200°C use DS055- F
95	-0.036 -0.090	103	+0.000 +0.087	98.5	+0.000 +0.220	6	8	DS055-U/N/F-0950-1030-060080
100	-0.036 -0.090	108	+0.000 +0.087	103.5	+0.000 +0.220	6	8	DS055-U/N/F-1000-1080-060080
105	-0.036 -0.090	117	+0.000 +0.087	110.0	+0.000 +0.220	8.2	11.1	DS055-U/N/F-1050-1170-082111
110	-0.036 -0.090	122	+0.000 +0.100	115.0	+0.000 +0.220	8.2	11.1	DS055-U/N/F-1100-1220-082111
115	-0.036 -0.090	127	+0.000 +0.100	120.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1150-1270-082111
120	-0.036 -0.090	132	+0.000 +0.100	125.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1200-1320-082111
125	-0.043 -0.106	137	+0.000 +0.100	130.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1250-1370-082111
130	-0.043 -0.106	142	+0.000 +0.100	135.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1300-1420-082111
135	-0.043 -0.106	147	+0.000 +0.100	140.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1350-1470-082111
140	-0.043 -0.106	152	+0.000 +0.100	145.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1400-1520-082111
150	-0.043 -0.106	162	+0.000 +0.100	155.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1500-1620-082111
160	-0.043 -0.106	172	+0.000 +0.100	165.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1600-1720-082111
170	-0.043 -0.106	182	+0.000 +0.115	175.0	+0.000 +0.250	8.2	11.1	DS055-U/N/F-1700-1820-082111
180	-0.043 -0.106	192	+0.000 +0.115	185.0	+0.000 +0.290	8.2	11.1	DS055-U/N/F-1800-1920-082111
190	-0.050 -0.122	202	+0.000 +0.115	195.0	+0.000 +0.290	8.2	11.1	DS055-U/N/F-1900-2020-082111

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SEALS FOR HYDRAULICS & PNEUMATICS



OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL. H9	D1	TOL. H11	H1 +0.2	H2	ORDER CODE For Temp range: -20°C to +100°C use DS055-U -20°C to +100°C use DS055-N -20°C to +200°C use DS055- F
200	-0.050 -0.122	212	+0.000 +0.115	205.0	+0.000 +0.290	8.2	11.1	DS055-U/N/F-2000-2120-082111
210	-0.050 -0.122	225	+0.000 +0.115	217.0	+0.000 +0.290	9.5	12.5	DS055-N-2100-2250-095125
220	-0.050 -0.122	235	+0.000 +0.115	227.0	+0.000 +0.290	9.5	12.5	DS055-N-2200-2350-095125
225	-0.050 -0.122	240	+0.000 +0.115	233.0	+0.000 +0.290	9.5	12.5	DS055-N-2250-2400-095125
230	-0.050 -0.122	245	+0.000 +0.115	237.0	+0.000 +0.290	9.5	12.5	DS055-N-2300-2450-095125
240	-0.050 -0.122	255	+0.000 +0.130	247.0	+0.000 +0.320	9.5	12.5	DS055-N-2400-2550-095125
250	-0.050 -0.122	265	+0.000 +0.130	257.0	+0.000 +0.320	9.5	12.5	DS055-N-2500-2650-095125
260	-0.056 -0.137	275	+0.000 +0.130	267.0	+0.000 +0.320	9.5	12.5	DS055-N-2600-2750-095125
270	-0.056 -0.137	285	+0.000 +0.130	277.0	+0.000 +0.360	9.5	12.5	DS055-N-2700-2850-095125
280	-0.056 -0.137	295	+0.000 +0.130	287.0	+0.000 +0.360	9.5	12.5	DS055-N-2800-2950-095125
300	-0.056 -0.137	315	+0.000 +0.130	307.0	+0.000 +0.360	9.5	12.5	DS055-N-3000-3150-095125
320	-0.062 -0.151	335	+0.000 +0.140	327.0	+0.000 +0.400	9.5	12.5	DS055-N-3200-3350-095125
350	-0.062 -0.151	365	+0.000 +0.140	357.0	+0.000 +0.400	9.5	12.5	DS055-N-3500-3650-095125
360	-0.062 -0.151	375	+0.000 +0.140	367.0	+0.000 +0.400	9.5	12.5	DS055-N-3600-3750-095125
400	-0.062 -0.151	415	+0.000 +0.140	407.0	+0.000 +0.400	9.5	12.5	DS055-N-4000-4150-095125