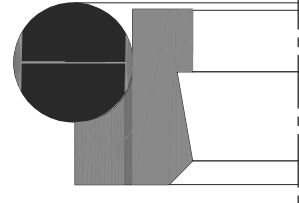


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SEALS FOR HYDRAULICS & PNEUMATICS

DUST SEAL

DS066



Features:

Wiper seal profile DS066 consists of two piece seal set for wiping rod with one PTFE ring and one Energizer O-ring.

Composition:

SEAL PROFILE		DS066-N	DS066-F
Seal ring	Material	PTFE+ Bronze +MoS2	PTFE+ Bronze +MoS2
	Code	TB40M	TB40M
O Ring	Material	Nitrile Butadiene rubber (NBR)	Fluoro Carbon Rubber (FPM)
	Code	NBR70	FPM80

Properties:

- 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
- 1 Wide fluid application range
- 1 Resistance against cold flow
- 1 For short stroke and high frequency

Application:

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

The double lip wiper DS066 is preferably fitted in combination with rod seal RS018. We recommend in any case a pressure release hole be provided in front of the wiper in order to avoid pressure build-up between seal and wiper.

General Technical Data:

Seal profile	DS066-N	DS066-F
Temperature range	-20°C to +100°C	-20°C to + 200°C
Surface Speed(max.)	4 m/s.	4 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

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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 12 X 18.8 X 5

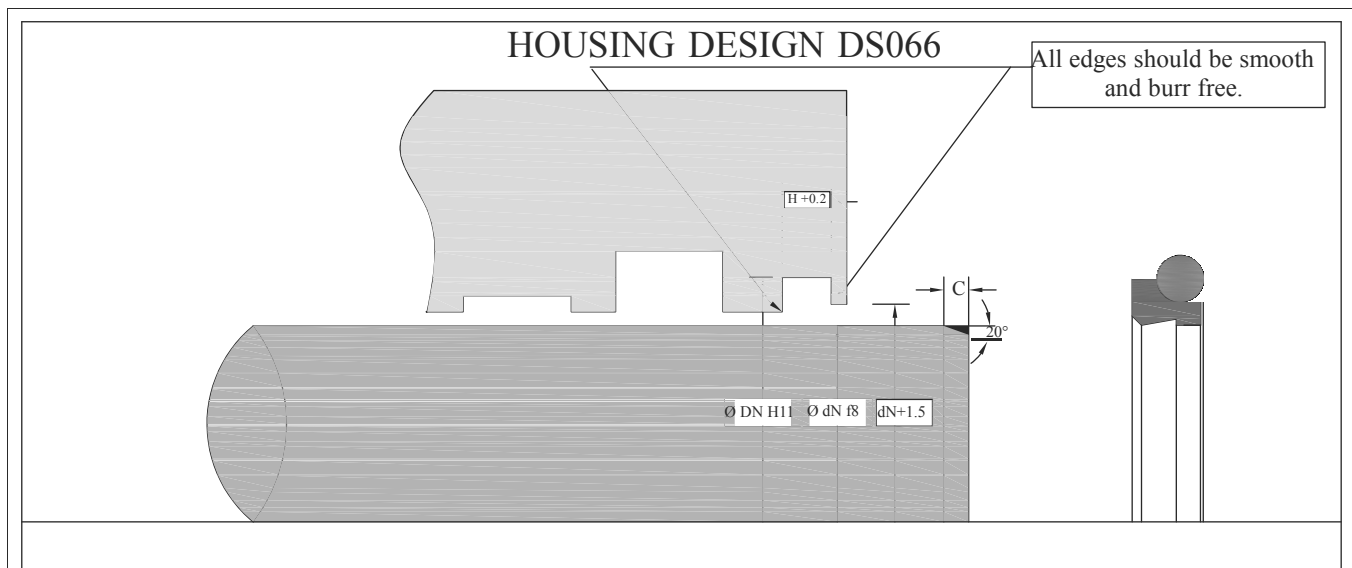
For Temp range: -20°C to +100°C. (O ring material is NBR70) Order code is DS066-N-0120-0188-050

For Temp range: -20°C to +200°C. (O ring material is FPM80) Order code is DS066-F-0120-0188-050

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

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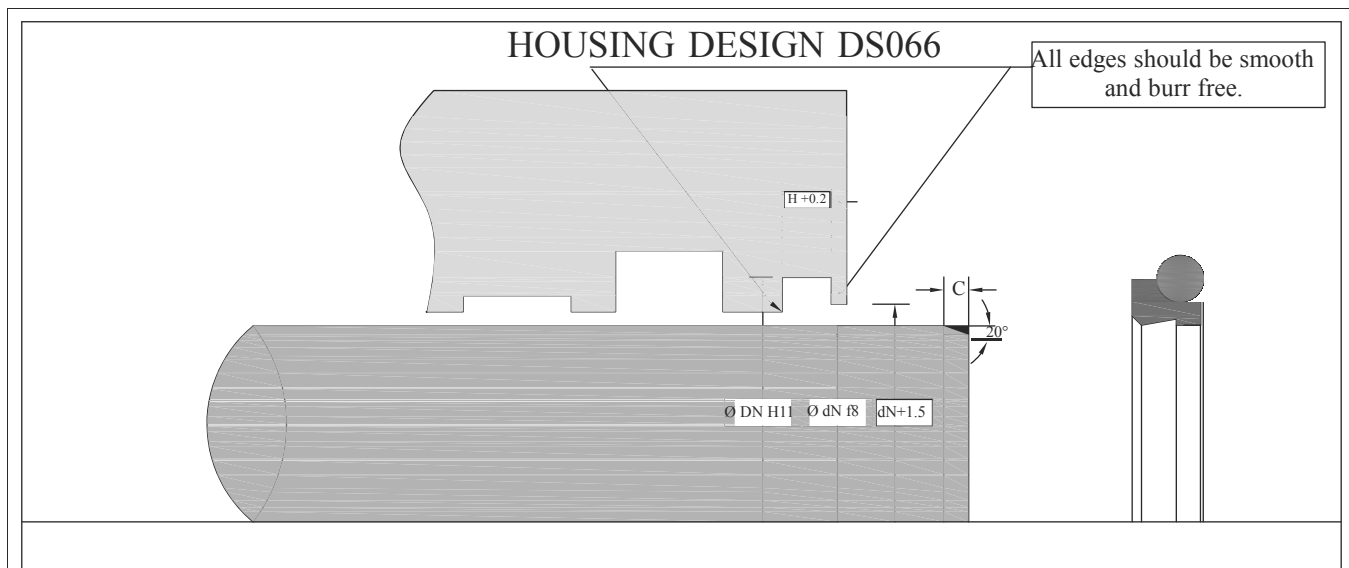


OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL.H9	H(+0.2)	O RING SIZE	ORDER CODE For temp. range -20°C to +100°C use DS066-N -20°C to +200°C use DS066-F
12	-0.016 -0.043	18.8	+0.000 +0.052	5	13.94 X 2.62	DS066-N / F-0120-0188-050
14	-0.016 -0.043	20.8	+0.000 +0.052	5	15.54 X 2.62	DS066-N / F-0140-0208-050
15	-0.016 -0.043	21.8	+0.000 +0.052	5	17.12 X 2.62	DS066-N / F-0150-0218-050
16	-0.016 -0.043	22.8	+0.000 +0.052	5	17.12 X 2.62	DS066-N / F-0160-0228-050
18	-0.016 -0.043	24.8	+0.000 +0.052	5	20.29 X 2.62	DS066-N / F-0180-0248-050
20	-0.020 -0.053	26.8	+0.000 +0.052	5	21.89 X 2.62	DS066-N / F-0200-0268-050
22	-0.020 -0.053	28.8	+0.000 +0.062	5	23.47 X 2.62	DS066-N / F-0220-0288-050
25	-0.020 -0.053	31.8	+0.000 +0.062	5	26.64 X 2.62	DS066-N / F-0250-0318-050
28	-0.020 -0.053	34.8	+0.000 +0.062	5	29.82 X 2.62	DS066-N / F-0280-0348-050
30	-0.020 -0.053	36.8	+0.000 +0.062	5	31.42 X 2.62	DS066-N / F-0300-0368-050
32	-0.025 -0.064	38.8	+0.000 +0.062	5	34.59 X 2.62	DS066-N / F-0320-0388-050
35	-0.025 -0.064	41.8	+0.000 +0.062	5	36.17 X 2.62	DS066-N / F-0350-0418-050
36	-0.025 -0.064	42.8	+0.000 +0.062	5	37.77 X 2.62	DS066-N / F-0360-0428-050
38	-0.025 -0.064	44.8	+0.000 +0.062	5	39.34 X 2.62	DS066-N / F-0380-0448-050
40	-0.025 -0.064	46.8	+0.000 +0.062	5	42.42 X 2.62	DS066-N / F-0400-0468-050
45	-0.025 -0.064	51.8	+0.000 +0.074	5	47.29 X 2.62	DS066-N / F-0450-0518-050

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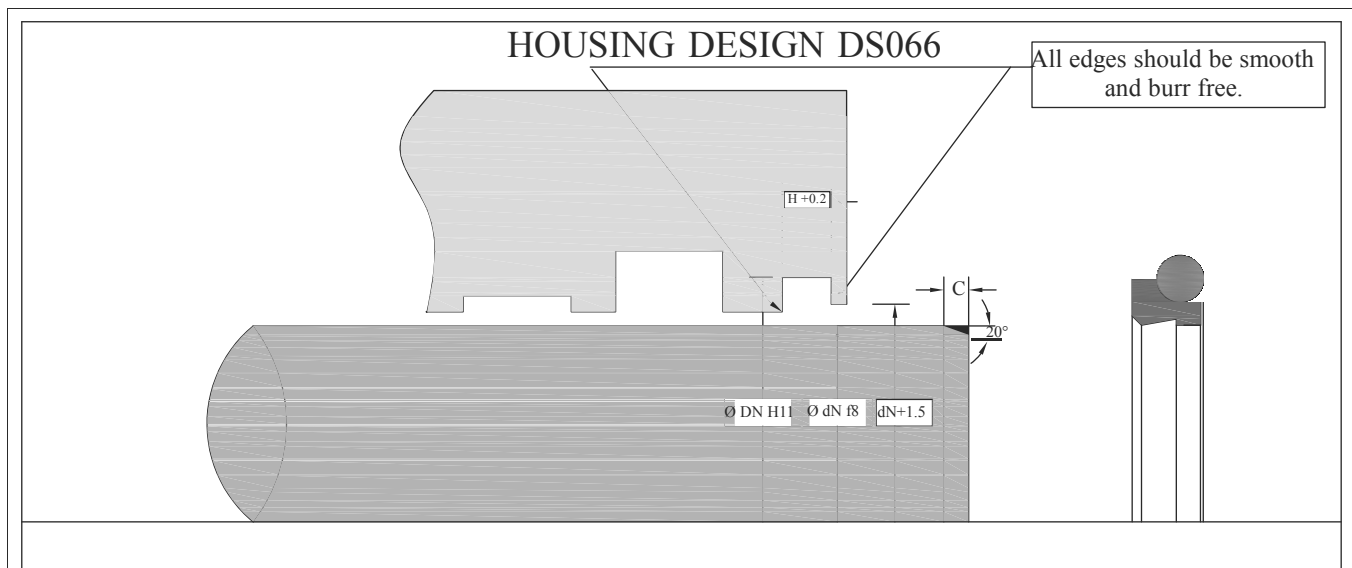


OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL.H9	H(+0.2)	O RING SIZE	ORDER CODE For temp. range -20°C to +100°C use DS066-U -20°C to +200°C use DS066-F
50	-0.025 -0.064	56.8	+0.000 +0.074	5	52.07 X 2.62	DS066-N / F-0500-0568-050
55	-0.030 -0.076	61.8	+0.000 +0.074	5	56.82 X 2.62	DS066-N / F-0550-0618-050
56	-0.030 -0.076	62.8	+0.000 +0.074	5	58.42 X 2.62	DS066-N / F-0560-0628-050
60	-0.030 -0.076	66.8	+0.000 +0.074	5	61.60 X 2.62	DS066-N / F-0600-0668-050
63	-0.030 -0.076	69.8	+0.000 +0.074	5	64.77 X 2.62	DS066-N / F-0630-0698-050
65	-0.030 -0.076	73.8	+0.000 +0.074	6	66.27 X 3.53	DS066-N / F-0650-0738-060
70	-0.030 -0.076	78.8	+0.000 +0.074	6	72.62 X 3.53	DS066-N / F-0700-0788-060
75	-0.030 -0.076	83.8	+0.000 +0.087	6	75.79 X 3.53	DS066-N / F-0750-0838-060
80	-0.030 -0.076	88.8	+0.000 +0.087	6	82.14 X 3.53	DS066-N / F-0800-0888-060
85	-0.036 -0.090	93.8	+0.000 +0.087	6	88.49 X 3.53	DS066-N / F-0850-0938-060
90	-0.036 -0.090	98.8	+0.000 +0.087	6	91.67 X 3.53	DS066-N / F-0900-0988-060
95	-0.036 -0.090	103.8	+0.000 +0.087	6	98.02 X 3.53	DS066-N / F-0950-1038-060
100	-0.036 -0.090	108.8	+0.000 +0.087	6	101.19 X 3.53	DS066-N / F-1000-1088-060
105	-0.036 -0.090	113.8	+0.000 +0.087	6	107.54 X 3.53	DS066-N / F-1050-1138-060
110	-0.036 -0.090	118.8	+0.000 +0.087	6	110.72 X 3.53	DS066-N / F-1100-1188-060
115	-0.036 -0.090	123.8	+0.000 +0.087	6	117.07 X 3.53	DS066-N / F-1150-1238-060

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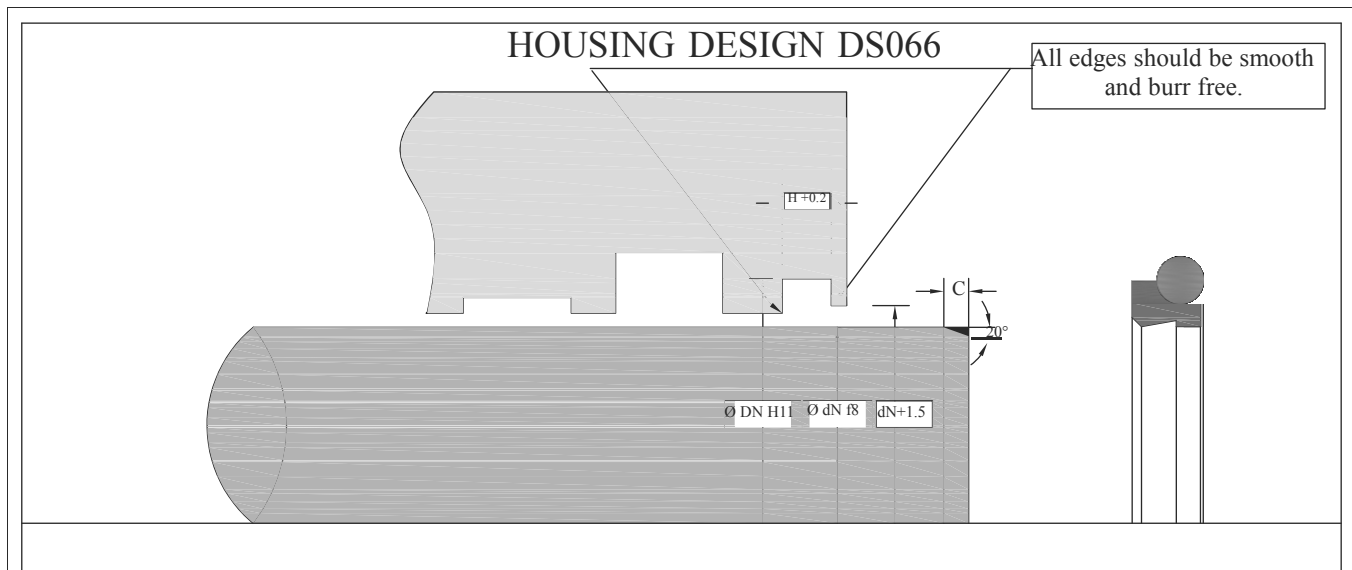


OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL.H9	H(+0.2)	O RING SIZE	ORDER CODE For temp. range -20°C to +100°C use DS066-U -20°C to +200°C use DS066-F
120	-0.036 -0.090	128.8	+0.000 +0.100	6	120.24 X 3.53	DS066-N / F-1200-1288-060
125	-0.043 -0.106	133.8	+0.000 +0.100	6	126.59 X 3.53	DS066-N / F-1250-1338-060
130	-0.043 -0.106	138.8	+0.000 +0.100	6	132.94 X 3.53	DS066-N / F-1300-1388-060
135	-0.043 -0.106	143.8	+0.000 +0.100	6	136.12 X 3.53	DS066-N / F-1350-1438-060
140	-0.043 -0.106	148.8	+0.000 +0.100	6	142.47 X 3.53	DS066-N / F-1400-1488-060
150	-0.043 -0.106	158.8	+0.000 +0.100	6	151.99 X 3.53	DS066-N / F-1500-1588-060
160	-0.043 -0.106	168.8	+0.000 +0.100	6	158.34 X 3.53	DS066-N / F-1600-1688-060
170	-0.043 -0.106	178.8	+0.000 +0.100	6	171.04 X 3.53	DS066-N / F-1700-1788-060
180	-0.043 -0.106	188.8	+0.000 +0.115	6	183.74 X 3.53	DS066-N / F-1800-1888-060
190	-0.050 -0.122	198.8	+0.000 +0.115	6	190.09 X 3.53	DS066-N / F-1900-1988-060
200	-0.050 -0.122	208.8	+0.000 +0.115	6	202.79 X 3.53	DS066-N / F-2000-2088-060
210	-0.050 -0.122	218.8	+0.000 +0.115	6	209.14 X 3.53	DS066-N / F-2100-2188-060
220	-0.050 -0.122	228.8	+0.000 +0.115	6	221.84 X 3.53	DS066-N / F-2200-2288-060
225	-0.050 -0.122	233.8	+0.000 +0.115	6	228.19 X 3.53	DS066-N / F-2250-2338-060
230	-0.050 -0.122	238.8	+0.000 +0.115	6	228.19 X 3.53	DS066-N / F-2300-2388-060
240	-0.050 -0.122	248.8	+0.000 +0.115	6	240.89 X 3.53	DS066-N / F-2400-2488-060

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SEALS FOR HYDRAULICS & PNEUMATICS



OUR STANDARD SIZE LIST

ØdN	TOL. f8	ØDN	TOL.H9	H(+0.2)	O RING SIZE	ORDER CODE For temp. range -20°C to +100°C use DS066-U -20°C to +200°C use DS066-F
250	-0.050 -0.122	258.8	+0.000 +0.130	6	253.59 X 3.53	DS066-N / F-2500-2588-060
260	-0.056 -0.137	272.2	+0.000 +0.130	8.4	266.07 X 5.33	DS066-N / F-2600-2722-084
270	-0.056 -0.137	282.2	+0.000 +0.130	8.4	278.77 X 5.33	DS066-N / F-2700-2822-084
280	-0.056 -0.137	292.2	+0.000 +0.130	8.4	278.77 X 5.33	DS066-N / F-2800-2922-084
300	-0.056 -0.137	312.2	+0.000 +0.140	8.4	304.17 X 5.33	DS066-N / F-3000-3122-084
320	-0.056 -0.137	332.2	+0.000 +0.140	8.4	329.57 X 5.33	DS066-N / F-3200-3322-084
350	-0.062 -0.151	362.2	+0.000 +0.140	8.4	354.97 X 5.33	DS066-N / F-3500-3622-084
360	-0.062 -0.151	372.2	+0.000 +0.140	8.4	354.97 X 5.33	DS066-N / F-3600-3722-084
400	-0.062 -0.151	412.2	+0.000 +0.140	8.4	405.26 X 5.33	DS066-N / F-4000-4122-084