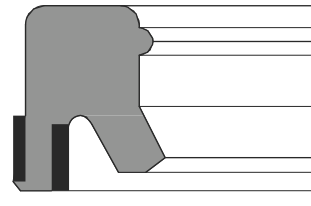


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SEALS FOR HYDRAULICS & PNEUMATICS

ROD SEAL

RS036



Features:

Rod seal profile RS036 is a single acting U cup type seal with additional rib commonly in use.

Composition:

Material:	Polyurethane
Code	PUET93

Properties:

- 1 High resistance to abrasion
- 1 Easy installation
- 1 Additional rib prevents ingress of dirt to a large degree

Application:

- Ø Mobile Hydraulics
- Ø Injection molding machines
- Ø Machine tools
- Ø Agricultural equipment
- Ø Standard cylinders

General Technical Data:

Working Pressure (max.)	400 Bar
Temperature range	-30°C to 110°C
Surface Speed (max.)	0.5 m/s.

Maximum working pressure can be extended up to 400 bar with the use of a back up ring. If this option is required ask SHREENATHJI.

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-pressurised 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 (S)			
160 bar	260 bar	320 bar	400 bar
0.5	0.4	0.35	0.3 (ask US)

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Minimum chamfer C:

DN - dN	Up to 8	8.1 to10	10.1 to 15	15.1 to 20	20.1 to 25	25.1 and above
C	4.0	4.5	6.0	7.5	8.0	10.0

Fitting:

RS036 is very easy to fit. Careful fitting of the seal is a prerequisite for it's perfect functioning.

Ordering format:

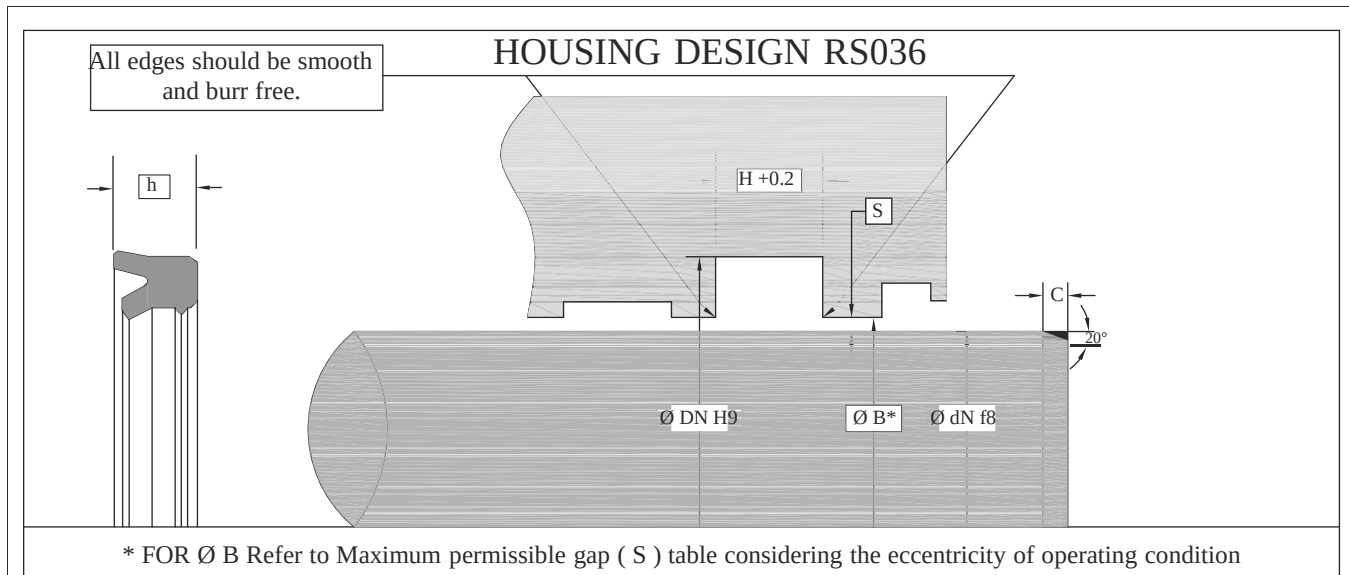
Please mention SHREENATHJI order code in
your order. Example: Size 6 X 14 X 6.3

Order code is RS036-U-0060-0140-063

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

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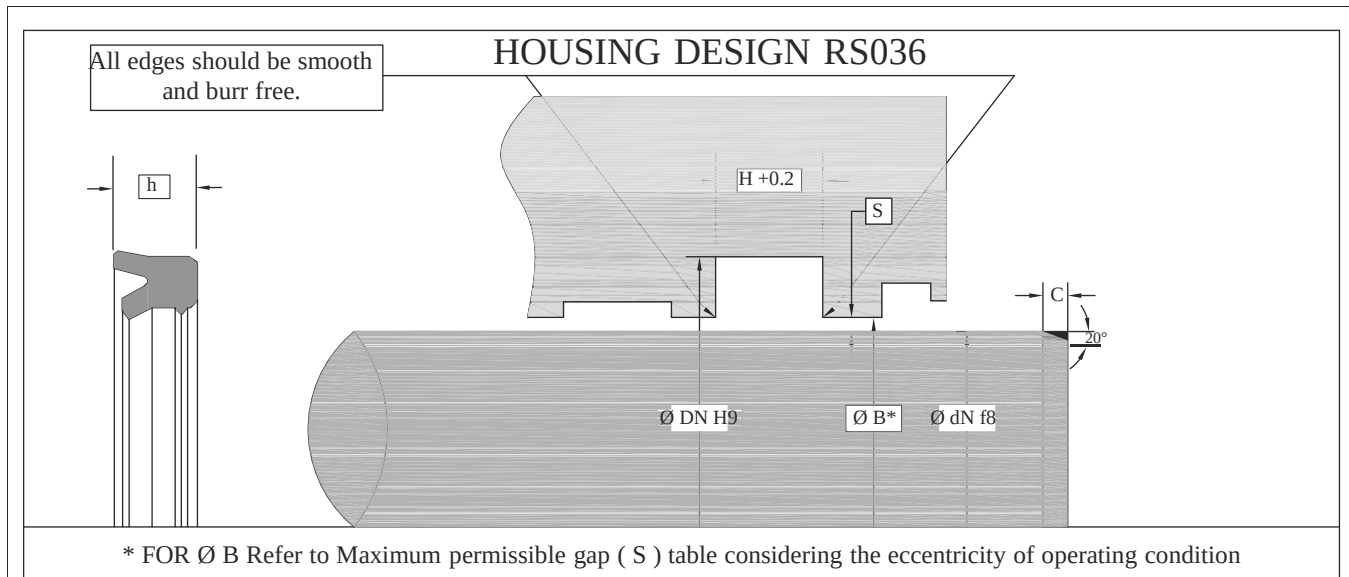


OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H9	h	H+0.2	ORDER CODE
6	-0.013 -0.035	14	+0.000 +0.043	5.7	6.3	RS036-U-0060-0140-063
8	-0.013 -0.035	16	+0.000 +0.052	5.7	6.3	RS036-U-0080-0160-063
10	-0.013 -0.035	18	+0.000 +0.052	5.7	6.3	RS036-U-0100-0180-063
12	-0.016 -0.043	19	+0.000 +0.052	5.0	5.6	RS036-U-0120-0190-056
12	-0.016 -0.043	20	+0.000 +0.052	5.7	6.3	RS036-U-0120-0200-063
12	-0.016 -0.043	22	+0.000 +0.052	7.3	8.0	RS036-U-0120-0220-080
14	-0.016 -0.043	21	+0.000 +0.052	5.0	5.6	RS036-U-0140-0210-056
14	-0.016 -0.043	24	+0.000 +0.052	7.3	8.0	RS036-U-0140-0240-080
16	-0.016 -0.043	24	+0.000 +0.052	5.7	6.3	RS036-U-0160-0240-063
16	-0.016 -0.043	26	+0.000 +0.052	7.3	8.0	RS036-U-0160-0260-080
18	-0.016 -0.043	25	+0.000 +0.052	5.0	5.6	RS036-U-0180-0250-056
18	-0.016 -0.043	28	+0.000 +0.052	7.3	8.0	RS036-U-0180-0280-080
20	-0.020 -0.053	28	+0.000 +0.052	5.7	6.3	RS036-U-0200-0280-063
20	-0.020 -0.053	30	+0.000 +0.052	7.3	8.0	RS036-U-0200-0300-080
22	-0.020 -0.053	29	+0.000 +0.052	5.0	5.6	RS036-U-0220-0290-056
22	-0.020 -0.053	30	+0.000 +0.052	5.7	6.3	RS036-U-0220-0300-063
22	-0.020 -0.053	32	+0.000 +0.062	7.3	8.0	RS036-U-0220-0320-080

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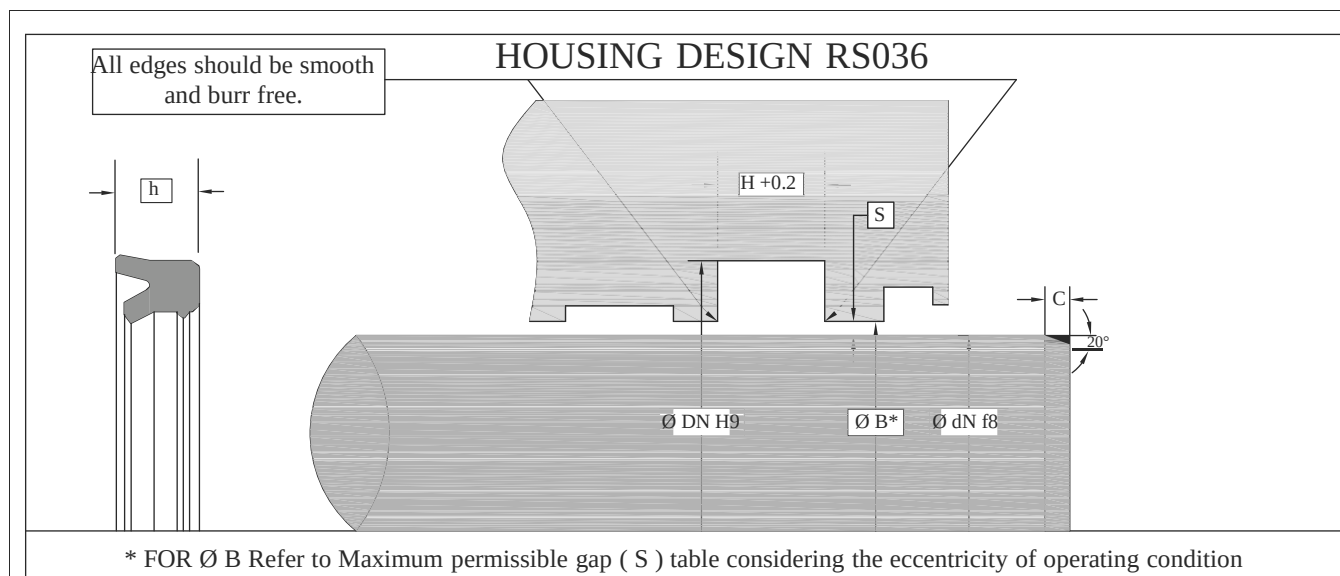


OUR STANDARD SIZE LIST

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25	-0.020 -0.053	33	+0.000 +0.062	5.7	6.3	RS036-U-0250-0330-063
25	-0.020 -0.053	35	+0.000 +0.062	7.3	8.0	RS036-U-0250-0350-080
28	-0.020 -0.053	36	+0.000 +0.062	5.7	6.3	RS036-U-0280-0360-063
28	-0.020 -0.053	38	+0.000 +0.062	7.3	8.0	RS036-U-0280-0380-080
30	-0.020 -0.053	40	+0.000 +0.062	7.3	8.0	RS036-U-0300-0400-080
32	-0.025 -0.064	42	+0.000 +0.062	7.3	8.0	RS036-U-0320-0420-080
35	-0.025 -0.064	45	+0.000 +0.062	7.3	8.0	RS036-U-0350-0450-080
36	-0.025 -0.064	44	+0.000 +0.062	5.7	6.3	RS036-U-0360-0440-063
36	-0.025 -0.064	46	+0.000 +0.062	7.3	8.0	RS036-U-0360-0460-080
40	-0.025 -0.064	50	+0.000 +0.062	7.3	8.0	RS036-U-0400-0500-080
40	-0.025 -0.064	55	+0.000 +0.074	11.4	12.5	RS036-U-0400-0550-125
45	-0.025 -0.064	53	+0.000 +0.074	5.6	6.3	RS036-U-0450-0530-063
45	-0.025 -0.064	55	+0.000 +0.074	7.3	8.0	RS036-U-0450-0550-080
45	-0.025 -0.064	60	+0.000 +0.074	11.4	12.5	RS036-U-0450-0600-125
50	-0.025 -0.064	60	+0.000 +0.074	7.3	8.0	RS036-U-0500-0600-080
50	-0.025 -0.064	63	+0.000 +0.074	10.0	11.0	RS036-U-0500-0630-110
50	-0.025 -0.064	65	+0.000 +0.074	11.4	12.5	RS036-U-0500-0650-125

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SEALS FOR HYDRAULICS & PNEUMATICS

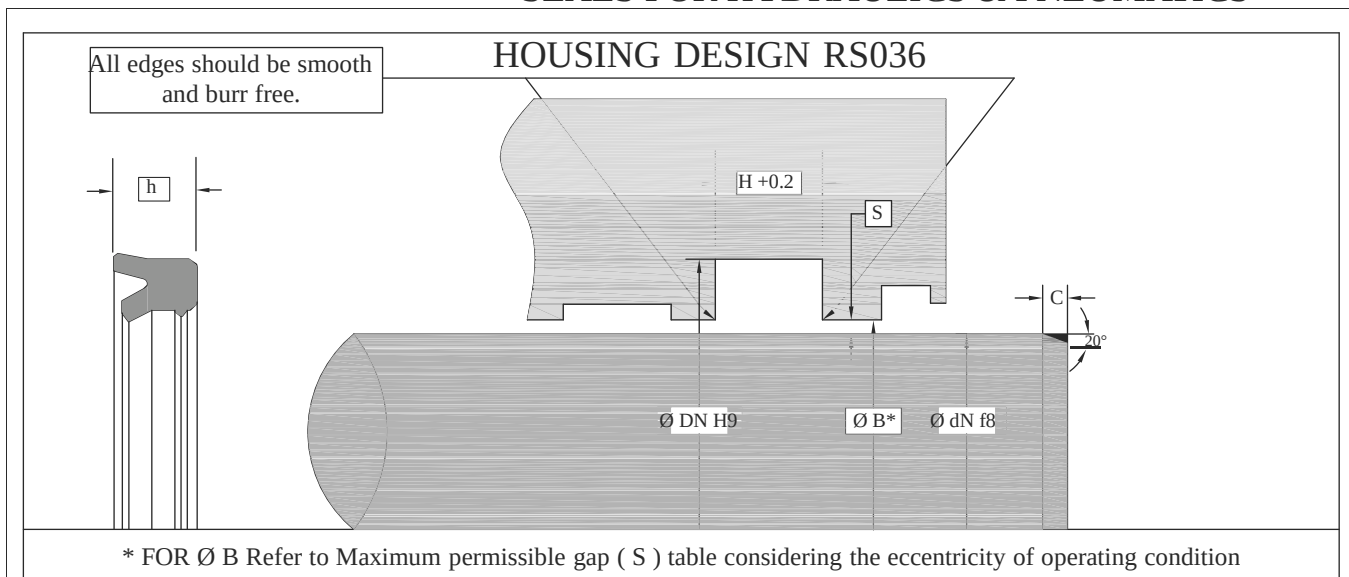


OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H9	h	H+0.2	ORDER CODE
55	-0.030 -0.076	68	+0.000 +0.074	10.0	11.0	RS036-U-0550-0680-110
55	-0.030 -0.076	70	+0.000 +0.074	10.0	11.0	RS036-U-0550-0700-110
56	-0.030 -0.076	66	+0.000 +0.074	10.0	11.0	RS036-U-0560-0660-110
56	-0.030 -0.076	71	+0.000 +0.074	11.4	12.5	RS036-U-0560-0710-125
60	-0.030 -0.076	70	+0.000 0.074	7.3	8.0	RS036-U-0600-0700-080
60	-0.030 -0.076	70	+0.000 0.074	10.0	11.0	RS036-U-0600-0700-110
60	-0.030 -0.076	70	0.000 +0.074	12.0	13.0	RS036-U-0600-0700-130
60	-0.030 -0.076	73	+0.000 +0.074	10.0	11.0	RS036-U-0600-0730-110
60	-0.030 -0.076	75	+0.000 +0.074	11.4	12.5	RS036-U-0600-0750-125
63	-0.030 -0.076	73	+0.000 +0.074	12.0	13.0	RS036-U-0630-0730-130
63	-0.030 -0.076	78	+0.000 +0.074	11.4	12.5	RS036-U-0630-0780-125
65	-0.030 -0.076	78	+0.000 +0.074	10.0	11.0	RS036-U-0650-0780-110
65	-0.030 -0.076	80	+0.000 +0.074	12.0	13.0	RS036-U-0650-0800-130
70	-0.030 -0.076	85	+0.000 +0.087	11.4	12.5	RS036-U-0700-0850-125
70	-0.030 -0.076	83	+0.000 +0.087	10.0	11.0	RS036-U-0700-0830-110
75	-0.030 -0.076	85	+0.000 +0.087	12.0	13.0	RS036-U-0750-0850-130
75	-0.030 -0.076	88	+0.000 +0.087	10.0	11.0	RS036-U-0750-0880-110

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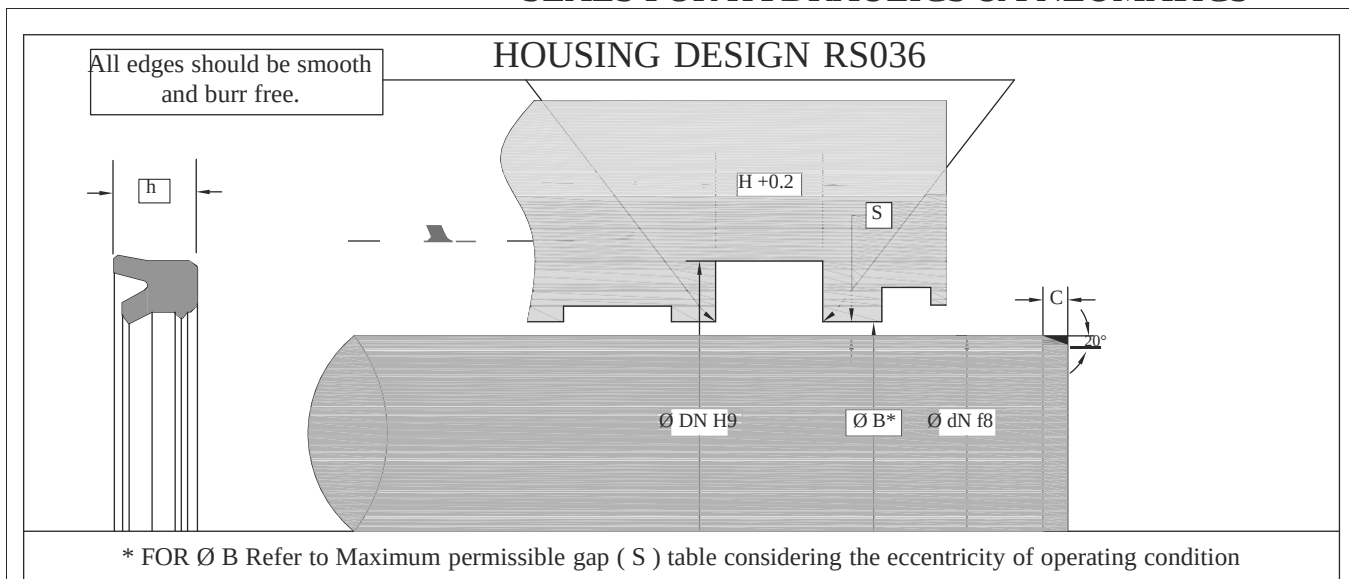


OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H9	h	H+0.2	ORDER CODE
75	-0.030 -0.076	90	+0.000 +0.087	12.0	13.0	RS036-U-0750-0900-130
75	-0.030 -0.076	95	+0.000 +0.087	12.0	13.0	RS036-U-0750-0950-130
80	-0.030 -0.076	90	+0.000 +0.087	12.0	13.0	RS036-U-0800-0900-130
80	-0.030 -0.076	93	+0.000 +0.087	10.0	11.0	RS036-U-0800-0930-110
80	-0.030 -0.076	95	+0.000 +0.087	11.4	12.5	RS036-U-0800-0950-125
80	-0.030 -0.076	100	+0.000 +0.087	12.0	13.0	RS036-U-0800-1000-130
85	-0.036 -0.090	100	+0.000 +0.087	12.0	13.0	RS036-U-0850-1000-130
85	-0.036 -0.090	105	+0.000 +0.087	12.0	13.0	RS036-U-0850-1050-130
90	-0.036 -0.090	100	+0.000 +0.087	12.0	13.0	RS036-U-0900-1000-130
90	-0.036 -0.090	105	+0.000 +0.087	11.4	12.5	RS036-U-0900-1050-125
90	-0.036 -0.090	110	+0.000 +0.087	12.0	13.0	RS036-U-0900-1100-130
95	-0.036 -0.090	110	+0.000 +0.087	9.0	10.0	RS036-U-0950-1100-100
95	-0.036 -0.090	115	+0.000 +0.087	12.0	13.0	RS036-U-0950-1150-130
100	-0.036 -0.090	115	+0.000 +0.087	9.0	10.0	RS036-U-1000-1150-100
100	-0.036 -0.090	120	+0.000 +0.087	14.5	16.0	RS036-U-1000-1200-160
100	-0.036 -0.090	125	+0.000 +0.100	14.5	16.0	RS036-U-1000-1250-160
105	-0.036 -0.090	120	+0.000 +0.087	10.0	11.0	RS036-U-1050-1200-110
105	-0.036 -0.090	125	+0.000 +0.087	12.0	13.0	RS036-U-1050-1250-130

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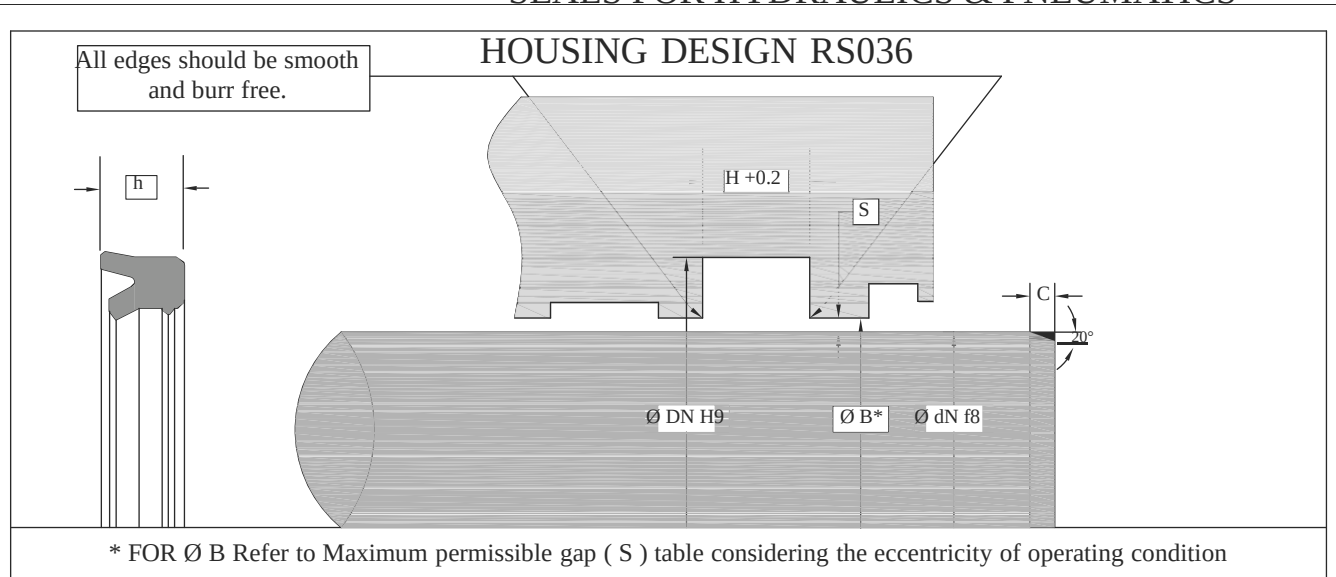


OUR STANDARD SIZE LIST

ØdN	TOL.f8	ØDN	TOL.H9	h	H+0.2	ORDER CODE
110	-0.036 -0.090	125	+0.000 +0.100	11.4	12.5	RS036-U-1100-1250-125
110	-0.036 -0.090	130	+0.000 +0.100	14.5	16.0	RS036-U-1100-1300-160
115	-0.036 -0.090	130	+0.000 +0.100	10.0	11.0	RS036-U-1150-1300-110
115	-0.036 -0.090	135	+0.000 +0.100	14.5	16.0	RS036-U-1150-1350-160
115	-0.036 -0.090	140	+0.000 +0.100	14.5	16.0	RS036-U-1150-1400-160
120	-0.036 -0.090	140	+0.000 +0.100	14.5	16.0	RS036-U-1200-1400-160
125	-0.043 -0.106	135	+0.000 +0.100	12.0	13.0	RS036-U-1250-1350-130
125	-0.043 -0.106	145	+0.000 +0.100	14.5	16.0	RS036-U-1250-1450-160
130	-0.043 -0.106	150	+0.000 +0.100	14.5	16.0	RS036-U-1300-1500-160
135	-0.043 -0.106	150	+0.000 +0.100	11.4	12.5	RS036-U-1350-1500-125
140	-0.043 -0.106	155	+0.000 +0.100	13.0	14.0	RS036-U-1400-1550-140
140	-0.043 -0.106	160	+0.000 +0.100	14.5	16.0	RS036-U-1400-1600-160
150	-0.043 -0.106	170	+0.000 +0.100	14.5	16.0	RS036-U-1500-1700-160
155	-0.043 -0.106	170	+0.000 +0.100	10.0	11.0	RS036-U-1550-1700-110
160	-0.043 -0.106	180	+0.000 +0.100	14.5	16.0	RS036-U-1600-1800-160
165	-0.043 -0.106	180	+0.000 +0.100	10.0	11.0	RS036-U-1650-1800-110
170	-0.043 -0.106	190	+0.000 +0.115	14.5	16.0	RS036-U-1700-1900-160

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OUR STANDARD SIZE LIST

[illegible]