

## ROD SEAL

## RS018



### Features:

Rod seal profile RS018 consists of two piece seal set for sealing rod with one seal ring and one energizer O-ring.

### Composition:

SEAL COMBINATION	SEAL RING COMPOUND	O-RING COMPOUND	TEMP. RANGE	WORKING PRESSURE (Max.)	SURFACE SPEED (Max.)
RS018-01	PT02	NB02	-35 to 100°C	400 Bar	4 m/s
RS018-02	PT02	VT01	-25 to 200°C	400 Bar	4 m/s

For compound detail please refer Royal seal compounds. (Section - III)

### Properties:

- Low friction, free of stick slip
- High abrasion resistance.
- Wide temperature Range.
- Good thermal conductivity.
- Low wear and high extrusion resistance.
- Wide fluid application range.
- Resistance against cold flow.

### Application:

- Mobile Hydraulics
- Injection moulding machines
- Machine tools
- Material Handling Equipments.

### 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 radial clearance on each side using maximum gland bush groove inner dia and minimum rod dia considering respective tolerances.

Profile dimension	Maximum permissible gap (S) for Metric Sizes (mm)			
	160 bar	260 bar	320 bar	400 bar
H				
2.20	0.18	0.15	-	-
3.20	0.20	0.18	-	-
4.20	0.25	0.20	0.15	-
6.30	0.30	0.25	0.22	0.20
8.10	0.35	0.30	0.28	0.25

Profile dimension	Maximum permissible gap (S) for Imperial Sizes (inch)			
	160 bar	260 bar	320 bar	400 bar
H				
0.126	0.008	0.007	-	-
0.166	0.010	0.008	0.006	-
0.247	0.012	0.010	0.009	0.008
0.320	0.014	0.012	0.011	0.010

### Installation:

RS018 is very easy to fit. Insert the O ring first and then turn the PTFE part in kidney shape and insert in the groove. Gauge the seal by a taper rod type fixture. Careful fitting of the seal is a pre-requisite for it's perfect functioning.

### Ordering format:

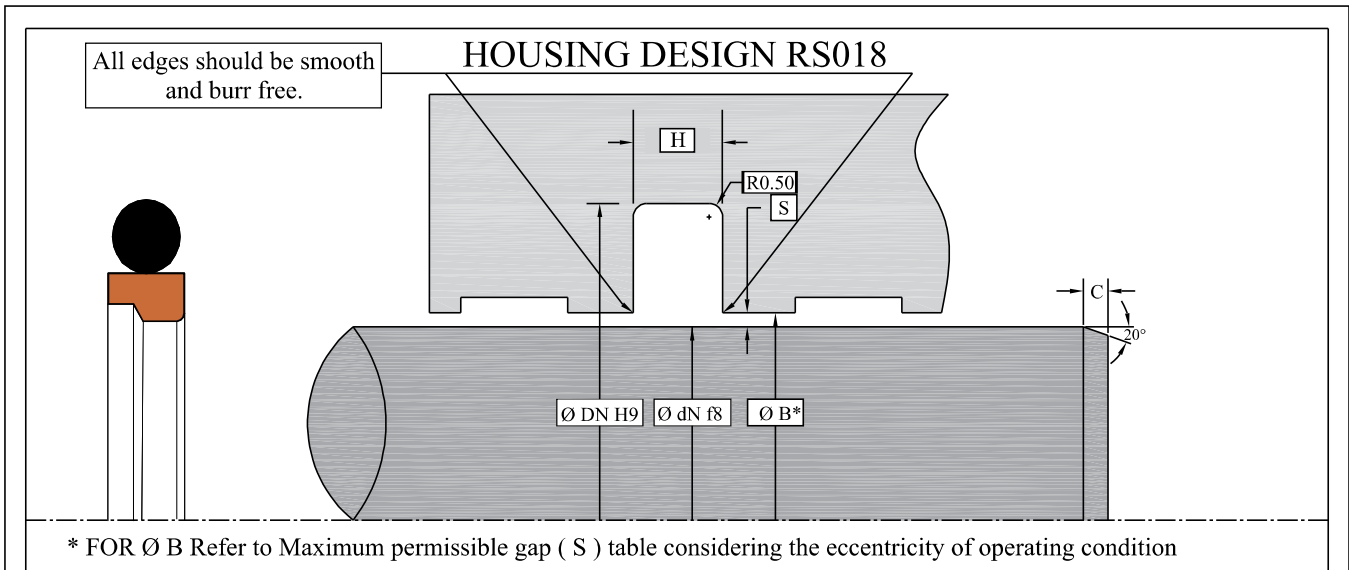
Please mention ROYAL order code in your order.

Example: For Metric Size 6.00X10.90X 2.20

Order Code is **RS018-M-01-006.00 X 010.90 X 02.20**

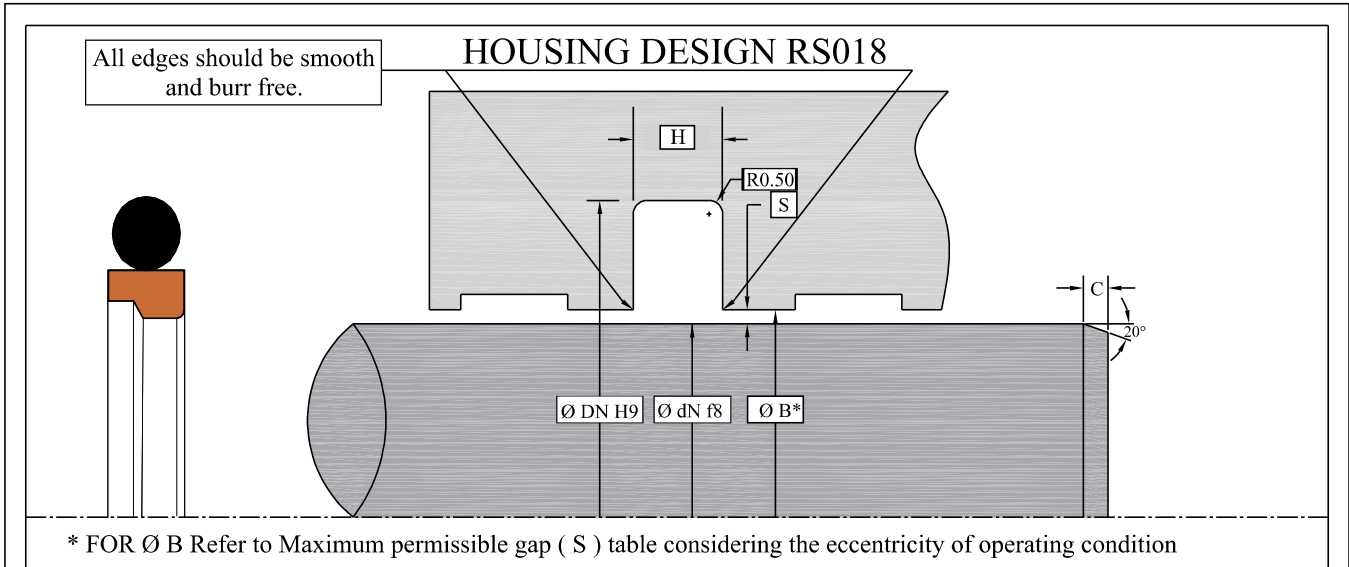
Example: For Imperial Size 0.500"X 0.787"X 0.126"

Order Code is **RS018-I-01-00.500 X 00.787 X 0.126**



**ROYAL STANDARD SIZE LIST**

ØdN (f8)	ØDN (H9)	H (+0.20)	C	O-RING SIZE	ORDER CODE
6.00	10.90	2.20	2.50	7.65 X 1.78	RS018-M-01-006.00 X 010.90 X 02.20
8.00	12.90	2.20	2.50	9.50 X 1.80	RS018-M-01-008.00 X 012.90 X 02.20
10.00	14.90	2.20	2.50	12.42 X 1.78	RS018-M-01-010.00 X 014.90 X 02.20
10.00	17.30	3.20	2.50	10.77 X 2.62	RS018-M-01-010.00 X 017.30 X 03.20
12.00	16.90	2.20	2.50	12.42 X 1.78	RS018-M-01-012.00 X 016.90 X 02.20
12.00	19.30	3.20	2.50	13.94 X 2.62	RS018-M-01-012.00 X 019.30 X 03.20
14.00	18.90	2.20	2.50	15.60 X 1.78	RS018-M-01-014.00 X 018.90 X 02.20
14.00	21.30	3.20	2.50	17.12 X 2.62	RS018-M-01-014.00 X 021.30 X 03.20
15.00	22.30	3.20	2.50	17.12 X 2.62	RS018-M-01-015.00 X 022.30 X 03.20
15.00	30.10	6.30	6.00	19.99 X 5.33	RS018-M-01-015.00 X 030.10 X 06.30
16.00	20.90	2.20	2.50	17.17 X 1.78	RS018-M-01-016.00 X 020.90 X 02.20
16.00	23.30	3.20	2.50	18.72 X 2.62	RS018-M-01-016.00 X 023.30 X 03.20
18.00	22.90	2.20	2.50	18.77 X 1.78	RS018-M-01-018.00 X 022.90 X 02.20
18.00	25.30	3.20	2.50	20.29 X 2.62	RS018-M-01-018.00 X 025.30 X 03.20
18.00	28.70	4.20	3.50	21.89 X 3.53	RS018-M-01-018.00 X 028.70 X 04.20
20.00	27.30	3.20	2.50	21.89 X 2.62	RS018-M-01-020.00 X 027.30 X 03.20
20.00	30.70	4.20	3.50	23.40 X 3.53	RS018-M-01-020.00 X 030.70 X 04.20
20.00	35.10	6.30	6.00	24.77 X 5.33	RS018-M-01-020.00 X 035.10 X 06.30
22.00	29.30	3.20	2.50	25.07 X 2.62	RS018-M-01-022.00 X 029.30 X 03.20
22.00	32.70	4.20	3.50	26.58 X 3.53	RS018-M-01-022.00 X 032.70 X 04.20
25.00	32.30	3.20	2.50	28.24 X 2.62	RS018-M-01-025.00 X 032.30 X 03.20
25.00	35.70	4.20	3.50	29.75 X 3.53	RS018-M-01-025.00 X 035.70 X 04.20
25.00	40.10	6.30	6.00	29.51 X 5.33	RS018-M-01-025.00 X 040.10 X 06.30
28.00	35.30	3.20	2.50	29.82 X 2.62	RS018-M-01-028.00 X 035.30 X 03.20
28.00	38.70	4.20	3.50	32.92 X 3.53	RS018-M-01-028.00 X 038.70 X 04.20
30.00	37.30	3.20	2.50	32.99 X 2.62	RS018-M-01-030.00 X 037.30 X 03.20
30.00	40.70	4.20	3.50	34.52 X 3.53	RS018-M-01-030.00 X 040.70 X 04.20
30.00	45.10	6.30	6.00	34.29 X 5.33	RS018-M-01-030.00 X 045.10 X 06.30
32.00	39.30	3.20	2.50	34.59 X 2.62	RS018-M-01-032.00 X 039.30 X 03.20
32.00	42.70	4.20	3.50	36.09 X 3.53	RS018-M-01-032.00 X 042.70 X 04.20



**ROYAL STANDARD SIZE LIST**

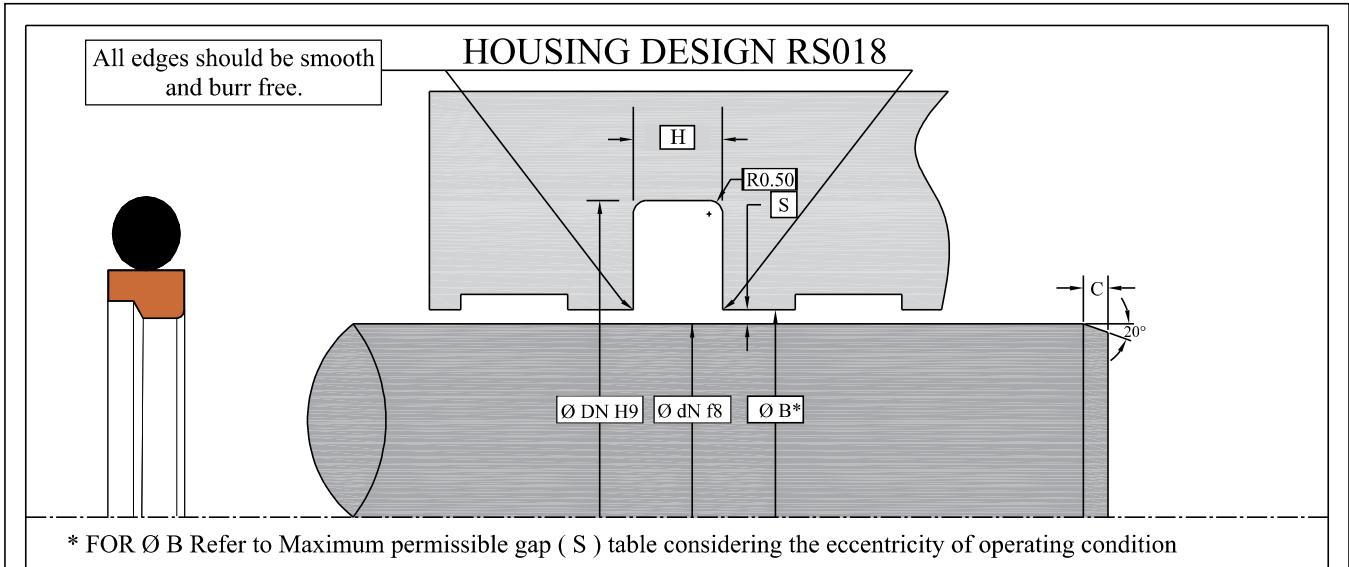
ØdN	ØDN	H(+0.20)	C	O-RING SIZE	ORDER CODE
35.00	42.30	3.20	2.50	37.77 X 2.62	RS018-M-01-035.00 X 042.30 X 03.20
35.00	45.70	4.20	3.50	37.69 X 3.53	RS018-M-01-035.00 X 045.70 X 04.20
35.00	50.10	6.30	6.00	40.64 X 5.33	RS018-M-01-035.00 X 050.10 X 06.30
36.00	43.30	3.20	2.50	39.34 X 2.62	RS018-M-01-036.00 X 043.30 X 03.20
36.00	46.70	4.20	3.50	40.87 X 3.53	RS018-M-01-036.00 X 046.70 X 04.20
38.00	48.70	4.20	3.50	42.08 X 3.53	RS018-M-01-038.00 X 048.70 X 04.20
38.00	53.10	6.30	5.50	43.82 X 5.33	RS018-M-01-038.00 X 053.10 X 06.30
40.00	50.70	4.20	3.50	44.04 X 3.53	RS018-M-01-040.00 X 050.70 X 04.20
40.00	55.10	6.30	5.50	45.70 X 5.33	RS018-M-01-040.00 X 055.10 X 06.30
42.00	52.70	4.20	3.50	44.04 X 3.53	RS018-M-01-042.00 X 052.70 X 04.20
42.00	57.10	6.30	5.50	46.99 X 5.33	RS018-M-01-042.00 X 057.10 X 06.30
45.00	55.70	4.20	3.50	48.70 X 3.53	RS018-M-01-045.00 X 055.70 X 04.20
45.00	60.10	6.30	5.50	50.17 X 5.33	RS018-M-01-045.00 X 060.10 X 06.30
48.00	63.10	6.30	6.00	53.34 X 5.33	RS018-M-01-048.00 X 063.10 X 06.30
50.00	60.70	4.20	3.50	53.57 X 3.53	RS018-M-01-050.00 X 060.70 X 04.20
50.00	65.10	6.30	5.50	56.52 X 5.33	RS018-M-01-050.00 X 065.10 X 06.30
55.00	65.70	4.20	3.50	59.92 X 3.53	RS018-M-01-055.00 X 065.70 X 04.20
55.00	70.10	6.30	5.50	59.69 X 5.33	RS018-M-01-055.00 X 070.10 X 06.30
56.00	66.70	4.20	3.50	59.92 X 3.53	RS018-M-01-056.00 X 066.70 X 04.20
56.00	71.10	6.30	5.50	62.87 X 5.33	RS018-M-01-056.00 X 071.10 X 06.30
60.00	70.70	4.20	3.50	63.09 X 3.53	RS018-M-01-060.00 X 070.70 X 04.20
60.00	75.10	6.30	5.50	66.04 X 5.33	RS018-M-01-060.00 X 075.10 X 06.30
63.00	73.70	4.20	3.50	66.27 X 3.53	RS018-M-01-063.00 X 073.70 X 04.20
63.00	78.10	6.30	5.50	69.22 X 5.33	RS018-M-01-063.00 X 078.10 X 06.30
65.00	75.70	4.20	3.50	69.44 X 3.53	RS018-M-01-065.00 X 075.70 X 04.20
65.00	80.10	6.30	5.50	69.22 X 5.33	RS018-M-01-065.00 X 080.10 X 06.30
68.00	83.10	6.30	5.50	72.39 X 5.33	RS018-M-01-068.00 X 083.10 X 06.30
70.00	80.70	4.20	3.50	72.62 X 3.53	RS018-M-01-070.00 X 080.70 X 04.20
70.00	85.10	6.30	5.50	75.57 X 5.33	RS018-M-01-070.00 X 085.10 X 06.30
75.00	85.70	4.20	3.50	78.97 X 3.53	RS018-M-01-075.00 X 085.70 X 04.20



## SEALS FOR HYDRAULICS & PNEUMATICS

### ROYAL STANDARD SIZE LIST

ØdN (f8)	ØDN (H9)	H (+0.20)	C	O-RING SIZE	ORDER CODE
75.00	90.10	6.30	5.50	81.92 X 5.33	RS018-M-01-075.00 X 090.10 X 06.30
78.00	93.10	6.30	5.50	85.09 X 5.33	RS018-M-01-078.00 X 093.10 X 06.30
80.00	90.70	4.20	3.50	85.32 X 3.53	RS018-M-01-080.00 X 090.70 X 04.20
80.00	95.10	6.30	5.50	85.09 X 5.33	RS018-M-01-080.00 X 095.10 X 06.30
80.00	100.50	8.10	8.00	88.00 X 7.00	RS018-M-01-080.00 X 100.50 X 08.10
83.00	98.10	6.30	6.00	88.27 X 5.33	RS018-M-01-083.00 X 098.10 X 06.30
85.00	95.70	4.20	3.50	88.49 X 3.53	RS018-M-01-085.00 X 095.70 X 04.20
85.00	100.10	6.30	6.00	91.44 X 5.33	RS018-M-01-085.00 X 100.10 X 06.30
88.00	103.10	6.30	6.00	94.62 X 5.33	RS018-M-01-088.00 X 103.10 X 06.30
90.00	100.70	4.20	3.50	94.84 X 3.53	RS018-M-01-090.00 X 100.70 X 04.20
90.00	105.10	6.30	6.00	94.62 X 5.33	RS018-M-01-090.00 X 105.10 X 06.30
90.00	110.50	8.10	8.00	98.00 X 7.00	RS018-M-01-090.00 X 110.50 X 08.10
95.00	110.10	6.30	6.00	100.97 X 5.33	RS018-M-01-095.00 X 110.10 X 06.30
98.00	113.10	6.30	6.00	104.17 X 5.33	RS018-M-01-098.00 X 113.10 X 06.30
100.00	115.10	6.30	6.00	104.14 X 5.33	RS018-M-01-100.00 X 115.10 X 06.30
100.00	120.50	8.10	8.00	108.00 X 7.00	RS018-M-01-100.00 X 120.50 X 08.10
105.00	115.70	4.20	3.50	110.72 x 3.53	RS018-M-01-105.00 X 115.70 X 04.20
105.00	120.10	6.30	6.00	110.49 X 5.33	RS018-M-01-105.00 X 120.10 X 06.30
108.00	123.10	6.30	6.00	113.67 X 5.33	RS018-M-01-108.00 X 123.10 X 06.30
110.00	125.10	6.30	6.00	116.84 X 5.33	RS018-M-01-110.00 X 125.10 X 06.30
110.00	130.50	8.10	8.00	116.84 X 6.99	RS018-M-01-110.00 X 130.50 X 08.10
115.00	130.10	6.30	6.00	120.02 X 5.33	RS018-M-01-115.00 X 130.10 X 06.30
115.00	135.50	8.10	8.00	120.02 X 6.99	RS018-M-01-115.00 X 135.50 X 08.10
118.00	133.10	6.30	6.00	123.19 X 5.33	RS018-M-01-118.00 X 133.10 X 06.30
120.00	135.10	6.30	6.00	126.37 X 5.33	RS018-M-01-120.00 X 135.10 X 06.30
120.00	140.50	8.10	8.00	126.37 X 6.99	RS018-M-01-120.00 X 140.50 X 08.10
125.00	140.10	6.30	6.00	129.54 X 5.33	RS018-M-01-125.00 X 140.10 X 06.30
125.00	145.50	8.10	8.00	132.72 X 6.99	RS018-M-01-125.00 X 145.50 X 08.10
127.00	137.70	4.20	3.50	129.77 x 3.53	RS018-M-01-127.00 X 137.70 X 04.20
127.00	142.10	6.30	6.00	132.72 X 5.33	RS018-M-01-127.00 X 142.10 X 06.30
128.00	143.10	6.30	6.00	132.72 X 5.33	RS018-M-01-128.00 X 143.10 X 06.30
130.00	145.10	6.30	6.00	135.89 X 5.33	RS018-M-01-130.00 X 145.10 X 06.30
130.00	150.50	8.10	8.00	135.89 X 6.99	RS018-M-01-130.00 X 150.50 X 08.10
135.00	150.10	6.30	6.00	139.07 X 5.33	RS018-M-01-135.00 X 150.10 X 06.30
135.00	155.50	8.10	8.00	142.24 X 6.99	RS018-M-01-135.00 X 155.50 X 08.10
136.00	151.10	6.30	6.00	142.24 X 5.33	RS018-M-01-136.00 X 151.10 X 06.30
138.00	153.10	6.30	6.00	142.24 X 5.33	RS018-M-01-138.00 X 153.10 X 06.30
140.00	150.70	4.20	3.50	145.64 x 3.53	RS018-M-01-140.00 X 150.70 X 04.20
140.00	155.10	6.30	6.00	145.42 X 5.33	RS018-M-01-140.00 X 155.10 X 06.30
140.00	160.50	8.10	8.00	145.42 X 6.99	RS018-M-01-140.00 X 160.50 X 08.10
145.00	155.70	4.20	3.50	148.82 x 3.53	RS018-M-01-145.00 X 155.70 X 04.20
145.00	160.10	6.30	6.00	151.77 X 5.33	RS018-M-01-145.00 X 160.10 X 06.30
150.00	165.10	6.30	6.00	154.50 X 5.33	RS018-M-01-150.00 X 165.10 X 06.30
150.00	170.50	8.10	8.00	158.12 X 6.99	RS018-M-01-150.00 X 170.50 X 08.10
155.00	170.10	6.30	8.00	158.12 X 5.33	RS018-M-01-155.00 X 170.10 X 06.30
160.00	175.10	6.30	6.00	164.47 X 5.33	RS018-M-01-160.00 X 175.10 X 06.30

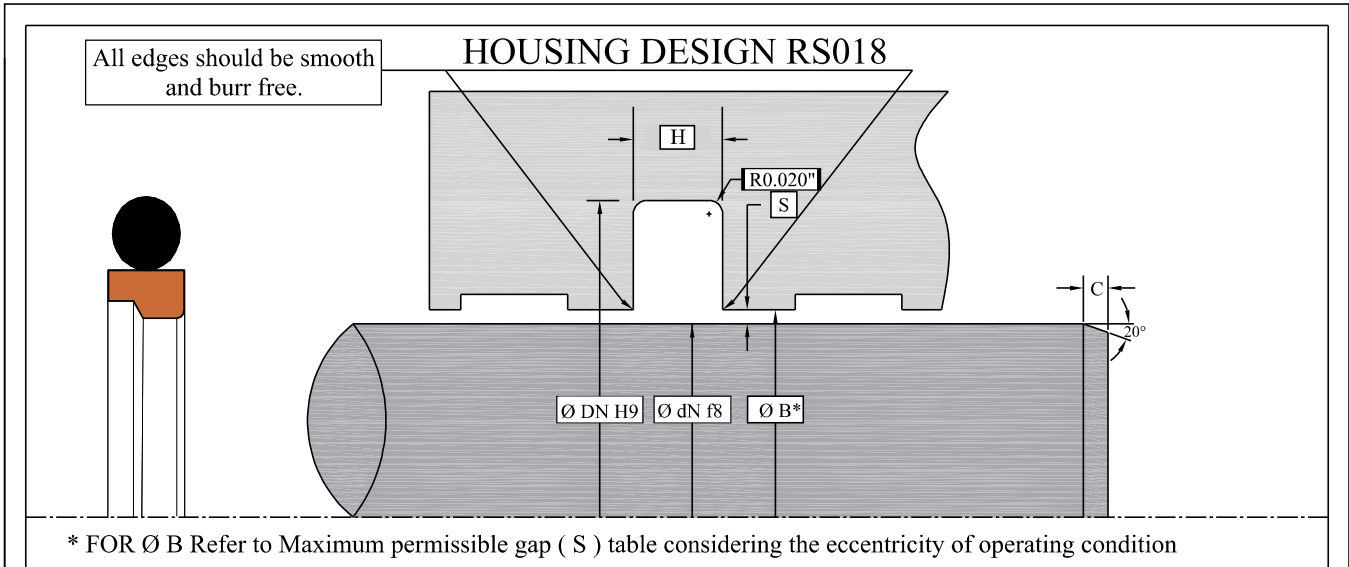


**ROYAL STANDARD SIZE LIST**

ØdN (f8)	ØDN (H9)	H (+0.20)	C	O-RING SIZE	ORDER CODE
160.00	180.50	8.10	8.00	170.82 X 6.99	RS018-M-01-160.00 X 180.50 X 08.10
165.00	180.10	6.30	6.00	170.82 X 5.33	RS018-M-01-165.00 X 180.10 X 06.30
170.00	185.10	6.30	6.00	175.02 X 5.33	RS018-M-01-170.00 X 185.10 X 06.30
170.00	190.50	8.10	8.00	177.17 X 6.99	RS018-M-01-170.00 X 190.50 X 08.10
175.00	185.70	4.20	3.50	177.39 x 3.53	RS018-M-01-175.00 X 185.70 X 04.20
175.00	190.10	6.30	6.00	179.30 X 5.33	RS018-M-01-175.00 X 190.10 X 06.30
175.00	195.50	8.10	8.00	183.52 X 6.99	RS018-M-01-175.00 X 195.50 X 08.10
180.00	195.10	6.30	6.00	183.52 X 5.33	RS018-M-01-180.00 X 195.10 X 06.30
180.00	200.50	8.10	8.00	189.87 X 6.99	RS018-M-01-180.00 X 200.50 X 08.10
185.00	200.10	6.30	6.00	189.87 X 5.33	RS018-M-01-185.00 X 200.10 X 06.30
190.00	205.50	6.30	6.00	196.22 X 5.33	RS018-M-01-190.00 X 205.50 X 06.30
190.00	210.50	8.10	8.00	196.22 X 6.99	RS018-M-01-190.00 X 210.50 X 08.10
195.00	210.10	6.30	6.00	202.57 X 5.33	RS018-M-01-195.00 X 210.10 X 06.30
200.00	215.10	6.30	6.00	202.57 X 5.33	RS018-M-01-200.00 X 215.10 X 06.30
200.00	220.50	8.10	8.00	208.50 X 6.99	RS018-M-01-200.00 X 220.50 X 08.10
210.00	230.50	8.10	8.00	215.27 X 6.99	RS018-M-01-210.00 X 230.50 X 08.10
215.00	235.50	8.10	8.00	221.86 X 6.99	RS018-M-01-215.00 X 235.50 X 08.10
220.00	240.50	8.10	8.00	227.97 X 6.99	RS018-M-01-220.00 X 240.50 X 08.10
225.00	245.50	8.10	8.00	234.32 X 6.99	RS018-M-01-225.00 X 245.50 X 08.10
230.00	250.50	8.10	8.00	236.00 X 6.99	RS018-M-01-230.00 X 250.50 X 08.10
235.00	255.50	8.10	8.00	240.67 X 6.99	RS018-M-01-235.00 X 255.50 X 08.10
240.00	260.50	8.10	8.00	247.00 X 6.99	RS018-M-01-240.00 X 260.50 X 08.10
245.00	265.50	8.10	8.00	253.37 X 6.99	RS018-M-01-245.00 X 265.50 X 08.10
250.00	270.50	8.10	8.00	253.37 X 6.99	RS018-M-01-250.00 X 270.50 X 08.10
260.00	284.00	8.10	8.00	266.07 X 6.99	RS018-M-01-260.00 X 284.00 X 08.10
270.00	294.00	8.10	8.00	278.77 X 6.99	RS018-M-01-270.00 X 294.00 X 08.10
275.00	299.00	8.10	8.00	291.47 X 6.99	RS018-M-01-275.00 X 299.00 X 08.10
280.00	304.00	8.10	8.00	291.47 X 6.99	RS018-M-01-280.00 X 304.00 X 08.10
290.00	314.00	8.10	8.00	304.17 X 6.99	RS018-M-01-290.00 X 314.00 X 08.10
300.00	324.00	8.10	8.00	316.87 X 6.99	RS018-M-01-300.00 X 324.00 X 08.10

ROYAL STANDARD SIZE LIST

$\varnothing$ dN (f8)	$\varnothing$ DN (H9)	H (+0.20)	C	O-RING SIZE	ORDER CODE
303.80	327.80	8.10	8.00	316.87 X 6.99	RS018-M-01-303.80 X 327.80 X 08.10
310.00	334.00	8.10	8.00	316.87 X 6.99	RS018-M-01-310.00 X 334.00 X 08.10
320.00	344.00	8.10	8.00	329.57 X 6.99	RS018-M-01-320.00 X 344.00 X 08.10
330.00	354.00	8.10	8.00	342.27 X 6.99	RS018-M-01-330.00 X 354.00 X 08.10
340.00	364.00	8.10	8.00	354.97 X 6.99	RS018-M-01-340.00 X 364.00 X 08.10
350.00	374.00	8.10	8.00	367.17 X 6.99	RS018-M-01-350.00 X 374.00 X 08.10
360.00	384.00	8.10	8.00	367.17 X 6.99	RS018-M-01-360.00 X 384.00 X 08.10
375.00	399.00	8.10	8.00	393.07 X 6.99	RS018-M-01-375.00 X 399.00 X 08.10
380.00	404.00	8.10	8.00	393.07 X 6.99	RS018-M-01-380.00 X 404.00 X 08.10
390.00	414.00	8.10	8.00	405.26 X 6.99	RS018-M-01-390.00 X 414.00 X 08.10
400.00	424.00	8.10	8.00	417.96 X 6.99	RS018-M-01-400.00 X 424.00 X 08.10
410.00	434.00	8.10	8.00	417.96 X 6.99	RS018-M-01-410.00 X 434.00 X 08.10



**ROYAL STANDARD SIZE LIST**

IMPERIAL SIZE					
$\varnothing dN$ (f8)	$\varnothing DN$ (H9)	H (+0.008")	C	O-RING SIZE	ORDER CODE
0.500	0.787	0.126	0.098	15.54 X 2.62	RS018-I-01-00.500 X 00.787 X 0.126
0.625	0.912	0.126	0.098	18.72 X 2.62	RS018-I-01-00.625 X 00.912 X 0.126
0.750	1.037	0.126	0.098	21.90 X 2.62	RS018-I-01-00.750 X 01.037 X 0.126
0.750	1.171	0.165	0.138	24.82 X 3.53	RS018-I-01-00.750 X 01.171 X 0.165
0.875	1.162	0.126	0.098	25.07 X 2.62	RS018-I-01-00.875 X 01.162 X 0.126
0.875	1.296	0.165	0.138	26.57 X 3.53	RS018-I-01-00.875 X 01.296 X 0.165
1.000	1.287	0.126	0.098	28.25 X 2.62	RS018-I-01-01.000 X 01.287 X 0.126
1.000	1.421	0.165	0.138	29.75 X 3.53	RS018-I-01-01.000 X 01.421 X 0.165
1.125	1.412	0.126	0.098	31.42 X 2.62	RS018-I-01-01.125 X 01.412 X 0.126
1.125	1.546	0.165	0.138	32.92 X 3.53	RS018-I-01-01.125 X 01.546 X 0.165
1.250	1.537	0.126	0.098	34.60 X 2.62	RS018-I-01-01.250 X 01.537 X 0.126
1.250	1.671	0.165	0.138	36.10 X 3.53	RS018-I-01-01.250 X 01.671 X 0.165
1.375	1.662	0.126	0.098	37.77 X 2.62	RS018-I-01-01.375 X 01.662 X 0.126
1.375	1.796	0.165	0.138	37.70 X 3.53	RS018-I-01-01.375 X 01.796 X 0.165
1.500	1.787	0.126	0.098	40.95 X 2.62	RS018-I-01-01.500 X 01.787 X 0.126
1.500	1.921	0.165	0.138	40.87 X 3.53	RS018-I-01-01.500 X 01.921 X 0.165
1.500	2.094	0.248	0.217	43.82 X 5.33	RS018-I-01-01.500 X 02.094 X 0.248
1.625	1.912	0.126	0.098	44.12 X 2.62	RS018-I-01-01.625 X 01.912 X 0.126
1.625	2.046	0.165	0.138	44.05 X 3.53	RS018-I-01-01.625 X 02.046 X 0.165
1.750	2.037	0.126	0.098	17.30 X 2.62	RS018-I-01-01.750 X 02.037 X 0.126
1.750	2.171	0.165	0.138	47.22 X 3.53	RS018-I-01-01.750 X 02.171 X 0.165
1.750	2.344	0.248	0.217	50.16 X 5.33	RS018-I-01-01.750 X 02.344 X 0.248
1.875	2.296	0.165	0.138	50.40 X 3.53	RS018-I-01-01.875 X 02.296 X 0.165
2.000	2.421	0.165	0.138	53.57 X 3.53	RS018-I-01-02.000 X 02.421 X 0.165
2.000	2.594	0.248	0.217	56.52 X 5.33	RS018-I-01-02.000 X 02.594 X 0.248
2.125	2.546	0.165	0.138	56.75 X 3.53	RS018-I-01-02.125 X 02.546 X 0.165
2.250	2.671	0.165	0.138	59.92 X 3.53	RS018-I-01-02.250 X 02.671 X 0.165
2.250	2.844	0.248	0.217	62.87 X 5.33	RS018-I-01-02.250 X 02.844 X 0.248





## SEALS FOR HYDRAULICS & PNEUMATICS

ROYAL STANDARD SIZE LIST					
ØdN (f8)	ØDN (H9)	H (+0.008")	C	O-RING SIZE	ORDER CODE
2.375	2.796	0.165	0.138	63.10 X 3.53	RS018-I-01-02.375 X 02.796 X 0.165
2.500	2.921	0.165	0.138	66.27 X 3.53	RS018-I-01-02.500 X 02.921 X 0.165
2.500	3.094	0.248	0.217	69.22 X 5.33	RS018-I-01-02.500 X 03.094 X 0.248
2.625	3.046	0.165	0.138	69.44 X 3.53	RS018-I-01-02.625 X 03.046 X 0.165
2.625	3.219	0.248	0.217	72.39 X 5.33	RS018-I-01-02.625 X 03.219 X 0.248
2.750	3.171	0.165	0.138	72.62 X 3.53	RS018-I-01-02.750 X 03.171 X 0.165
2.750	3.344	0.248	0.217	75.57 X 5.33	RS018-I-01-02.750 X 03.344 X 0.248
2.875	3.296	0.165	0.138	75.79 X 3.53	RS018-I-01-02.875 X 03.296 X 0.165
3.000	3.421	0.165	0.138	78.97 X 3.53	RS018-I-01-03.000 X 03.421 X 0.165
3.000	3.594	0.248	0.217	81.92 X 5.33	RS018-I-01-03.000 X 03.594 X 0.248
3.250	3.844	0.248	0.217	88.27 X 5.33	RS018-I-01-03.250 X 03.844 X 0.248
3.500	4.094	0.248	0.217	94.62 X 5.33	RS018-I-01-03.500 X 04.094 X 0.248
3.625	4.219	0.248	0.217	97.79 X 5.33	RS018-I-01-03.625 X 04.219 X 0.248
3.750	4.344	0.248	0.217	100.96 X 5.33	RS018-I-01-03.750 X 04.344 X 0.248
4.000	4.594	0.248	0.217	107.32 X 5.33	RS018-I-01-04.000 X 04.594 X 0.248
4.000	4.807	0.319	0.315	107.32 X 6.99	RS018-I-01-04.000 X 04.807 X 0.319
4.250	4.844	0.248	0.217	113.67 X 5.33	RS018-I-01-04.250 X 04.844 X 0.248
4.250	5.057	0.319	0.315	116.84 X 6.99	RS018-I-01-04.250 X 05.057 X 0.319
4.500	5.094	0.248	0.217	120.02 X 5.33	RS018-I-01-04.500 X 05.094 X 0.248
4.500	5.307	0.319	0.315	120.02 X 6.99	RS018-I-01-04.500 X 05.307 X 0.319
4.750	5.344	0.248	0.217	126.37 X 5.33	RS018-I-01-04.750 X 05.344 X 0.248
4.750	5.557	0.319	0.315	129.54 X 6.99	RS018-I-01-04.750 X 05.557 X 0.319
5.000	5.594	0.248	0.217	132.72 X 5.33	RS018-I-01-05.000 X 05.594 X 0.248
5.000	5.807	0.319	0.315	135.89 X 6.99	RS018-I-01-05.000 X 05.807 X 0.319
5.125	5.719	0.248	0.217	135.89 X 5.33	RS018-I-01-05.125 X 05.719 X 0.248
5.250	5.844	0.248	0.217	139.07 X 5.33	RS018-I-01-05.250 X 05.844 X 0.248
5.250	6.057	0.319	0.315	142.24 X 6.99	RS018-I-01-05.250 X 06.057 X 0.319
5.375	5.969	0.248	0.217	142.24 X 5.33	RS018-I-01-05.375 X 05.969 X 0.248
5.500	6.094	0.248	0.217	145.42 X 5.33	RS018-I-01-05.500 X 06.094 X 0.248
5.500	6.307	0.319	0.315	145.42 X 6.99	RS018-I-01-05.500 X 06.307 X 0.319
5.750	6.344	0.248	0.217	151.77 X 5.33	RS018-I-01-05.750 X 06.344 X 0.248
5.750	6.557	0.319	0.315	151.77 X 6.99	RS018-I-01-05.750 X 06.557 X 0.319
6.000	6.594	0.248	0.217	158.12 X 5.33	RS018-I-01-06.000 X 06.594 X 0.248
6.000	6.807	0.319	0.315	158.12 X 6.99	RS018-I-01-06.000 X 06.807 X 0.319
6.500	7.307	0.319	0.315	170.82 X 6.99	RS018-I-01-06.500 X 07.307 X 0.319
7.000	7.807	0.319	0.315	183.52 X 6.99	RS018-I-01-07.000 X 07.807 X 0.319
7.500	8.307	0.319	0.315	196.22 X 6.99	RS018-I-01-07.500 X 08.307 X 0.319
8.000	8.594	0.248	0.217	208.92 X 5.33	RS018-I-01-08.000 X 08.594 X 0.248
8.000	8.807	0.319	0.315	202.57 X 6.99	RS018-I-01-08.000 X 08.807 X 0.319
8.500	9.307	0.319	0.315	215.27 X 6.99	RS018-I-01-08.500 X 09.307 X 0.319
9.000	9.807	0.319	0.315	227.97 X 6.99	RS018-I-01-09.000 X 09.807 X 0.319
10.000	10.807	0.319	0.315	253.37 X 6.99	RS018-I-01-10.000 X 10.807 X 0.319
10.500	11.307	0.319	0.315	266.07 X 6.99	RS018-I-01-10.500 X 11.307 X 0.319
11.000	11.807	0.319	0.315	278.77 X 6.99	RS018-I-01-11.000 X 11.807 X 0.319
12.000	12.807	0.319	0.315	304.17 X 6.99	RS018-I-01-12.000 X 12.807 X 0.319