

Material

The 101 Series rod seal features high-grade polyurethane. Standard materials are P03 machined H-PU, available up to 1.9m in diameter, and P50 injection-moulded TPU. However, to suit a variety of applications the series is also available in robust NBR, H-NBR, high temperature-resistant FPM and EPDM.

Material	Code
Polyurethane H-PU	P03
Polyurethane TPU	P50

Operating Parameters

Temperature	P03		P50	
	°C	°F	°C	°F
hydraulic oil	-20...+115	-5...+240	-30...+110	-20...+230
water oil emulsions (HFA)	+5...+55	+40...+130	+5...+50	+40...+120
water-glycol fluids (HFC)	-20...+55	-5...+130	-30...+40	-20...+100
polyol esters (HFD)	-	-	-	-
water	+5...+55	+40...+130	+5...+50	+40...+120

Speed	0.5 m/s (1.6 ft/sec)
Pressure	400 bar (6000psi)

Note: for other materials or fluids please contact our engineering department

Description

The 101 Series rod U-Cup seal is designed for use as a primary seal in standard duty applications. Its asymmetrical design ensures that the dynamic and static lip sealing forces are optimized for every cross section and diameter.

Product Benefits

- High temperature resistance
- Good media resistance
- Long service life
- Available in diameters up to 1900mm

Applications

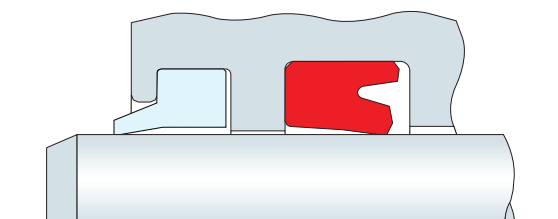
The 101 Series rod U-cup seal is suitable for a wide variety of uses.

Typical applications include:

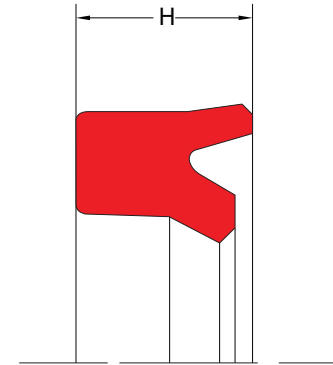
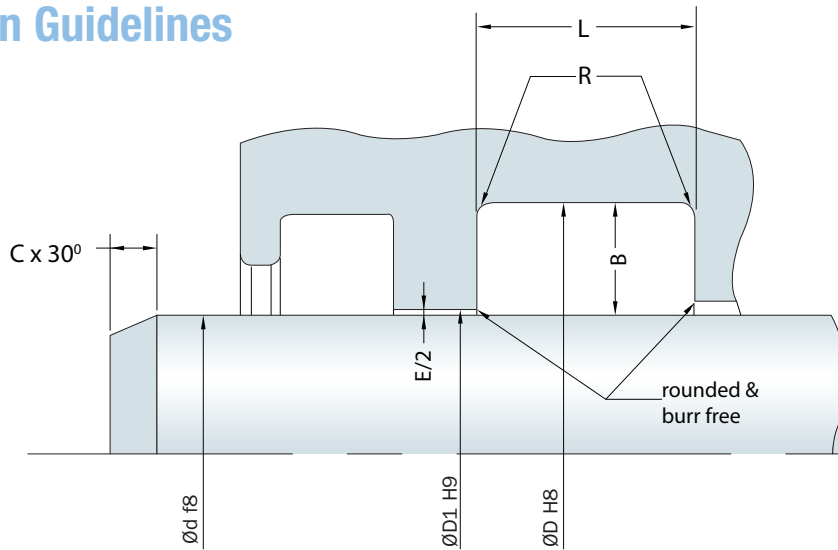
- Mobile hydraulics
- Injection molding
- Hydraulic presses

In high pressure applications requiring zero leakage over an extended period, it is used as a secondary seal with the 124 Series buffer seal.

Installation Drawing



Design Guidelines



Metric Series

	B	L ^{+0.2}	H	D	R typical	C
Series 1	4.00 mm	6.30	5.70	d + 8.00	0.40	2.50
Series 2	4.00 mm	9.00	8.10	d + 8.00	0.40	2.50
Series 3	4.00 mm	11.00	9.90	d + 8.00	0.40	2.50
Series 4	5.00 mm	8.00	7.20	d + 10.00	0.40	4.00
Series 5	5.00 mm	11.00	9.90	d + 10.00	0.40	4.00
Series 6	7.50 mm	12.50	11.30	d + 15.00	0.40	5.00
Series 7	10.00 mm	16.00	14.40	d + 20.00	0.40	6.50
Series 8	15.00 mm	19.00	17.10	d + 30.00	0.40	7.50

Pressure	E
<100 bar	0.51
<250 bar	0.36
<400 bar	0.23

Extrusion Gaps

Inch Series

	B	L ^{+0.008}	H	D	R typical	C
Series 1	0.250 inches	0.413	0.375	d + 0.500	0.016	0.195
Series 2	0.375 inches	0.619	0.563	d + 0.750	0.016	0.195
Series 3	0.500 inches	0.825	0.750	d + 1.000	0.016	0.250
Series 4	0.563 inches	0.928	0.844	d + 1.125	0.016	0.295
Series 5	0.625 inches	1.031	0.938	d + 1.250	0.016	0.295
Series 6	0.750 inches	1.238	1.125	d + 1.500	0.016	0.400
Series 7	1.000 inches	1.650	1.500	d + 2.000	0.016	0.500

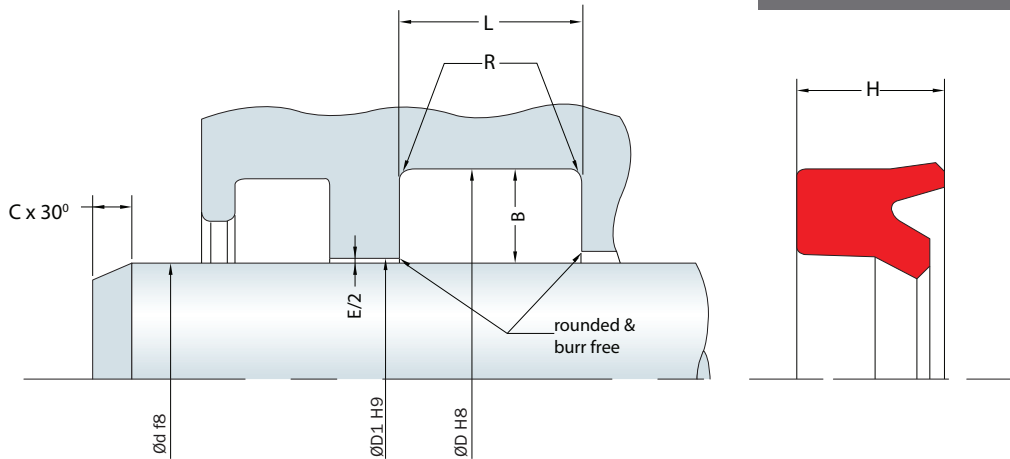
Pressure	E
<1500 bar	0.020
<3600 bar	0.014
<6000 bar	0.009

Extrusion Gaps

For higher pressures or temperatures, please consult our engineering department for guidance.

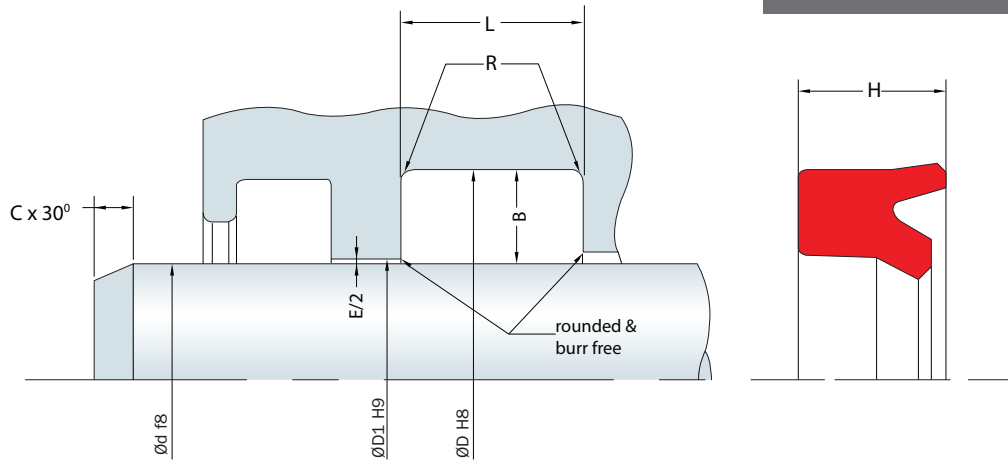
Surface Finish

Surface roughness	Ra	Rt	RMS
Sliding surface	≤0.3 µm	≤3 µm	8 RMS
Surface of groove I.D.	≤1.8 µm	≤10 µm	64 RMS
Sides of groove	≤3 µm	≤16 µm	125 RMS



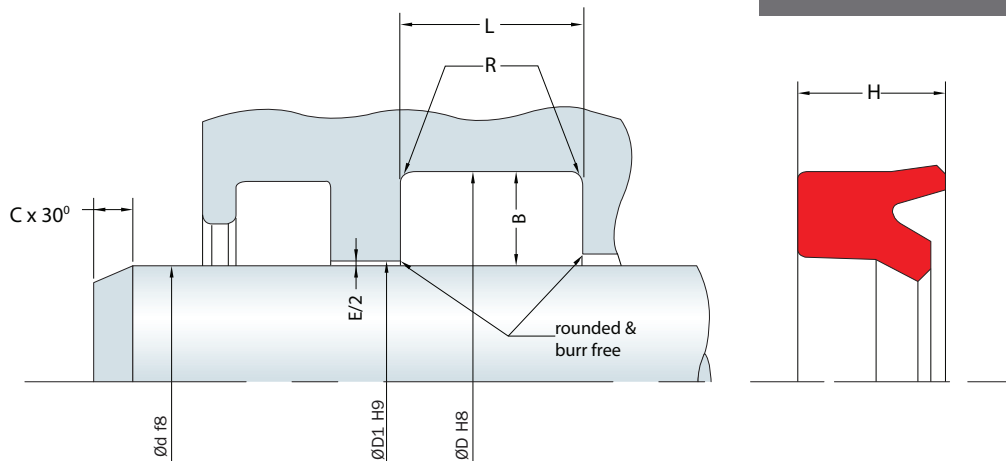
Parts List

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8.00	16.00	4.00	6.30	5.70	2.50	0.20	101.91583
8.00	16.00	4.00	9.00	8.20	2.50	0.20	101.91661
10.00	18.00	4.00	6.30	5.70	2.50	0.20	101.91652
10.00	20.00	5.00	8.00	7.30	4.00	0.20	101.91631
10.00	20.00	5.00	9.00	8.20	4.00	0.20	101.91589
11.00	19.00	4.00	6.30	5.70	2.50	0.20	101.91634
12.00	20.00	4.00	6.30	5.70	2.50	0.20	101.91376
12.00	22.00	5.00	8.00	7.30	4.00	0.20	101.91364
12.00	22.00	5.00	9.00	8.20	4.00	0.20	101.91471
14.00	22.00	4.00	6.30	5.70	2.50	0.20	101.91379
14.00	24.00	5.00	8.00	7.30	4.00	0.20	101.91512
14.00	24.00	5.00	9.00	8.20	4.00	0.20	101.91360
15.00	25.00	5.00	9.00	8.20	4.00	0.20	101.91517
16.00	24.00	4.00	6.30	5.70	2.50	0.20	101.91399
16.00	26.00	5.00	8.00	7.30	4.00	0.20	101.91536
16.00	26.00	5.00	9.00	8.20	4.00	0.20	101.91368
18.00	26.00	4.00	6.30	5.70	2.50	0.20	101.91505
18.00	26.00	4.00	9.00	8.20	2.50	0.20	101.91463
18.00	28.00	5.00	8.00	7.30	4.00	0.20	101.91557
18.00	28.00	5.00	9.00	8.20	4.00	0.20	101.91539
20.00	28.00	4.00	6.30	5.70	2.50	0.20	101.91596
20.00	30.00	5.00	8.00	7.30	4.00	0.20	101.91659
20.00	30.00	5.00	9.00	8.20	4.00	0.20	101.91475
22.00	30.00	4.00	6.30	5.70	2.50	0.20	101.91430
22.00	30.00	4.00	8.00	7.30	2.50	0.20	101.91493
22.00	30.00	4.00	9.00	8.20	2.50	0.20	101.91556
22.00	32.00	5.00	8.00	7.30	4.00	0.20	101.91466
22.00	32.00	5.00	9.00	8.20	4.00	0.20	101.91351
22.00	35.00	6.50	10.00	9.10	4.00	0.20	101.91531
25.00	33.00	4.00	6.30	5.70	2.50	0.20	101.91480
25.00	33.00	4.00	9.00	8.20	2.50	0.20	101.91412
25.00	35.00	5.00	7.00	6.40	4.00	0.20	101.91450



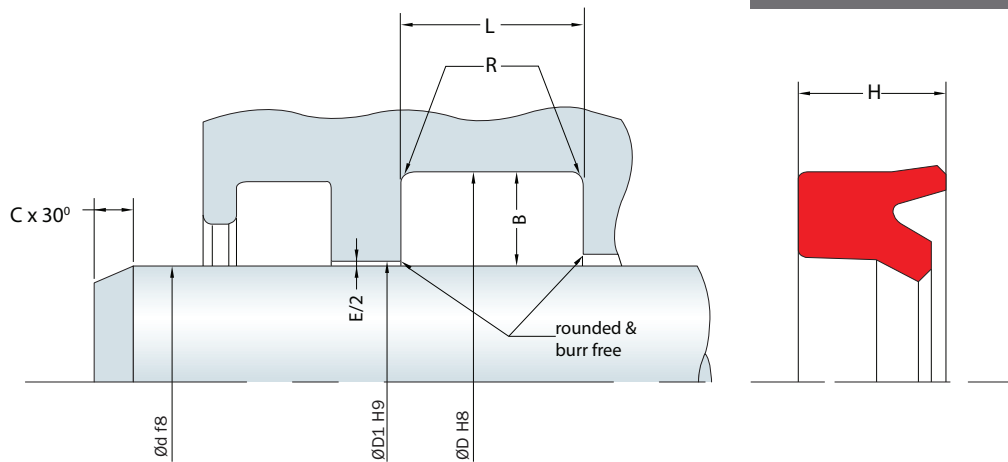
Parts List

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25.00	35.00	5.00	9.00	8.20	4.00	0.20	101.91546
25.00	38.00	6.50	9.50	8.60	4.00	0.20	101.91636
25.00	40.00	7.50	11.00	10.00	5.00	0.20	101.91486
25.40	34.56	4.58	6.50	5.90	2.50	0.20	101.91667
26.00	36.00	5.00	11.00	10.00	4.00	0.20	101.91454
27.00	36.00	4.50	7.50	6.80	2.50	0.20	101.91507
28.00	36.00	4.00	6.30	5.70	2.50	0.20	101.91436
28.00	36.00	4.00	9.00	8.20	2.50	0.20	101.91469
28.00	36.00	4.00	11.00	10.00	2.50	0.20	101.91416
28.00	38.00	5.00	8.00	7.30	4.00	0.20	101.91425
28.00	38.00	5.00	9.00	8.20	4.00	0.20	101.91394
28.00	40.00	6.00	11.00	10.00	4.00	0.20	101.91400
28.00	43.00	7.50	12.50	11.40	5.00	0.20	101.91509
29.00	37.00	4.00	6.30	5.70	2.50	0.20	101.91518
30.00	38.00	4.00	6.30	5.70	2.50	0.20	101.91552
30.00	38.00	4.00	9.00	8.20	2.50	0.20	101.91462
30.00	40.00	5.00	11.00	10.00	4.00	0.20	101.91429
30.00	42.00	6.00	9.60	8.70	4.00	0.20	101.91355
30.00	45.00	7.50	11.00	10.00	5.00	0.20	101.91537
32.00	40.00	4.00	6.30	5.70	2.50	0.20	101.91555
32.00	40.00	4.00	9.00	8.20	2.50	0.20	101.91573
32.00	42.00	5.00	8.00	7.30	4.00	0.20	101.91538
32.00	42.00	5.00	9.00	8.20	4.00	0.20	101.91587
32.00	42.00	5.00	11.00	10.00	4.00	0.20	101.91534
32.00	44.00	6.00	9.00	8.20	4.00	0.20	101.91594
32.00	47.00	7.50	11.00	10.00	5.00	0.20	101.91642
34.00	44.00	5.00	7.00	6.40	4.00	0.20	101.91396
35.00	43.00	4.00	6.30	5.70	2.50	0.20	101.91456
35.00	43.00	4.00	7.50	6.80	2.50	0.20	101.91541
35.00	45.00	5.00	11.00	10.00	4.00	0.20	101.91472



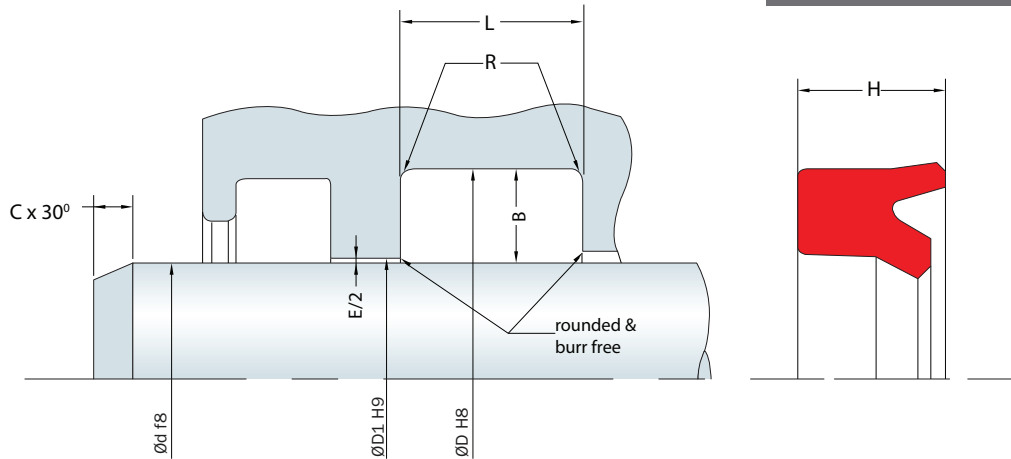
Parts List

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35.00	52.00	8.50	13.00	11.80	5.00	0.20	101.91530
36.00	44.00	4.00	6.30	5.70	2.50	0.20	101.91457
36.00	44.00	4.00	9.00	8.20	2.50	0.20	101.91398
36.00	46.00	5.00	8.00	7.30	4.00	0.20	101.91574
36.00	46.00	5.00	11.00	10.00	4.00	0.20	101.91575
36.00	48.00	6.00	8.00	7.30	4.00	0.20	101.91629
36.00	48.00	6.00	11.00	10.00	4.00	0.20	101.91415
36.00	50.00	7.00	11.00	10.00	4.00	0.20	101.91389
36.00	51.00	7.50	11.00	10.00	5.00	0.20	101.91664
36.00	51.00	7.50	12.50	11.40	5.00	0.20	101.91603
36.00	52.00	8.00	14.30	13.00	5.00	0.20	101.91660
37.00	47.00	5.00	11.00	10.00	4.00	0.20	101.91464
40.00	48.00	4.00	6.30	5.70	2.50	0.20	101.91418
40.00	48.00	4.00	9.00	8.20	2.50	0.20	101.91420
40.00	50.00	5.00	8.00	7.30	4.00	0.20	101.91611
40.00	50.00	5.00	9.00	8.20	4.00	0.20	101.91352
40.00	50.00	5.00	11.00	10.00	4.00	0.20	101.91401
40.00	55.00	7.50	11.00	10.00	5.00	0.20	101.91395
40.00	55.00	7.50	12.50	11.40	5.00	0.20	101.91649
40.00	58.00	9.00	12.50	11.40	5.00	0.20	101.91528
42.00	50.00	4.00	6.30	5.70	2.50	0.20	101.91380
42.00	52.00	5.00	11.00	10.00	4.00	0.20	101.91510
44.00	52.00	4.00	6.30	5.70	2.50	0.20	101.91452
44.50	54.00	4.75	7.10	6.50	2.50	0.20	101.91511
45.00	53.00	4.00	9.00	8.20	2.50	0.20	101.91473
45.00	53.00	4.00	9.00	8.00	2.50	0.20	101.91597
45.00	55.00	5.00	8.00	7.30	4.00	0.20	101.91621
45.00	55.00	5.00	11.00	10.00	4.00	0.20	101.91356
45.00	57.00	6.00	9.60	8.70	4.00	0.20	101.91630
45.00	60.00	7.50	11.00	10.00	5.00	0.20	101.91584
46.00	56.00	5.00	8.00	7.30	4.00	0.20	101.91627



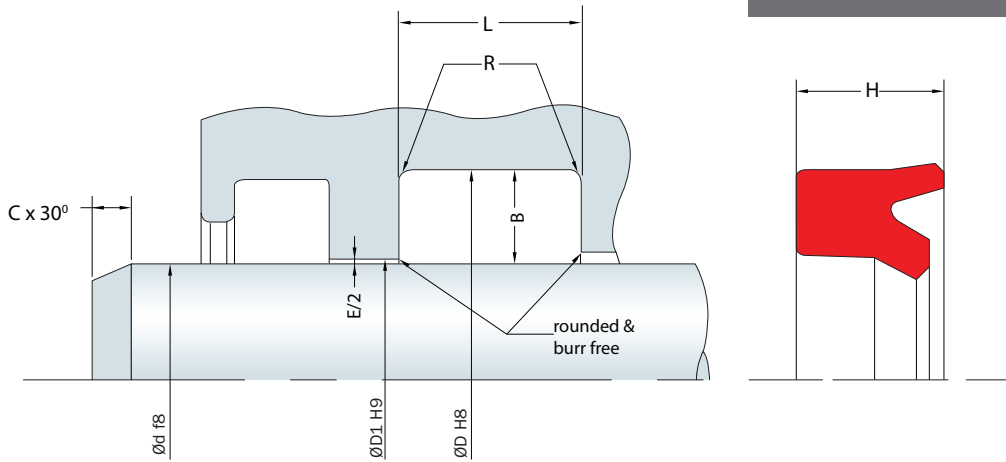
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48.00	56.00	4.00	9.00	8.20	2.50	0.20	101.91657
50.00	58.00	4.00	9.00	8.20	2.50	0.20	101.91617
50.00	58.00	4.00	9.00	8.00	2.50	0.20	101.91358
50.00	60.00	5.00	8.00	7.30	4.00	0.20	101.91367
50.00	60.00	5.00	11.00	10.00	4.00	0.20	101.91547
50.00	62.00	6.00	11.00	10.00	4.00	0.20	101.91407
50.00	65.00	7.50	11.00	10.00	5.00	0.20	101.91654
50.00	65.00	7.50	12.50	11.40	5.00	0.20	101.91605
50.00	70.00	10.00	13.00	11.40	6.50	0.20	101.91579
50.80	60.30	4.75	7.10	6.50	2.50	0.20	101.91647
50.80	66.70	7.95	13.40	12.30	5.00	0.20	101.91485
50.80	69.85	9.53	13.49	11.80	5.00	0.20	101.91498
51.00	61.40	5.20	7.00	6.40	4.00	0.20	101.91593
52.00	62.00	5.00	7.00	6.40	4.00	0.20	101.91602
53.00	63.00	5.00	10.00	9.00	4.00	0.20	101.91397
55.00	63.00	4.00	8.00	7.30	2.50	0.20	101.91499
55.00	63.00	4.00	9.00	8.20	2.50	0.20	101.91601
55.00	63.00	4.00	9.00	8.00	2.50	0.20	101.91641
55.00	65.00	5.00	8.00	7.30	4.00	0.20	101.91363
55.00	65.00	5.00	11.00	10.00	4.00	0.20	101.91553
55.00	65.00	5.00	13.00	11.80	4.00	0.20	101.91424
55.00	67.00	6.00	9.60	8.70	4.00	0.20	101.91435
55.00	67.00	6.00	11.00	10.00	4.00	0.20	101.91514
55.00	70.00	7.50	11.00	10.00	5.00	0.20	101.91423
55.00	70.00	7.50	13.00	11.40	5.00	0.20	101.91668
56.00	66.00	5.00	8.00	7.30	4.00	0.20	101.91431
56.00	66.00	5.00	9.00	8.20	4.00	0.20	101.91468
56.00	66.00	5.00	11.00	10.00	4.00	0.20	101.91501
56.00	68.00	6.00	11.00	10.00	4.00	0.20	101.91489
56.00	71.00	7.50	12.50	11.40	5.00	0.20	101.91422
56.00	71.00	7.50	13.00	11.40	5.00	0.20	101.91413



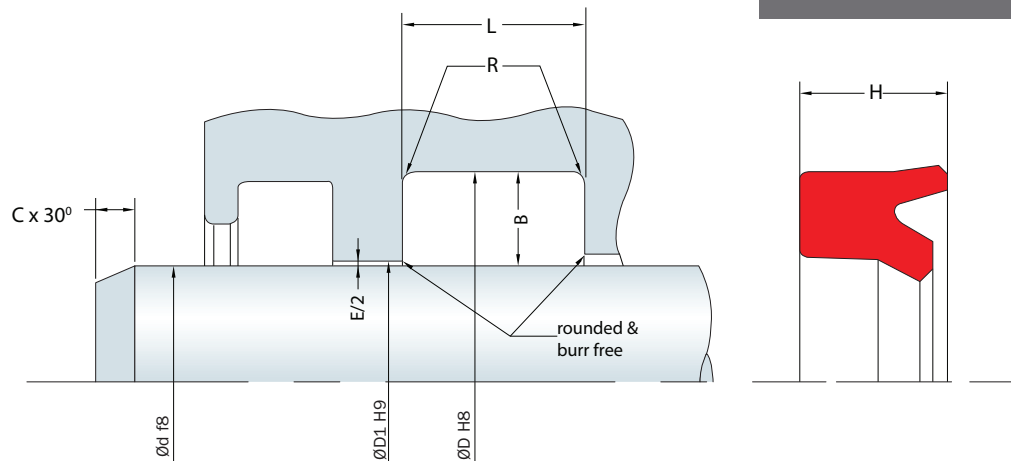
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Ød	ØD	B	L	H	C	R	P50 TPU
60.00	68.00	4.00	9.00	8.20	2.50	0.20	101.91479
60.00	70.00	5.00	8.00	7.30	4.00	0.20	101.91476
60.00	70.00	5.00	11.00	10.00	4.00	0.20	101.91622
60.00	70.00	5.00	13.00	11.80	4.00	0.20	101.91565
60.00	72.00	6.00	11.00	10.00	4.00	0.20	101.91572
60.00	75.00	7.50	11.00	10.40	5.00	0.20	101.91496
60.00	75.00	7.50	12.50	11.40	5.00	0.20	101.91411
60.00	75.00	7.50	13.00	11.40	5.00	0.20	101.91527
60.00	80.00	10.00	18.20	16.60	6.50	0.20	101.91441
63.00	73.00	5.00	13.00	11.80	4.00	0.20	101.91526
63.00	75.00	6.00	9.60	8.70	4.00	0.20	101.91428
63.00	78.00	7.50	11.00	10.00	5.00	0.20	101.91549
63.00	78.00	7.50	12.50	11.40	5.00	0.20	101.91451
63.00	80.00	8.50	14.00	12.70	5.00	0.20	101.91566
63.00	83.00	10.00	16.00	14.60	6.50	0.20	101.91658
65.00	73.00	4.00	9.00	8.20	2.50	0.20	101.91648
65.00	75.00	5.00	8.00	7.30	4.00	0.20	101.91488
65.00	75.00	5.00	13.00	11.80	4.00	0.20	101.91568
65.00	77.00	6.00	9.60	8.70	4.00	0.20	101.91607
65.00	80.00	7.50	11.00	10.00	5.00	0.20	101.91503
65.00	80.00	7.50	13.00	11.40	5.00	0.20	101.91612
65.00	85.00	10.00	13.00	11.40	6.50	0.20	101.91481
70.00	78.00	4.00	9.00	8.20	2.50	0.20	101.91588
70.00	79.60	4.80	8.70	7.90	2.50	0.20	101.91578
70.00	80.00	5.00	13.00	11.80	4.00	0.20	101.91672
70.00	82.00	6.00	9.60	8.70	4.00	0.20	101.91544
70.00	85.00	7.50	11.00	10.00	5.00	0.20	101.91576
70.00	85.00	7.50	12.50	11.40	5.00	0.20	101.91403
70.00	85.00	7.50	13.00	11.40	5.00	0.20	101.91357
70.00	86.00	8.00	15.50	14.00	5.00	0.20	101.91609
70.00	90.00	10.00	13.00	11.40	6.50	0.20	101.91632
70.00	90.00	10.00	16.00	14.60	6.50	0.20	101.91410



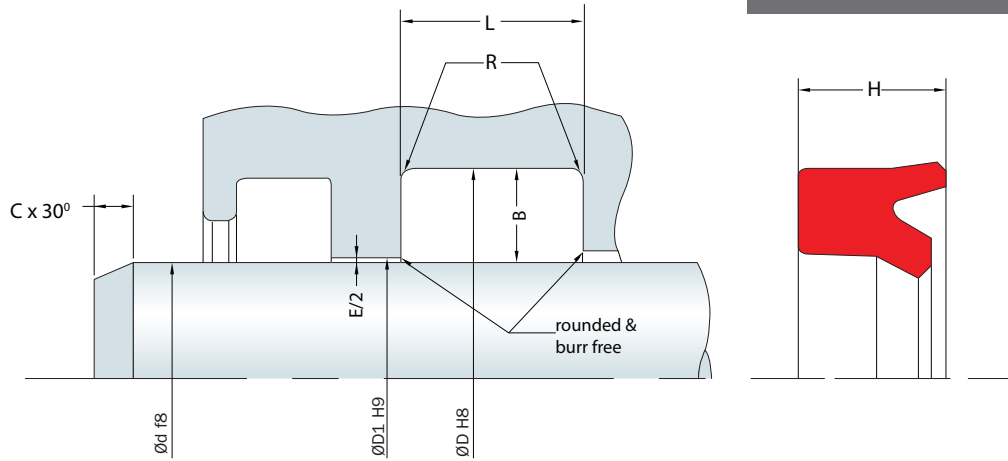
Parts List

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72.00	92.00	10.00	16.00	14.60	6.50	0.20	101.91564
73.00	85.00	6.00	9.60	8.70	4.00	0.20	101.91571
73.00	85.00	6.00	12.50	11.40	4.00	0.20	101.91409
75.00	85.00	5.00	12.50	12.00	4.00	0.20	101.91581
75.00	87.00	6.00	9.60	8.70	4.00	0.20	101.91639
75.00	88.00	6.50	11.00	10.00	4.00	0.20	101.91381
75.00	90.00	7.50	9.90	9.00	5.00	0.20	101.91494
75.00	90.00	7.50	11.00	10.00	5.00	0.20	101.91663
75.00	95.00	10.00	16.00	14.60	6.50	0.20	101.91385
80.00	90.00	5.00	8.00	7.30	4.00	0.20	101.91591
80.00	90.00	5.00	11.00	10.00	4.00	0.20	101.91613
80.00	90.00	5.00	13.00	11.80	4.00	0.20	101.91377
80.00	92.00	6.00	9.60	8.70	4.00	0.20	101.91447
80.00	95.00	7.50	9.90	9.00	5.00	0.20	101.91559
80.00	95.00	7.50	11.00	10.00	5.00	0.20	101.91414
80.00	95.00	7.50	12.50	11.40	5.00	0.20	101.91492
80.00	95.00	7.50	13.00	11.40	5.00	0.20	101.91453
80.00	100.00	10.00	13.00	11.40	6.50	0.20	101.91383
80.00	100.00	10.00	16.00	14.60	6.50	0.20	101.91372
82.60	101.60	9.50	16.66	15.20	5.00	0.20	101.91533
85.00	95.00	5.00	12.50	11.80	4.00	0.20	101.91558
85.00	97.00	6.00	9.60	8.70	4.00	0.20	101.91522
85.00	100.00	7.50	9.90	9.00	5.00	0.20	101.91633
85.00	100.00	7.50	11.00	10.00	5.00	0.20	101.91560
85.00	100.00	7.50	12.50	11.40	5.00	0.20	101.91427
85.00	100.00	7.50	13.00	11.40	5.00	0.20	101.91432
88.00	105.00	8.50	14.00	12.70	5.00	0.20	101.91465
88.90	107.95	9.53	15.87	14.40	5.00	0.20	101.91444
90.00	98.00	4.00	6.30	5.70	2.50	0.20	101.91599
90.00	98.00	4.00	9.00	8.20	2.50	0.20	101.91442
90.00	99.60	4.80	8.40	7.60	2.50	0.20	101.91525



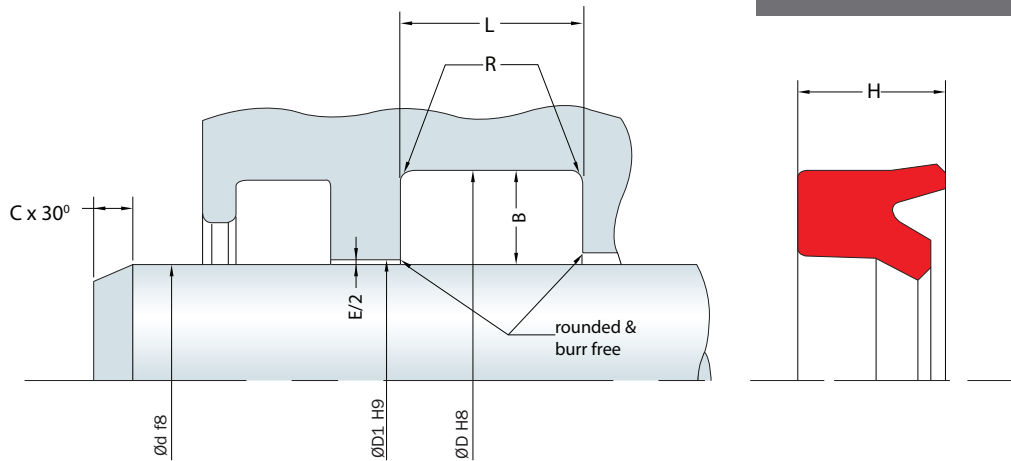
Parts List

Ød	ØD	B	L	H	C	R	P50 TPU
90.00	100.00	5.00	7.50	6.80	4.00	0.20	101.91455
90.00	100.00	5.00	11.00	10.00	4.00	0.20	101.91600
90.00	102.00	6.00	9.60	8.70	4.00	0.20	101.91645
90.00	105.00	7.50	11.00	10.00	5.00	0.20	101.91608
90.00	105.00	7.50	12.50	11.40	5.00	0.20	101.91402
90.00	105.00	7.50	13.00	11.40	5.00	0.20	101.91656
90.00	110.00	10.00	13.00	11.40	6.50	0.20	101.91551
90.00	110.00	10.00	16.00	14.60	6.50	0.20	101.91562
95.00	110.00	7.50	9.90	9.00	5.00	0.20	101.91675
95.00	110.00	7.50	11.00	10.00	5.00	0.20	101.91490
95.00	110.00	7.50	13.00	11.80	5.00	0.20	101.91445
95.00	115.00	10.00	13.00	11.40	6.50	0.20	101.91644
95.00	115.00	10.00	13.20	12.00	6.50	0.20	101.91446
95.30	114.30	9.50	13.50	12.30	5.00	0.20	101.91570
95.30	114.30	9.50	16.70	15.20	5.00	0.20	101.91623
100.00	115.00	7.50	9.90	9.00	5.00	0.20	101.91392
100.00	115.00	7.50	11.00	10.00	5.00	0.20	101.91359
100.00	115.00	7.50	12.00	10.90	5.00	0.20	101.91671
100.00	115.00	7.50	13.00	11.40	5.00	0.20	101.91433
100.00	120.00	10.00	13.00	11.40	6.50	0.20	101.91616
100.00	120.00	10.00	13.20	12.00	6.50	0.20	101.91618
100.00	120.00	10.00	16.00	14.60	6.50	0.20	101.91620
102.00	117.00	7.50	12.00	10.90	5.00	0.20	101.91388
105.00	115.00	5.00	11.00	10.00	4.00	0.20	101.91585
105.00	115.00	5.00	13.00	12.00	4.00	0.20	101.91482
105.00	120.00	7.50	12.50	11.40	5.00	0.20	101.91563
105.00	125.00	10.00	16.00	14.60	6.50	0.20	101.91550
108.00	127.00	9.50	13.50	12.30	5.00	0.20	101.91443
110.00	120.00	5.00	8.50	7.70	4.00	0.20	101.91470
110.00	125.00	7.50	9.90	9.00	5.00	0.20	101.91619
110.00	125.00	7.50	10.60	9.60	5.00	0.20	101.91426
110.00	125.00	7.50	12.00	10.90	5.00	0.20	101.91655



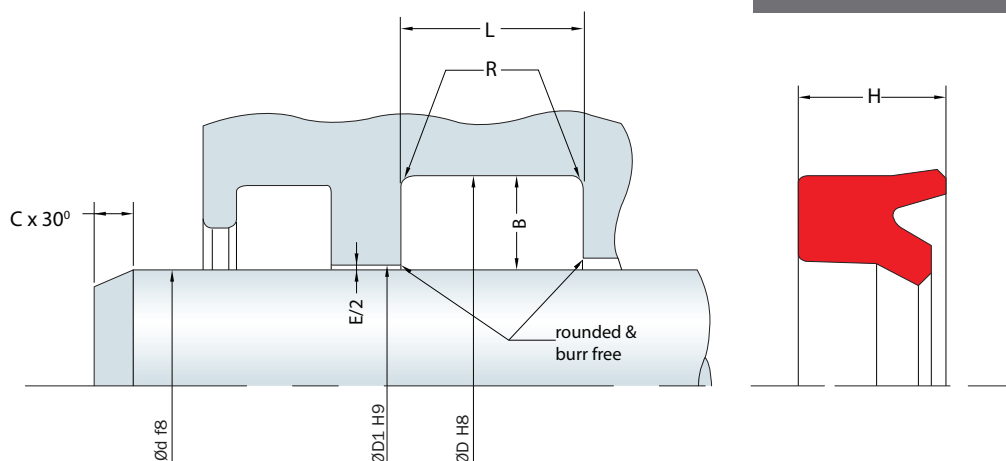
Parts List

Ød	ØD	B	L	H	C	R	P50 TPU
110.00	125.00	7.50	13.00	12.00	5.00	0.20	101.91625
110.00	130.00	10.00	13.00	11.80	6.50	0.20	101.91614
110.00	130.00	10.00	16.00	14.60	6.50	0.20	101.91516
114.30	133.35	9.53	16.66	15.20	5.00	0.20	101.91595
115.00	130.00	7.50	12.00	10.90	5.00	0.20	101.91369
115.00	135.00	10.00	16.00	14.60	6.50	0.20	101.91461
115.00	140.00	12.50	19.00	17.30	6.50	0.20	101.91487
120.00	135.00	7.50	12.00	10.90	5.00	0.20	101.91651
120.00	140.00	10.00	16.00	14.60	6.50	0.20	101.91662
120.00	145.00	12.50	19.00	17.30	6.50	0.20	101.91624
125.00	140.00	7.50	12.00	10.90	5.00	0.20	101.91390
125.00	145.00	10.00	16.00	14.60	6.50	0.20	101.91405
125.00	155.00	15.00	19.00	17.30	7.50	0.20	101.91535
130.00	140.00	5.00	16.00	15.00	4.00	0.20	101.91665
130.00	145.00	7.50	11.00	10.00	5.00	0.20	101.91666
130.00	145.00	7.50	15.00	13.70	5.00	0.20	101.91384
130.00	145.00	7.50	16.00	14.60	5.00	0.20	101.91440
130.00	150.00	10.00	16.00	14.60	6.50	0.20	101.91635
130.00	160.00	15.00	19.00	17.30	7.50	0.20	101.91382
133.40	152.40	9.50	13.50	12.30	5.00	0.20	101.91437
135.00	155.00	10.00	16.00	14.60	6.50	0.20	101.91365
135.00	165.00	15.00	19.00	17.30	7.50	0.20	101.91421
140.00	155.00	7.50	13.00	11.40	5.00	0.20	101.91406
140.00	160.00	10.00	13.00	11.80	6.50	0.20	101.91474
140.00	160.00	10.00	16.00	14.60	6.50	0.20	101.91458
140.00	170.00	15.00	19.00	17.30	7.50	0.20	101.91523
145.00	165.00	10.00	16.00	14.60	6.50	0.20	101.91483
150.00	170.00	10.00	13.00	11.80	6.50	0.20	101.91375
150.00	170.00	10.00	16.00	14.60	6.50	0.20	101.91540
150.00	180.00	15.00	19.00	17.30	7.50	0.20	101.91477
158.80	177.80	9.50	13.50	12.30	5.00	0.20	101.91434
160.00	175.00	7.50	16.00	14.60	5.00	0.20	101.91404



Parts List

Ød	ØD	B	L	H	C	R	P50 TPU
160.00	180.00	10.00	16.00	14.60	6.50	0.20	101.91592
160.00	180.00	10.00	19.00	17.30	6.50	0.20	101.91467
160.00	185.00	12.50	16.00	14.60	6.50	0.20	101.91640
160.00	190.00	15.00	19.00	17.30	7.50	0.20	101.91495
165.00	180.00	7.50	16.00	14.60	5.00	0.20	101.91354
170.00	190.00	10.00	16.00	14.60	6.50	0.20	101.91548
180.00	200.00	10.00	13.00	11.80	6.50	0.20	101.91606
180.00	200.00	10.00	16.00	14.60	6.50	0.20	101.91586
180.00	205.00	12.50	16.00	14.60	6.50	0.20	101.91545
180.00	205.00	12.50	20.00	18.20	6.50	0.20	101.91646
180.00	210.00	15.00	19.00	17.30	7.50	0.20	101.91419
180.00	210.00	15.00	25.00	22.80	7.50	0.20	101.91393
185.00	200.00	7.50	12.50	11.40	5.00	0.20	101.91569
190.00	210.00	10.00	15.00	13.70	6.50	0.20	101.91524
190.00	210.00	10.00	16.00	14.60	6.50	0.20	101.91669
190.00	215.00	12.50	18.80	17.10	6.50	0.20	101.91643
200.00	215.00	7.50	12.50	11.40	5.00	0.20	101.91497
200.00	220.00	10.00	16.00	14.60	6.50	0.20	101.91378
200.00	225.00	12.50	16.00	14.60	6.50	0.20	101.91615
200.00	225.00	12.50	20.00	18.20	6.50	0.20	101.91484
205.00	235.00	15.00	24.00	21.80	7.50	0.20	101.91361
210.00	230.00	10.00	16.00	14.60	6.50	0.20	101.91519
215.00	235.00	10.00	16.00	14.60	6.50	0.20	101.91362
215.00	235.00	10.00	16.00	14.60	6.50	0.20	101.91491
215.00	240.00	12.50	20.00	18.20	6.50	0.20	101.91577
215.00	245.00	15.00	23.00	20.90	7.50	0.20	101.91673
220.00	240.00	10.00	16.00	14.60	6.50	0.20	101.91670
220.00	250.00	15.00	19.00	17.30	7.50	0.20	101.91508
220.00	250.00	15.00	20.00	18.20	7.50	0.20	101.91628
220.00	250.00	15.00	24.00	21.80	7.50	0.20	101.91500
220.00	250.00	15.00	25.00	22.80	7.50	0.20	101.91374
225.00	245.00	10.00	16.00	14.60	6.50	0.20	101.91448



Parts List

Ød	ØD	B	L	H	C	R	P50 TPU
230.00	250.00	10.00	16.00	14.60	6.50	0.20	101.91580
235.00	255.00	10.00	16.00	14.60	6.50	0.20	101.91366
240.00	260.00	10.00	16.00	14.60	6.50	0.20	101.91438
240.00	270.00	15.00	19.00	17.30	7.50	0.20	101.91386
240.00	270.00	15.00	19.80	18.00	7.50	0.20	101.91650
245.00	267.00	11.00	15.50	14.10	6.50	0.20	101.91561
250.00	270.00	10.00	16.00	14.60	6.50	0.20	101.91598
250.00	280.00	15.00	19.00	17.30	7.50	0.20	101.91567
250.00	280.00	15.00	23.00	20.90	7.50	0.20	101.91610
254.00	274.60	10.30	16.00	14.60	6.50	0.20	101.91554
260.00	280.00	10.00	16.00	14.60	6.50	0.20	101.91439
270.00	290.00	10.00	16.00	14.60	6.50	0.20	101.91459
270.00	300.00	15.00	19.00	17.30	7.50	0.20	101.91506
270.00	300.00	15.00	24.00	22.50	7.50	0.20	101.91520
275.00	305.00	15.00	19.00	17.30	7.50	0.20	101.91653
280.00	300.00	10.00	16.50	15.00	6.50	0.20	101.91521
280.00	310.00	15.00	19.00	17.30	7.50	0.20	101.91626
290.00	320.00	15.00	19.00	17.30	7.50	0.20	101.91590
300.00	330.00	15.00	19.00	17.30	7.50	0.20	101.91504
300.00	330.00	15.00	23.60	21.50	7.50	0.20	101.91373
300.00	330.00	15.00	24.00	21.80	7.50	0.20	101.91532
304.80	330.20	12.70	19.80	18.10	7.50	0.20	101.91353
306.00	331.00	12.50	22.00	20.00	6.50	0.20	101.91604
310.00	340.00	15.00	19.00	17.30	7.50	0.20	101.91529
320.00	350.00	15.00	19.00	17.30	7.50	0.20	101.91542