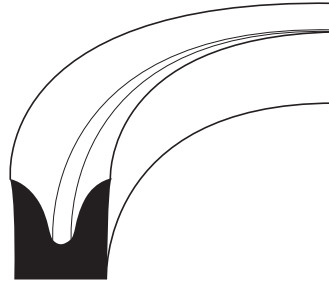


Piston & Rod Seals

EVUM

(Metric Size)

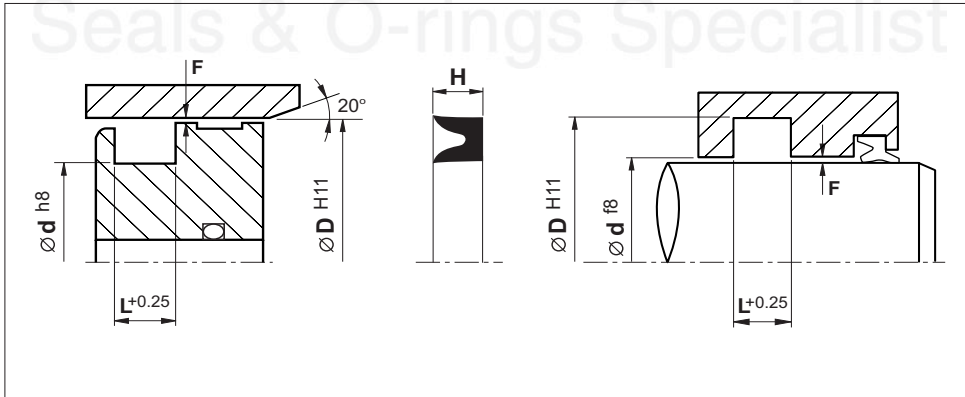


EVUM

Material	Pressure (Bar)	Temp. (°c)	Speed (m/s)
NBR	120	-30 +110	0.25

- Good for low pressure.
- Simple groove design.
- Excellent wear resistance.

Installation Recommendation



Surface roughness	Ra	Rt	Extrusion Gap	
Sliding surface	$\leq 0.3 \mu\text{m}$	$\leq 4 \mu\text{m}$	Pressure	F
Surface of housing	$\leq 1.8 \mu\text{m}$	$\leq 10 \mu\text{m}$	20 Bar	0.9
Sides of housing	$\leq 3.0 \mu\text{m}$	$\leq 16 \mu\text{m}$	40 Bar	0.7
			80 Bar	0.5
			120 Bar	0.2

Rubber U-Cup - EVUM

(Metric Size)

Rod/Groove Dia.	Bore/Groove Dia.	Seal Height	Groove Width	Reference (For order processing)
d	D	H	L	
5.0	12.0	5.0	6.5	UC 005-012-05 EVUM
6.0	17.0	6.0	7.5	UC 006-017-06 EVUM
6.0	18.0	8.0	9.5	UC 006-018-08 EVUM
6.0	20.0	8.0	9.5	UC 006-020-08 EVUM
8.0	25.0	6.0	7.5	UC 008-025-06 EVUM
8.0	15.0	6.0	7.5	UC 008-015-06 EVUM
8.0	16.0	6.0	7.5	UC 008-016-06 EVUM
10.0	26.0	8.0	9.5	UC 010-026-08 EVUM
10.0	25.0	10.0	11.5	UC 010-025-10 EVUM
10.0	30.0	10.0	11.5	UC 010-030-10 EVUM
10.0	20.0	8.0	9.5	UC 010-020-08 EVUM
10.0	22.0	6.0	7.5	UC 010-022-06 EVUM
12.0	24.0	6.0	7.5	UC 012-024-06 EVUM
12.0	28.0	10.0	11.5	UC 012-028-10 EVUM
12.0	35.0	12.0	13.5	UC 012-035-12 EVUM
13.0	30.0	10.0	11.5	UC 013-030-10 EVUM
14.0	28.0	10.0	11.5	UC 014-028-10 EVUM
14.0	32.0	10.0	11.5	UC 014-032-10 EVUM
15.0	30.0	8.0	9.5	UC 015-030-08 EVUM
15.0	30.0	10.0	11.5	UC 015-030-10 EVUM
15.0	35.0	10.0	11.5	UC 015-035-10 EVUM
16.0	32.0	8.0	9.5	UC 016-032-08 EVUM
16.0	36.0	10.0	11.5	UC 016-036-10 EVUM
18.0	34.0	8.0	9.5	UC 018-034-08 EVUM
18.0	30.0	10.0	11.5	UC 018-030-10 EVUM
18.0	38.0	10.0	11.5	UC 018-038-10 EVUM
18.0	40.0	10.0	11.5	UC 018-040-10 EVUM
20.0	36.0	8.0	9.5	UC 020-036-08 EVUM
20.0	35.0	10.0	11.5	UC 020-035-10 EVUM
20.0	40.0	10.0	11.5	UC 020-040-10 EVUM
20.0	43.0	12.0	13.5	UC 020-043-12 EVUM
22.0	34.0	10.0	11.5	UC 022-034-10 EVUM
22.0	38.0	10.0	11.5	UC 022-038-10 EVUM
22.0	42.0	10.0	11.5	UC 022-042-10 EVUM
25.0	42.0	8.0	9.5	UC 025-042-08 EVUM
25.0	40.0	10.0	11.5	UC 025-040-10 EVUM
25.0	45.0	10.0	11.5	UC 025-045-10 EVUM
25.0	50.0	12.0	13.5	UC 025-050-12 EVUM
26.0	46.0	10.0	11.5	UC 026-046-10 EVUM
28.0	48.0	10.0	11.5	UC 028-048-10 EVUM

Rubber U-Cup - EVUM

(Metric Size)

Rod/Groove Dia.	Bore/Groove Dia.	Seal Height	Groove Width	Reference (For order processing)
d	D	H	L	
30.0	45.0	10.0	11.5	UC 030-045-10 EVUM
30.0	50.0	10.0	11.5	UC 030-050-10 EVUM
30.0	60.0	15.0	16.5	UC 030-060-15 EVUM
32.0	45.0	10.0	11.5	UC 032-045-10 EVUM
32.0	52.0	10.0	11.5	UC 032-052-10 EVUM
35.0	50.0	10.0	11.5	UC 035-050-10 EVUM
35.0	55.0	10.0	11.5	UC 035-055-10 EVUM
35.0	60.0	12.0	13.5	UC 035-060-12 EVUM
38.0	58.0	10.0	11.5	UC 038-058-10 EVUM
40.0	56.0	10.0	11.5	UC 040-056-10 EVUM
40.0	60.0	10.0	11.5	UC 040-060-10 EVUM
40.0	65.0	12.0	13.5	UC 040-065-12 EVUM
45.0	65.0	10.0	11.5	UC 045-065-10 EVUM
46.0	70.0	12.0	13.5	UC 046-070-12 EVUM
48.0	68.0	10.0	11.5	UC 048-068-10 EVUM
50.0	70.0	10.0	11.5	UC 050-070-10 EVUM
55.0	75.0	10.0	11.5	UC 055-075-10 EVUM
55.0	80.0	12.0	13.5	UC 055-080-12 EVUM
55.0	85.0	15.0	16.5	UC 055-085-15 EVUM
60.0	80.0	10.0	11.5	UC 060-080-10 EVUM
60.0	90.0	15.0	16.5	UC 060-090-15 EVUM
65.0	85.0	10.0	11.5	UC 065-085-10 EVUM
65.0	90.0	12.0	13.5	UC 065-090-12 EVUM
65.0	95.0	12.0	13.5	UC 065-095-12 EVUM
70.0	90.0	10.0	11.5	UC 070-090-10 EVUM
75.0	95.0	10.0	11.5	UC 075-095-10 EVUM
75.0	100.0	15.0	16.5	UC 075-100-15 EVUM
75.0	105.0	15.0	16.5	UC 075-105-15 EVUM
80.0	100.0	10.0	11.5	UC 080-100-10 EVUM
80.0	105.0	12.0	13.5	UC 080-105-12 EVUM
80.0	110.0	15.0	16.5	UC 080-110-15 EVUM
85.0	105.0	10.0	11.5	UC 085-105-10 EVUM
85.0	110.0	12.0	13.5	UC 085-110-12 EVUM
85.0	115.0	15.0	16.5	UC 085-115-15 EVUM
90.0	110.0	10.0	11.5	UC 090-110-10 EVUM
90.0	120.0	15.0	16.5	UC 090-120-15 EVUM
95.0	115.0	10.0	11.5	UC 095-115-10 EVUM
95.0	125.0	15.0	16.5	UC 095-125-15 EVUM
100.0	120.0	10.0	11.5	UC 100-120-10 EVUM
100.0	125.0	12.0	13.5	UC 100-125-12 EVUM

Rubber U-Cup - EVUM



(Metric Size)

Rod/Groove Dia.	Bore/Groove Dia.	Seal Height	Groove Width	Reference (For order processing)
d	D	H	L	
100.0	130.0	15.0	16.5	UC 100-130-15 EVUM
110.0	135.0	12.0	13.5	UC 110-135-12 EVUM
110.0	140.0	15.0	16.5	UC 110-140-15 EVUM
115.0	145.0	12.0	13.5	UC 115-145-12 EVUM
120.0	140.0	10.0	11.5	UC 120-140-10 EVUM
120.0	150.0	15.0	16.5	UC 120-150-15 EVUM
125.0	155.0	15.0	16.5	UC 125-155-15 EVUM
125.0	150.0	18.0	19.5	UC 125-150-18 EVUM
130.0	160.0	15.0	16.5	UC 130-160-15 EVUM
135.0	160.0	18.0	19.5	UC 135-160-18 EVUM
140.0	170.0	15.0	16.5	UC 140-170-15 EVUM
140.0	165.0	18.0	19.5	UC 140-165-18 EVUM
145.0	175.0	15.0	16.5	UC 145-175-15 EVUM
150.0	180.0	15.0	16.5	UC 150-180-15 EVUM
160.0	190.0	15.0	16.5	UC 160-190-15 EVUM
160.0	200.0	20.0	21.5	UC 160-200-20 EVUM
170.0	200.0	15.0	16.5	UC 170-200-15 EVUM
170.0	210.0	20.0	21.5	UC 170-210-20 EVUM
180.0	210.0	22.0	23.5	UC 180-210-22 EVUM
180.0	220.0	22.0	21.5	UC 180-220-22 EVUM
190.0	220.0	15.0	16.5	UC 190-220-15 EVUM
195.0	225.0	15.0	16.5	UC 195-225-15 EVUM
200.0	230.0	15.0	16.5	UC 200-230-15 EVUM
200.0	240.0	20.0	21.5	UC 200-240-20 EVUM
210.0	250.0	20.0	21.5	UC 210-250-20 EVUM
220.0	260.0	20.0	21.5	UC 220-260-20 EVUM
230.0	270.0	20.0	21.5	UC 230-270-20 EVUM
240.0	280.0	20.0	21.5	UC 240-280-20 EVUM
250.0	290.0	20.0	21.5	UC 250-290-20 EVUM
260.0	300.0	20.0	21.5	UC 260-300-20 EVUM
280.0	320.0	20.0	21.5	UC 280-320-20 EVUM
300.0	340.0	20.0	21.5	UC 300-340-20 EVUM
310.0	350.0	20.0	21.5	UC 310-350-20 EVUM
320.0	360.0	20.0	21.5	UC 320-360-20 EVUM
320.0	350.0	22.0	23.5	UC 320-350-22 EVUM
340.0	380.0	20.0	21.5	UC 340-380-20 EVUM
350.0	400.0	25.0	26.5	UC 350-400-25 EVUM
400.0	450.0	25.0	26.5	UC 400-450-25 EVUM
450.0	500.0	25.0	26.5	UC 450-500-25 EVUM