

## Rod Seals

EVDI

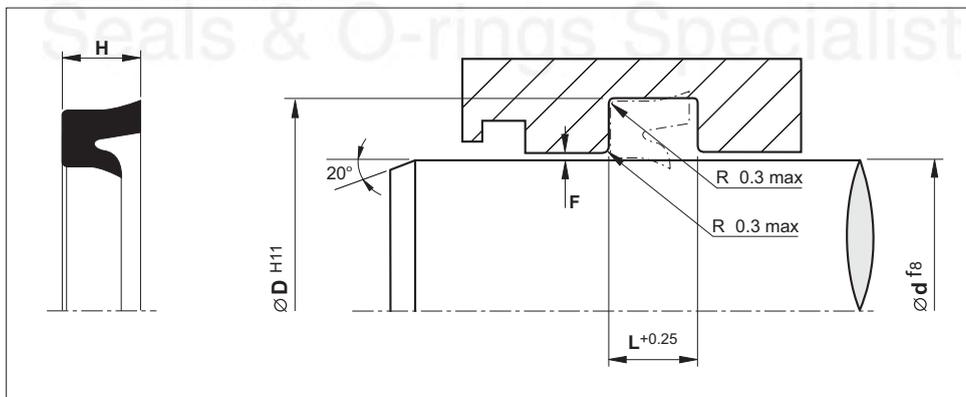
(Imperial Size)



Material	Pressure (Bar)	Temp. (°C)	Speed (m/s)
NBR	120	-30 +100	0.25

- Extremely low friction.
- Easy installation.
- Exclusively for rod.
- Long service life.

### Installation Recommendation



Surface roughness	Ra	Rt	CLEARANCE	
			Pressure : Bar	F max
Sliding surface	$\leq 0.3\ \mu\text{m}$	$\leq 4\ \mu\text{m}$	25	1.0
Surface of housing	$\leq 1.8\ \mu\text{m}$	$\leq 10\ \mu\text{m}$	50	0.8
Sides of housing	$\leq 3.0\ \mu\text{m}$	$\leq 16\ \mu\text{m}$	100	0.6

# Rod Seals - EVDI



(Imperial Size)

Rod Dia.	Groove Dia.	Seal Hight	Groove Width	Reference (For order processing)
d	D	H	L	
3.17	8.75	3.96	5.5	UC 003.17-008.75-03.96 EVDI
4.76	11.11	3.96	5.5	UC 004.76-011.11-03.96 EVDI
6.35	12.70	3.96	5.5	UC 006.35-012.7-03.96 EVDI
7.93	14.28	3.96	5.5	UC 007.93-014.28-03.96 EVDI
9.52	16.50	3.96	5.5	UC 009.52-016.5-03.96 EVDI
11.11	19.05	3.96	5.5	UC 011.11-019.05-03.96 EVDI
12.70	21.00	5.10	7.0	UC 012.7-021-05.1 EVDI
14.28	20.63	4.76	6.0	UC 014.28-020.63-04.76 EVDI
15.87	22.22	4.76	6.0	UC 015.87-022.22-04.76 EVDI
17.46	23.81	4.60	6.0	UC 017.46-023.81-04.6 EVDI
19.08	25.40	4.76	6.0	UC 019.08-025.4-04.76 EVDI
20.63	28.58	4.76	6.0	UC 020.63-028.58-04.76 EVDI
22.22	31.75	4.76	6.0	UC 022.22-031.75-04.76 EVDI
23.81	36.51	6.35	8.0	UC 023.81-036.51-06.35 EVDI
25.40	38.10	6.35	8.0	UC 025.4-038.1-06.35 EVDI
26.99	36.51	6.35	8.0	UC 026.99-036.51-06.35 EVDI
28.58	41.28	7.93	9.5	UC 028.58-041.28-07.93 EVDI
30.16	38.10	6.35	8.0	UC 030.16-038.1-06.35 EVDI
31.75	44.45	6.35	8.0	UC 031.75-044.45-06.35 EVDI
33.34	40.63	4.60	6.0	UC 033.34-040.63-04.6 EVDI
34.93	50.80	7.93	9.5	UC 034.93-050.8-07.93 EVDI
36.51	50.80	7.93	9.5	UC 036.51-050.8-07.93 EVDI
38.10	50.80	9.52	11.0	UC 038.1-050.8-09.52 EVDI
39.69	55.96	9.52	11.0	UC 039.69-055.96-09.52 EVDI
41.28	50.80	5.55	7.0	UC 041.28-050.8-05.55 EVDI
42.86	53.98	9.52	11.0	UC 042.86-053.98-09.52 EVDI
44.45	57.15	7.93	9.5	UC 044.45-057.15-07.93 EVDI
46.04	60.33	9.52	11.0	UC 046.04-060.33-09.52 EVDI
47.63	63.50	9.52	11.0	UC 047.63-063.5-09.52 EVDI
49.21	66.68	9.52	11.0	UC 049.21-066.68-09.52 EVDI
50.80	73.03	11.11	12.5	UC 050.80-073.03-11.11 EVDI
53.98	69.85	9.52	11.0	UC 053.98-069.85-09.52 EVDI
57.15	69.85	7.93	9.5	UC 057.15-069.85-07.93 EVDI
60.33	76.20	7.93	9.5	UC 060.33-076.2-07.93 EVDI
63.50	76.20	7.93	9.5	UC 063.5-076.2-07.93 EVDI
66.68	79.38	9.52	11.0	UC 066.68-079.38-09.52 EVDI
69.85	90.90	9.52	11.0	UC 069.85-090.9-09.52 EVDI
73.03	82.55	9.52	11.0	UC 073.03-082.55-09.52 EVDI
76.20	88.90	9.52	11.0	UC 076.2-088.9-09.52 EVDI
79.38	98.43	9.52	11.0	UC 079.38-098.43-09.52 EVDI

(Imperial Size)

Rod Dia.	Groove Dia.	Seal Hight	Groove Width	Reference (For order processing)
d	D	H	L	
82.55	95.25	7.93	9.5	UC 082.55-095.25-07.93 EVDI
85.73	98.43	9.52	11.0	UC 085.73-098.43-09.52 EVDI
88.90	101.60	9.52	11.0	UC 088.9-101.6-09.52 EVDI
92.08	106.40	7.93	9.5	UC 092.08-106.4-07.93 EVDI
95.25	111.10	9.52	11.0	UC 095.25-111.1-09.52 EVDI
98.43	107.95	9.52	11.0	UC 098.43-107.95-09.52 EVDI
101.60	111.10	5.75	7.0	UC 101.6-111.1-05.75 EVDI
107.95	127.00	9.52	11.0	UC 107.95-127-09.52 EVDI
114.30	146.05	12.70	14.0	UC 114.3-146.05-12.7 EVDI
120.65	136.50	7.14	8.5	UC 120.65-136.5-07.14 EVDI
127.00	146.05	12.70	14.0	UC 127-146.05-12.7 EVDI
133.35	152.40	12.70	14.0	UC 133.35-152.4-12.7 EVDI
139.70	157.52	7.14	8.5	UC 139.7-157.52-07.14 EVDI
146.05	165.10	12.70	14.0	UC 146.05-165.1-12.7 EVDI
152.40	171.45	9.52	11.0	UC 152.4-171.45-09.52 EVDI
158.80	177.80	12.70	14.0	UC 158.8-177.8-12.7 EVDI
165.10	184.15	12.70	14.0	UC 165.1-184.15-12.7 EVDI
171.45	190.50	12.70	14.0	UC 171.45-190.5-12.7 EVDI
177.80	190.50	7.14	8.5	UC 177.8-190.5-07.14 EVDI
184.15	203.20	9.52	11.0	UC 184.15-203.2-09.52 EVDI
190.50	209.55	12.70	14.0	UC 190.5-209.55-12.7 EVDI
196.90	215.90	12.70	14.0	UC 196.9-215.9-12.7 EVDI
203.20	222.30	12.70	14.0	UC 203.2-222.3-12.7 EVDI
209.55	228.60	12.70	14.0	UC 209.55-228.6-12.7 EVDI
215.90	235.00	12.70	14.0	UC 215.9-235-12.7 EVDI
222.30	241.30	9.52	11.0	UC 222.3-241.3-09.52 EVDI
228.60	247.70	12.70	14.0	UC 228.6-247.7-12.7 EVDI