

Outside mounted universal seal
Short mounting length
Counterpressure possible
Massive, brazed or shrinked seal rings

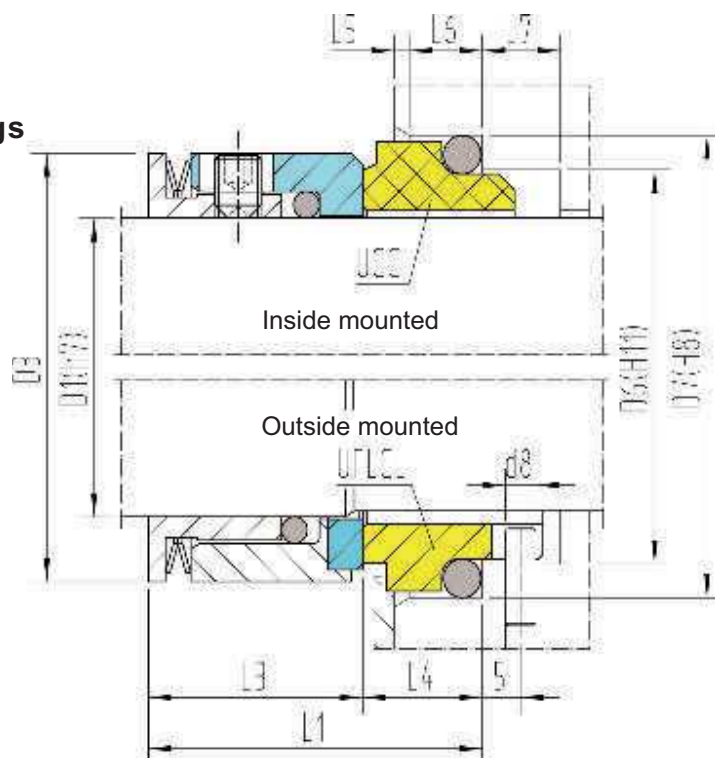


Materials:

Rotary: E, F, G, Q, U

Stationary: A, B, Q, U

Rubber parts: P, E, V, K, M



Operating limits:

(look at working conditions page 112)

7K	
p ≤	12 bar (16bar)
t =	-35 ÷ 140°C (180°C)
v ≤	15 m/s
Axial movement	+0,5mm

EN 12756 (DIN 24960)

UCC UFLCL

D1	D6	D7	D3	L1	L3	L4	L6	L5	D8	L7
10	17	21	21	25	18	7	4	1.5	3	8.5
12	19	23	23	25	18	7	4	1.5	3	8.5
14	21	25	25	25	18	7	4	1.5	3	8.5
16	23	27	26	26.1	19.1	7	4	1.5	3	8.5
18	27	33	29	29.1	19.1	10	5	2	3	9
20	29	35	32	29.1	19.1	10	5	2	3	9
22	31	37	35	29.1	19.1	10	5	2	3	9
24	33	39	37	29.1	19.1	10	5	2	3	9
25	34	40	37	29.1	19.1	10	5	2	3	9
28	37	43	41	29.1	19.1	10	5	2	3	9
30	39	45	43	29.1	19.1	10	5	2	3	9
32	42	48	47	29.1	19.1	10	5	2	3	9
33	42	48	48	29.1	19.1	10	5	2	3	9
35	44	50	49	29.1	19.1	10	5	2	3	9
38	49	56	53	34.1	21.1	13	6	2	4	9
40	51	58	55	34.1	21.1	13	6	2	4	9
43	54	61	60	34.1	21.1	13	6	2	4	9
45	56	63	60	34.1	21.1	13	6	2	4	9
48	59	66	65	34.1	21.1	13	6	2	4	9
50	62	70	65	35.1	21.1	14	6	2.5	4	9
53	65	73	74	36.1	22.1	14	6	2.5	4	9
55	67	75	74	36.1	22.1	14	6	2.5	4	9
58	70	78	79	39.8	25.8	14	6	2.5	4	9
60	72	80	79	39.8	25.8	14	6	2.5	4	9
63	75	83	87	39.8	25.8	14	6	2.5	4	9
65	77	85	87	39.8	25.8	14	6	2.5	4	9
68	81	90	93	41.8	25.8	16	7	2.5	4	9
70	83	92	93	41.8	25.8	16	7	2.5	4	9
75	88	97	98	41.8	25.8	16	7	2.5	4	9
80	95	105	104	43.8	25.8	18	7	3	4	9
85	100	110	108	43.8	25.8	18	7	3	4	9
90	105	115	113	43.8	25.8	18	7	3	4	9
95	110	120	118	43.8	25.8	18	7	3	4	9
100	115	125	123	43.8	25.8	18	7	3	4	9

Outside mounted universal seal
Short mounting length
Counterpressure possible
Massive, brazed or shrinked seal ring

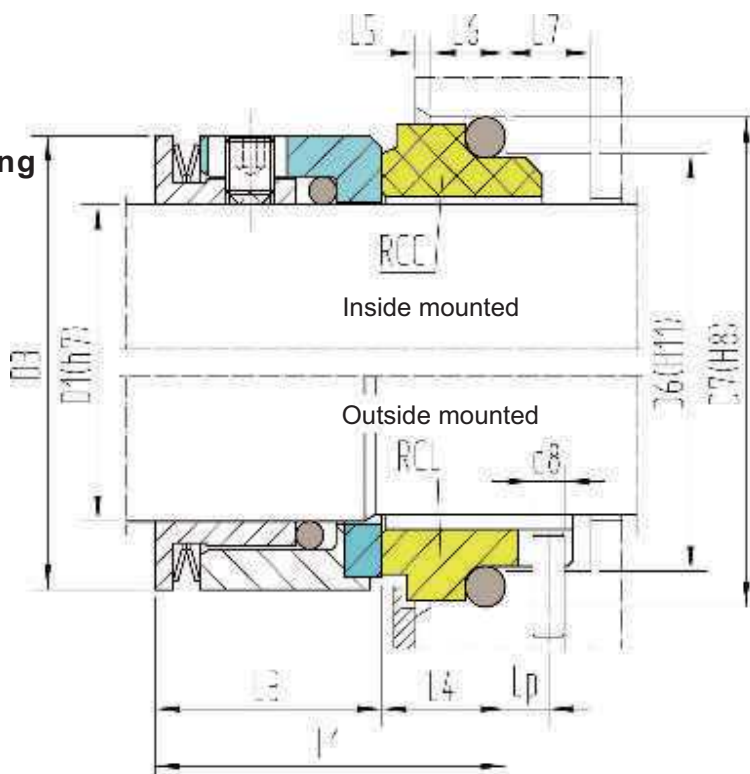


Materials:

Rotary: E, F, G, Q, U

Stationary: A, B, Q, U

Rubber parts: P, E, V, K, M



Operating limits:

(look at working conditions page 112)

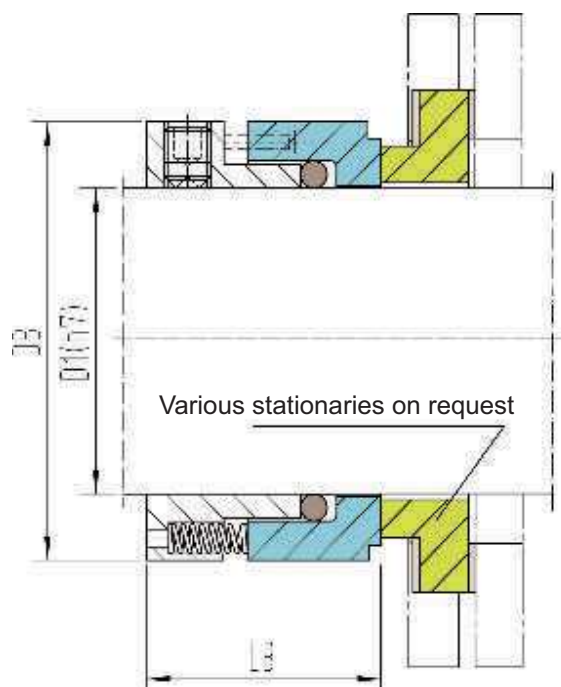
7KR	
p ≤	12 bar (16bar)
t =	-35 ÷ 140°C (180°C)
v ≤	15 m/s
Axial movement	+0,5mm

Special fitting dimensions

RCC RCL

D1	D6	D7	D3	L1	L3	L4	L6	L5	D8	L7	Lp
10	14	18.1	21	23.5	18	5.5	2.8	1.2	2	6.2	3.5
11÷12	16.5	20.6	23	23.5	18	5.5	2.8	1.2	2	6.2	3.5
13	19	23.1	25	24	18	6	2.8	1.2	2	6.7	4
14	19	23.1	25	24	18	6	2.8	1.2	2	6.7	4
15	21	26.9	26	26.1	19.1	7	3.7	1.3	2.5	7.6	4
16÷17	21	26.9	29	26.1	19.1	7	3.7	1.3	2.5	7.6	4
18	25	30.9	29	27.1	19.1	8	3.7	1.3	3	8.5	4.5
19	25	30.9	32	27.1	19.1	8	3.7	1.3	3	8.5	4.5
20	25	30.9	32	27.1	19.1	8	3.7	1.3	3	8.5	4.5
21÷22	30	35.4	35	27.1	19.1	8	3.7	1.8	3.5	8.5	5
23	30	35.4	37	27.1	19.1	8	3.7	1.8	3.5	8.5	5
24	30	35.4	37	27.1	19.1	8	3.7	1.8	3.5	8.5	5
25÷27	33	38.2	41	27.6	19.1	8.5	3.7	1.8	4	9.1	5
28	38	43.3	41	28.1	19.1	9	3.7	1.8	4	9.6	6
29÷32	38	43.3	47	28.1	19.1	9	3.7	1.8	4	9.6	6
33	45	53.5	48	30.6	19.1	11.5	5.4	2.1	5	12	7.5
35	45	53.5	49	30.6	19.1	11.5	5.4	2.1	5	12	7.5
38	52	60.5	53	32.6	21.1	11.5	5.4	2.1	5	12	7.5
40	52	60.5	55	32.6	21.1	11.5	5.4	2.1	5	12	7.5
43	52	60.5	60	32.6	21.1	11.5	5.4	2.1	5	12	7.5
44	57	65.5	60	32.6	21.1	11.5	5.4	2.1	5	13	8.5
45	57	65.5	60	32.6	21.1	11.5	5.4	2.1	5	13	8.5
48	57	65.5	65	32.6	21.1	11.5	5.4	2.1	5	13	8.5
50	64	72.5	65	32.6	21.1	11.5	5.4	2.1	5	13	8.5
55	64	72.5	74	33.6	22.1	11.5	5.4	2.1	5	13	8.5
60	72	79.3	79	37.3	25.8	11.5	5.4	2.1	5	13.5	8.5
65	77	84.5	87	37.3	25.8	11.5	5.4	2.1	5	13.5	8.5
70	82	89.5	93	37.3	25.8	11.5	5.4	2.1	5	13.5	8.5
75	87	94.5	98	37.3	25.8	11.5	5.4	2.1	5	13.5	8.5
80	92	99.5	104	37.3	25.8	11.5	5.4	2.1	5	13.5	8.5
85	98	105.5	108	39.3	25.8	13.5	5.4	2.6	5	13.5	8.5
90	105	111.5	113	39.3	25.8	13.5	5.4	2.6	5	13.5	8.5
95	110	116.5	118	39.3	25.8	13.5	5.4	2.6	5	13.5	8.5
100	114	119.5	123	39.3	25.8	13.5	5.4	2.6	5	13.5	8.5

Outside mounted seal
Counterpressure possible
Massive seal rings



Operating limits:
 (look at working conditions page 112)

7K1	
p ≤	12 bar
t =	-35 ÷ 140°C (180°C)
v ≤	15 m/s
Axial movement	± 0,2mm

Materials:

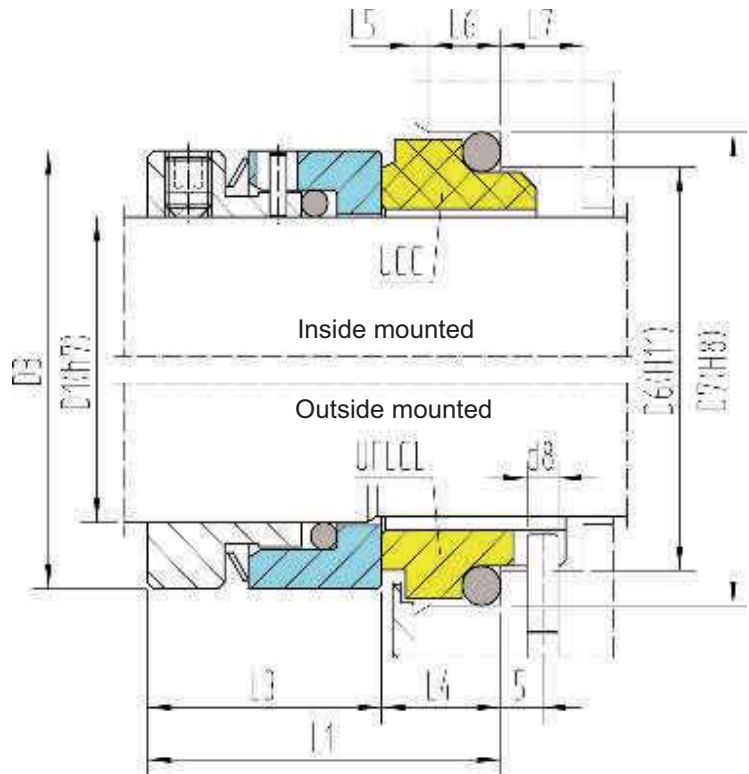
Rotary: A, B, Q, U

Stationary: on demand

Rubber parts: P, E, V, K, M

D1	D3	L3
20	40	22
22	42	22
24	44	22
25	47	24
28	50	24
30	52	24
32	54	24
33	55	24
35	57	24
38	65	29
40	67	29
42	69	29
43	70	29
45	72	29
48	75	29
50	77	29
53	80	29
55	82	29
58	85	29
60	87	29
63	90	29
65	92	29
68	95	29
70	97	29
75	102	29
80	112.5	31
85	117.5	31
90	122.5	31
95	127.5	31
100	132.5	31
105	137.5	31
110	142.5	31
115	156	55
120	161	55
125	166	55
130	171	55
140	181	55
150	191	55

Outside mounted universal seal
Short mounting length
Counterpressure possible
Massive seal rings



Materials:

Rotary: E, F, G, Q, U

Stationary: A, B, Q, U

Rubber parts: P, E, V, K, M

Operating limits:

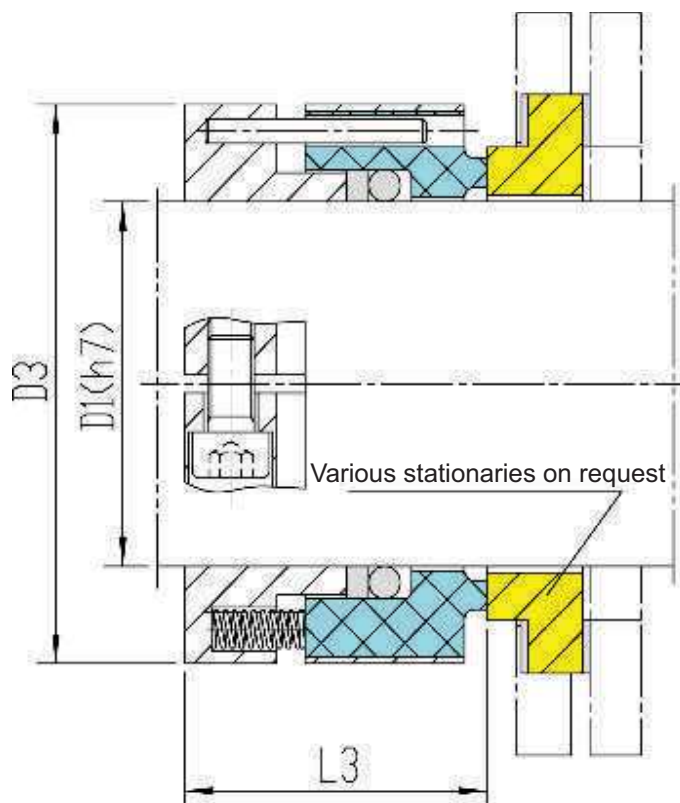
(look at working conditions page 112)

p ≤	12 bar (16 bar)
t =	-35 ÷ 180°C
v ≤	15 m/s
Axial movement + 0,5 mm	

Outside mounted
Mechanical seals

EN 12756 (DIN 24960)										UCC UFLCL
D1	D6	D7	D3	L1	L3	L4	L6	L5	D8	L7
10	17	21	21	25	18	7	4	1.5	3	8.5
12	19	23	23	25	18	7	4	1.5	3	8.5
14	21	25	25	25	18	7	4	1.5	3	8.5
16	23	27	26	26.1	19.1	7	4	1.5	3	8.5
18	27	33	29	29.1	19.1	10	5	2	3	9
20	29	35	32	29.1	19.1	10	5	2	3	9
22	31	37	35	29.1	19.1	10	5	2	3	9
24	33	39	37	29.1	19.1	10	5	2	3	9
25	34	40	37	29.1	19.1	10	5	2	3	9
28	37	43	41	29.1	19.1	10	5	2	3	9
30	39	45	43	29.1	19.1	10	5	2	3	9
32	42	48	47	29.1	19.1	10	5	2	3	9
33	42	48	48	29.1	19.1	10	5	2	3	9
35	44	50	49	29.1	19.1	10	5	2	3	9
38	49	56	53	34.1	21.1	13	6	2	4	9
40	51	58	55	34.1	21.1	13	6	2	4	9
43	54	61	60	34.1	21.1	13	6	2	4	9
45	56	63	60	34.1	21.1	13	6	2	4	9
48	59	66	65	34.1	21.1	13	6	2	4	9
50	62	70	65	35.1	21.1	14	6	2.5	4	9
53	65	73	74	36.1	22.1	14	6	2.5	4	9
55	67	75	74	36.1	22.1	14	6	2.5	4	9
58	70	78	79	39.8	25.8	14	6	2.5	4	9
60	72	80	79	39.8	25.8	14	6	2.5	4	9
63	75	83	87	39.8	25.8	14	6	2.5	4	9
65	77	85	87	39.8	25.8	14	6	2.5	4	9
68	81	90	93	41.8	25.8	16	7	2.5	4	9
70	83	92	93	41.8	25.8	16	7	2.5	4	9
75	88	97	98	41.8	25.8	16	7	2.5	4	9
80	95	105	104	43.8	25.8	18	7	3	4	9
85	100	110	108	43.8	25.8	18	7	3	4	9
90	105	115	113	43.8	25.8	18	7	3	4	9
95	110	120	118	43.8	25.8	18	7	3	4	9
100	115	125	123	43.8	25.8	18	7	3	4	9

Special outside mounted seal
Counterpressure possible
Clamping sleeve, shaft protecting



Materials:

Rotary: A, B, Q, U

Stationary: on demand

Rubber parts: P, E, V, K, M

Operating limits:

(look at working conditions page 112)

$p \leq$	12 bar
$t =$	$-35 \div 180^\circ\text{C}$
$v \leq$	15m/s

Special fitting dimensions

D1	D3	L3
24	49	38
25	51	38
28	54	38
30	57	38
33	59	38
35	60	38
38	63	38
40	67	38
43	68	38
45	70	38
48	74	38
50	76	38
55	79	38
60	86	38
65	92	38
70	98	41
75	104	41
80	108	41
85	114	41
90	118	41
95	123	41
100	129	41