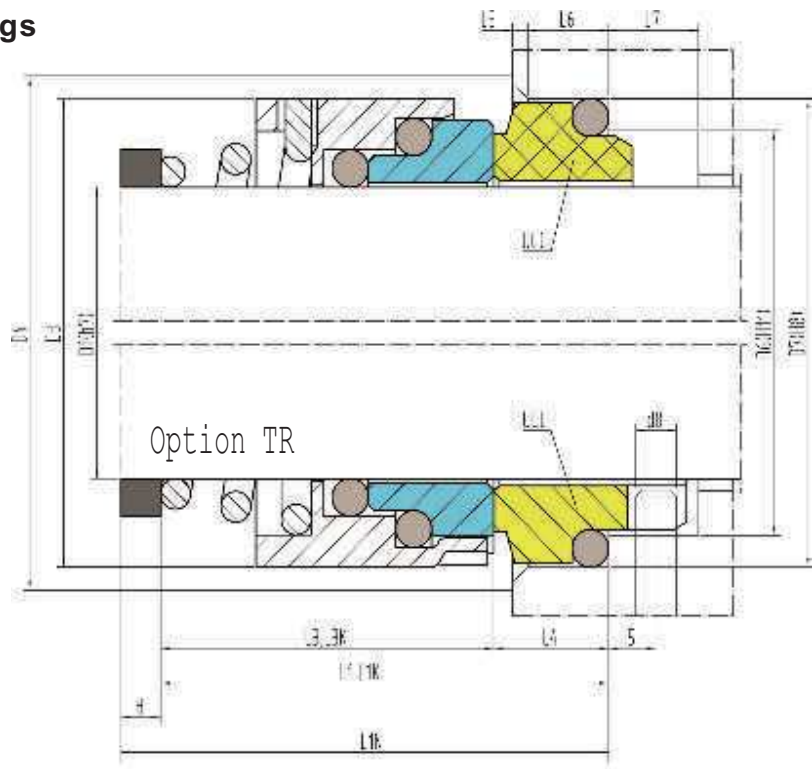


Universal seal for demanding applications
Conical spring rotating
Massive replaceable seal rings
Vibration practical



Materials:

Rotary: Q, U, V

Stationary: A, B, Q, U

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

$L1 = L3 + L4$

$L1K = L3K + L4$

$L1N = L3 + H + L4$

Operating limits:

(look at working conditions page 112)

$p \leq$	16 bar
$t =$	$-35 \div 180^\circ\text{C}$
$v \leq$	15 m/s

EN 12756 (DIN 24960)

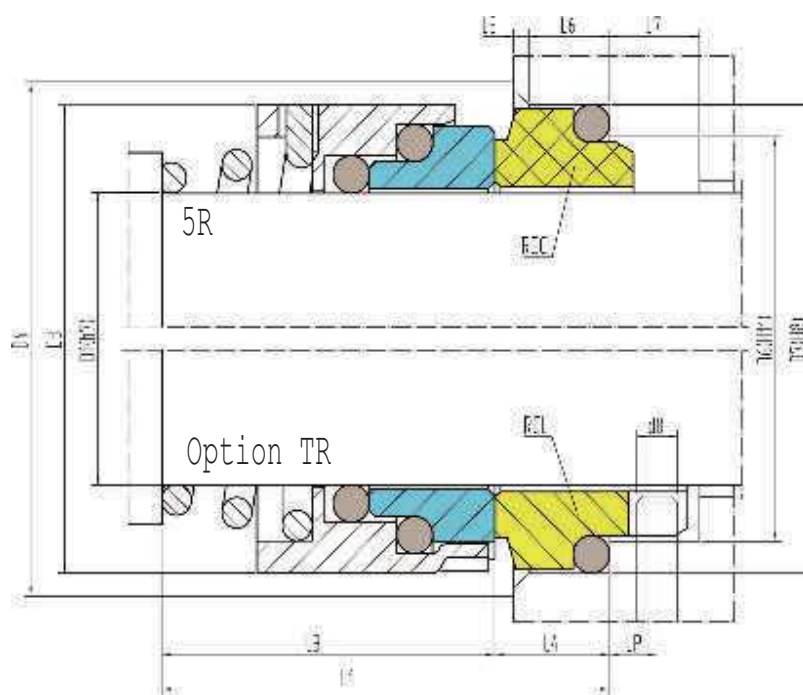
UCC UCL

D1	D6	D7	D3	D4	L1K	L3K	L1N	L1	L3	L4	L6	L5	H	D8	L7
10	17	21	21.5	22	32.5	25.5	40	22	15	7	4	1.5	18	3	8.5
12	19	23	22.5	24	32.5	25.5	40	25	18	7	4	1.5	15	3	8.5
14	21	25	24.5	26	35	28	40	29	22	7	4	1.5	11	3	8.5
16	23	27	28.5	30+	35	28	40	30	23	7	4	1.5	10	3	8.5
18	27	33	32.5	34	37.5	27.5	45	34	24	10	5	2	11	3	9
20	29	35	32.5	36	37.5	27.5	45	35	25	10	5	2	10	3	9
22	31	37	37	38	37.5	27.5	45	35	25	10	5	2	10	3	9
24	33	39	37	40	40	30	50	37	27	10	5	2	13	3	9
25	34	40	41	41	40	30	50	37	27	10	5	2	13	3	9
28	37	43	47	48+	42.5	32.5	50	39	29	10	5	2	11	3	9
30	39	45	47	48+	42.5	32.5	50	40	30	10	5	2	10	3	9
32	42	48	47	48	42.5	32.5	55	40	30	10	5	2	15	3	9
33	42	48	48	49	42.5	32.5	55	49	39	10	5	2	6	3	9
35	44	50	57	58+	42.5	32.5	55	49	39	10	5	2	6	3	9
38	49	56	64	65+	45	32	55	55	42	13	6	2	—	4	9
40	51	58	64	65+	45	32	55	55	42	13	6	2	—	4	9
43	54	61	64	65+	45	32	60	60	47	13	6	2	—	4	9
45	56	63	69	70+	45	32	60	60	47	13	6	2	—	4	9
48	59	66	69	70+	45	32	60	60	47	13	6	2	—	4	9
50	62	70	75	76+	47.5	33.5	60	60	46	14	6	2.5	—	4	9
53	65	73	75	76+	47.5	33.5	70	70	56	14	6	2.5	—	4	9
55	67	75	75	75	47.5	33.5	70	70	56	14	6	2.5	—	4	9
58	70	78	83	83	52.5	38.5	70	70	56	14	6	2.5	—	4	9
60	72	80	83	85	52.5	38.5	70	70	56	14	6	2.5	—	4	9
63	75	83	88	88	52.5	38.5	70	70	56	14	6	2.5	—	4	9
65	77	85	88	90	52.5	38.5	80	80	66	14	6	2.5	—	4	9
68	81	90	93	93	52.5	36.5	80	80	64	16	7	2.5	—	4	9
70	83	92	93	95	60	44	80	80	64	16	7	2.5	—	4	9
75	88	97	98	104	60	44	80	80	64	16	7	2.5	—	4	9
80	95	105	104	109	60	42	90	90	72	18	7	3	—	4	9
85	100	110	110	114	60	42	90	90	72	18	7	3	—	4	9
90	105	115	116	119	65	42	90	90	72	18	7	3	—	4	9
95	110	120	123	124	65	42	90	90	72	18	7	3	—	4	9
100	115	125	127	129	65	42	90	90	72	18	7	3	—	4	9

+ This size is larger than the minimum prescribed by EN 12756

Spacer ring is not included in the delivery of the mechanical seal.

Universal seal for demanding applications
Conical spring rotating
Massive replaceable seal rings
Massive frame
Vibration practical



Materials:

Rotary: Q, U, V

Stationary: A, B, Q, U

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

Operating limits:

(look at working conditions page 112)

p ≤	16 bar
t =	-35 ÷ 180°C
v ≤	15 m/s

Special fitting dimensions

RCC RCL

5RH2 RCC RCL

D1	D6	D7	D3	D4	L1	L3	L4	L6	L5	D8	L7	Lp	L1	L3
10	14	18.1	21.5	22	25.5	20	5.5	2.8	1.2	2	6.2	3.5	20.5	15
11	16.5	20.6	21.5	25	27.5	22	5.5	2.8	1.2	2	6.2	3.5	23.5	18
12	16.5	20.6	22.5	25	27.5	22	5.5	2.8	1.2	2	6.2	3.5	23.5	18
13	19	23.1	22.5	27	33	27	6	2.8	1.2	2	6.7	4	28	22
14	19	23.1	24.5	27	33	27	6	2.8	1.2	2	6.7	4	28	22
15	21	26.9	24.5	32	34	27	7	3.7	1.3	2.5	7.6	4	29	22
16	21	26.9	28.5	32	35	28	7	3.7	1.3	2.5	7.6	4	30	23
17	21	26.9	28.5	32	35	28	7	3.7	1.3	2.5	7.6	4	30	23
18	25	30.9	32.5	36	38	30	8	3.7	1.3	3	8.5	4.5	32	24
19+20	25	30.9	32.5	36	38	30	8	3.7	1.3	3	8.5	4.5	33	25
21+22	30	35.4	37	41	38	30	8	3.7	1.8	3.5	8.5	5	33	25
23+24	30	35.4	37	41	40	32	8	3.7	1.8	3.5	8.5	5	35	27
25+27	33	38.2	41	45	41.5	33	8.5	3.7	1.8	4	9.1	5	35.5	27
28	38	43.3	47	50	45	36	9	3.7	1.8	4	9.6	6	38	29
29+32	38	43.3	47	50	46	37	9	3.7	1.8	4	9.6	6	39	30
33+37	45	53.5	48	62	59.5	48	11.5	5.4	2.1	5	12	7.5	50.5	39
38+43	52	60.5	64	70	59.5	48	11.5	5.4	2.1	5	12	7.5	50.5	39
44+49	57	65.5	64	75	62.5	51	11.5	5.4	2.1	5	13	8.5	52.5	41
50	64	72.5	75	83	66.5	55	11.5	5.4	2.1	5	13	8.5	56.5	45
55	64	72.5	75	83	68.5	57	11.5	5.4	2.1	5	13	8.5	58.5	47
60	72	79.3	83	90	72.5	61	11.5	5.4	2.1	5	13.5	8.5	60.5	49
65	77	84.5	88	96	74.5	63	11.5	5.4	2.1	5	13.5	8.5	62.5	51
70	82	89.5	93	101	74.5	63	11.5	5.4	2.1	5	13.5	8.5	62.5	51
75	87	94.5	98	106	79.5	68	11.5	5.4	2.1	5	13.5	8.5	68.5	57
80	92	99.5	104	111	81.5	70	11.5	5.4	2.1	5	13.5	8.5	70.5	59
85	98	105.5	110	125	85.5	72	13.5	5.4	2.6	5	13.5	8.5	72.5	59
90	105	111.5	116	130	88.5	75	13.5	5.4	2.6	5	13.5	8.5	75.5	62
95	110	116.5	123	137	88.5	75	13.5	5.4	2.6	5	13.5	8.5	75.5	62
100	114	119.5	127	143	98.5	85	13.5	5.4	2.6	5	13.5	8.5	88.5	75
110	124	132.2	-	166	106.5	89	17.5	7.1	3.9	5	13.5	8.5	92.5	75
120	134	142.2	-	176	114.5	97	17.5	7.1	3.9	5	13.5	8.5	102.5	85
130	145	153.2	-	190	125.5	108	17.5	7.1	3.9	5	13.5	8.5	112.5	95
140	157	164.3	-	210	128.5	110	18.5	7.1	3.9	5	13.5	8.5	118.5	100
150	167	174.2	-	220	138.5	120	18.5	7.1	3.9	5	13.5	8.5	128.5	110