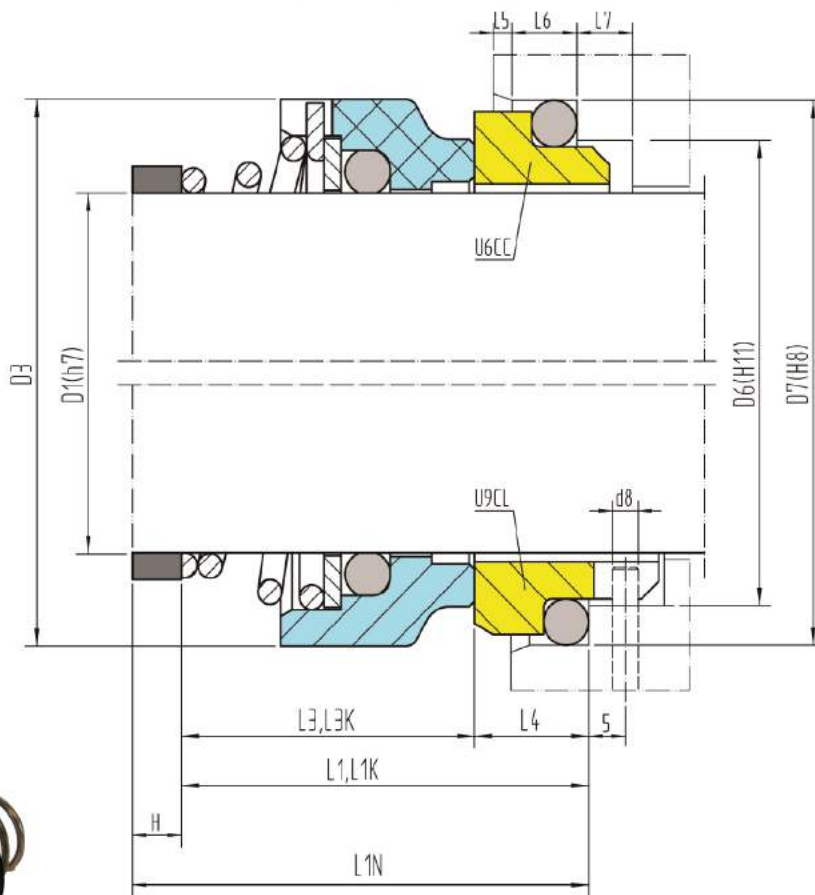


Simple mass-produced seal Conical spring rotating Massive seal rings



$L1=L3+L4$
 $L1K=L3K+L4$
 $L1N=L3+H+L4$

Operating limits:

(look at working conditions page 112)

$p \leq$	12 bar
$t =$	$-20 + 140^\circ\text{C}$ (180°C)
$v \leq$	15 m/s

Materials:

Rotary: A, B, Q, U

Stationary: Q, U, V

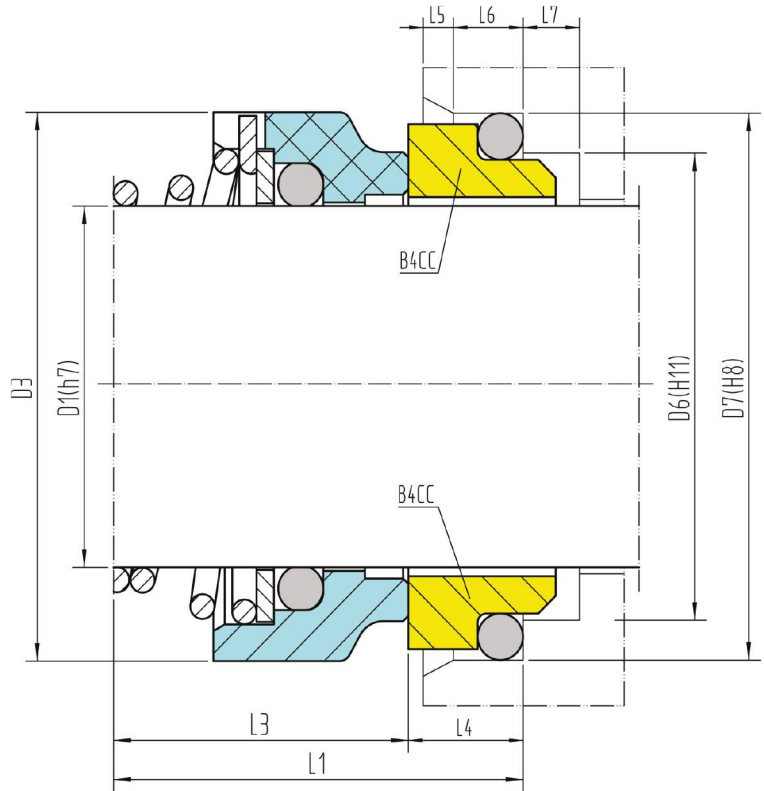
Rubber parts: P, E, V, K, M

EN 12756 (DIN 24960)							UCC		UCL		U6CC			U9CL						
D1	D6	D7	D3	L1K	L3K	L1N	L1	L3	L4	L6	L5	H	D8	L7	L1	L3	L4	L1	L3	L4
6*	11	16	15	—	—	—	15.5	11	4.5	—	—	—	—	—	—	—	—	—	—	—
7-9*	15.5	19.2	18	—	—	—	19	12	7	—	—	—	—	—	—	—	—	—	—	—
10	17	21	20	32.5	25.5	40	22	15	7	4	1.5	18	3	8.5	22.5	15.9	6.6	25.5	15.5	10
11*	19	23	22	—	—	—	25	18	7	—	—	—	—	—	—	—	—	—	—	—
12	19	23	22	32.5	25.5	40	25	18	7	4	1.5	15	3	8.5	22.6	16	6.6	26	16	10
13*	21	25	24	—	—	—	29	22	7	—	—	—	—	—	—	—	—	—	—	—
14	21	25	25	35	28	40	29	22	7	4	1.5	11	3	8.5	22.6	16	6.6	26.5	16.5	10
15*	23	27	26	—	—	—	30	23	7	—	—	—	—	—	—	—	—	—	—	—
16	23	27	27	35	28	40	30	23	7	4	1.5	10	3	8.5	25.6	19	6.6	28	18	10
18	27	33	30	37.5	27.5	45	34	24	10	5	2	11	3	9	28	20.5	7.5	31	19.5	11.5
20	29	35	32	37.5	27.5	45	35	25	10	5	2	10	3	9	29.5	22	7.5	33.5	22	11.5
22	31	37	35	37.5	27.5	45	35	25	10	5	2	10	3	9	31	23.5	7.5	33	21.5	11.5
24	33	39	38	40	30	50	37	27	10	5	2	13	3	9	32.5	25	7.5	35	23.5	11.5
25	34	40	40	40	30	50	37	27	10	5	2	13	3	9	34	26.5	7.5	38	26.5	11.5
28	37	43	43	42.5	32.5	50	39	29	10	5	2	11	3	9	34	26.5	7.5	38	26.5	11.5
30	39	45	47	42.5	32.5	50	40	30	10	5	2	10	3	9	32.5	25	7.5	36.5	25	11.5
32	42	48	48	42.5	32.5	55	40	30	10	5	2	15	3	9	36	28.5	7.5	40	28.5	11.5
33	42	48	50	42.5	32.5	55	49	39	10	5	2	6	3	9	36	28.5	7.5	40	28.5	11.5
35	44	50	53	42.5	32.5	55	49	39	10	5	2	6	3	9	36	28.5	7.5	40	28.5	11.5
38	49	56	56	45	32	55	55	42	13	6	2	—	4	9	41	32	9	46	32	14
40	51	58	58	45	32	55	55	42	13	6	2	—	4	9	45	36	9	—	—	—

*not according to EN 12756

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

**Simple mass-produced seal
Conical spring rotating
Massive seal rings**



Unbalanced
Dependent on rotation

O-Ring
Mechanical seals

Materials:

Rotary: A, B, Q, U

Stationary: Q, U, V

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

Operating limits:

(look at working conditions page 112)

p ≤	12 bar
t =	-20 ÷ 140°C (180°C)
v ≤	15 m/s

Special fitting dimensions

B4CC

D1	D6	D7	D3	L1	L3	L4	L6	L5	L7
10	15.5	19.2	21	22.5	15.9	6.6	3.8	1.5	8.5
12	17.5	21.6	22	21.6	16	5.6	3.8	1.5	8.5
14	20.5	24.6	25	21.6	16	5.6	3.8	1.5	8.5
15	20.5	24.6	27	24	17.4	6.6	3.8	1.5	8.5
16	22	28	27	26.5	19	7.5	5	1.5	8.5
18	24	30	30	28.5	20.5	8	5	2	9
19	29.5	35	32	29.5	22	7.5	5	2	9
20	29.5	35	32	29.5	22	7.5	5	2	9
22	29.5	35	35	31	23.5	7.5	5	2	9
24	32	38	38	32.5	25	7.5	5	2	9
25	32	38	40	34	26.5	7.5	5	2	9
26	34	40	41	34.5	26.5	8	5	2	9
28	36	42	43	35.5	26.5	9	5	2	9
30	39.2	45	47	35.5	25	10.5	5	2	9
32	42.5	48	48	39	28.5	10.5	5	2	9
35	46.2	52	53	39.5	28.5	11	6.5	2	9
38	49.2	55	56	42.3	32	10.3	6.5	2	9
40	52.2	58	56	44.8	34	10.8	6.5	2	9