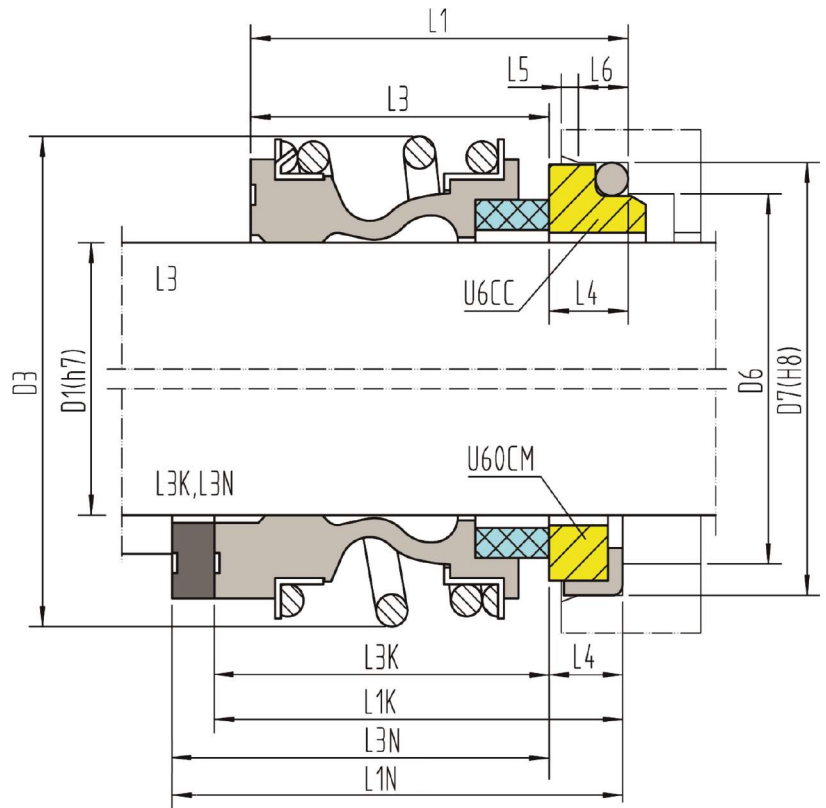


**Robust single seal**  
**Shaft protecting**  
**Easy mounting**  
**Independent of rotation**



**Materials:**

Rotary: A, B, Q, U  
 Stationary: Q, U, V  
 Rubber parts: P, E, V, K, M

**Operating limits:**

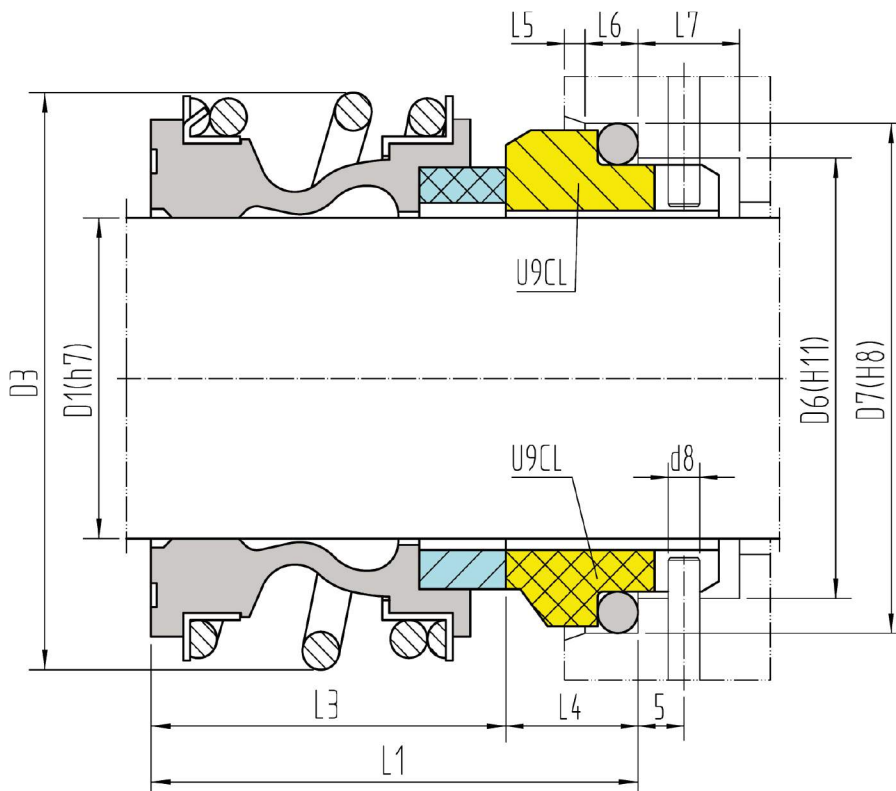
(look at working conditions page 112)

p ≤	12 bar
t =	-20 ÷ 120 °C
v ≤	10 m/s

Elastomere bellows seals

EN 12756 (DIN 24960)										U6CC	U60CM	
D1	D6	D7	D3	L1	L3	L1K	L3K	L1N	L3N	L4	L6	L5
10	17	21	22.5	21.1	14.5	32.5	25.9	40	33.4	6.6	4	1.5
12	19	23	25	21.6	15	32.5	25.9	40	33.4	6.6	4	1.5
14	21	25	28.5	23.6	17	35	28.4	40	33.4	6.6	4	1.5
15	23	27	28.5	23.6	17	—	—	—	—	6.6	—	—
16	23	27	28.5	23.6	17	35	28.4	40	33.4	6.6	4	1.5
18	27	33	32	27	19.5	37.5	30	45	37.5	7.5	5	2
20	29	35	37	29	21.5	37.5	30	45	37.5	7.5	5	2
22	31	37	37	29	21.5	37.5	30	45	37.5	7.5	5	2
24	33	39	42.5	30	22.5	40	32.5	50	42.5	7.5	5	2
25	34	40	42.5	30.5	23	40	32.5	50	42.5	7.5	5	2
28	37	43	49	34	26.5	42.5	35	50	42.5	7.5	5	2
30	39	45	49	34	26.5	42.5	35	50	42.5	7.5	5	2
32	42	48	53.5	35	27.5	42.5	35	55	47.5	7.5	5	2
33	42	48	53.5	35	27.5	42.5	35	55	47.5	7.5	5	2
35	44	50	57	36	28.5	42.5	35	55	47.5	7.5	5	2
38	49	56	59	39	30	45	36	55	46	9	6	2
40	51	58	62	39	30	45	36	55	46	9	6	2
43	54	61	65.5	39	30	45	36	60	51	9	6	2
45	56	63	68	39	30	45	36	60	51	9	6	2
48	59	66	70.5	39.5	30.5	45	36	60	51	9	6	2
50	62	70	74	40	30.5	47.5	38	60	50.5	9.5	6	2.5
53	65	73	78.5	44	33	47.5	36.5	70	59	11	6	2.5
55	67	75	81	46	35	47.5	36.5	70	59	11	6	2.5
58	70	78	85.5	48	37	52.5	41.5	70	59	11	6	2.5
60	72	80	88.5	49	38	52.5	41.5	70	59	11	6	2.5
63	75	83	92.5	51	40	52.5	41.5	70	59	11	6	2.5
65	77	85	93.5	51	40	52.5	41.5	80	69	11	6	2.5
68	81	90	96.5	51.3	40	52.5	41.2	80	68.7	11.3	7	2.5
70	83	92	99.5	51.3	40	60	48.7	80	68.7	11.3	7	2.5
75	88	97	107	51.3	40	60	48.7	80	68.7	11.3	7	2.5
80	95	105	112	52	40	60	48	90	78	12	7	3
85	100	110	120	55	41	60	46	90	76	14	7	3
90	105	115	127	59	45	65	46	90	76	14	7	3
95	110	120	132	60	46	65	46	90	76	14	7	3
100	115	125	137	61	47	65	46	90	76	14	7	3

**Robust single seal**  
**Shaft protecting**  
**Easy mounting**  
**Independent of rotation**



**Materials:**

Rotary: A, B, Q, U  
 Stationary: A, B, Q, U, V  
 Rubber parts: P, E, V

**Operating limits:**

(look at working conditions page 112)

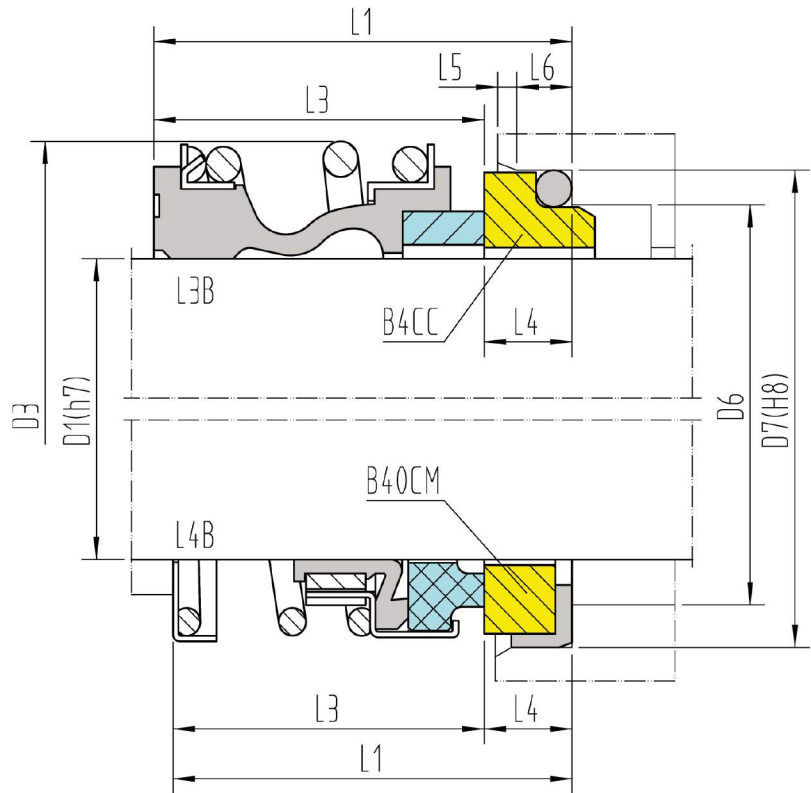
p ≤	12 bar
t =	-20 ÷ 120°C
v ≤	10 m/s

EN 12756 (DIN 24960)							U9CL		
D1	D6	D7	D3	L1	L3	L4	L6	L5	L7
10	17	21	22.5	24.5	14.5	10	4	1.5	8.5
12	19	23	25	25	15	10	4	1.5	8.5
14	21	25	28.5	27	17	10	4	1.5	8.5
16	23	27	28.5	27	17	10	4	1.5	8.5
18	27	33	32	31	19.5	11.5	5	2	9
20	29	35	37	33	21.5	11.5	5	2	9
22	31	37	37	33	21.5	11.5	5	2	9
24	33	39	42.5	34	22.5	11.5	5	2	9
25	34	40	42.5	34.5	23	11.5	5	2	9
28	37	43	49	38	26.5	11.5	5	2	9
30	39	45	49	38	26.5	11.5	5	2	9
32	42	48	53.5	39	27.5	11.5	5	2	9
33	42	48	53.5	39	27.5	11.5	5	2	9
35	44	50	57	40	28.5	11.5	5	2	9
38	49	56	59	44	30	14	6	2	9
40	51	58	62	44	30	14	6	2	9
43	54	61	65.5	44	30	14	6	2	9
45	56	63	68	44	30	14	6	2	9
48	59	66	70.5	44.5	30.5	14	6	2	9
50	62	70	74	45.5	30.5	15	6	2.5	9
53	65	73	78.5	48	33	15	6	2.5	9
55	67	75	81	50	35	15	6	2.5	9
58	70	78	85.5	52	37	15	6	2.5	9
60	72	80	88.5	53	38	15	6	2.5	9
63	75	83	92.5	55	40	15	6	2.5	9
65	77	85	93.5	55	40	15	6	2.5	9
68	81	90	96.5	58	40	18	7	2.5	9
70	83	92	99.5	58	40	18	7	2.5	9
75	88	97	107	58	40	18	7	2.5	9
80	95	105	112	58.2	40	18.2	7	3	9
85	100	110	120	59.2	41	18.2	7	3	9
90	105	115	127	63.2	45	18.2	7	3	9
95	110	120	132	63.2	46	17.2	7	3	9
100	115	125	137	64.2	47	17.2	7	3	9

**Robust single seal or  
Economic allround seal  
Shaft protecting  
Independent of rotation**



**Materials:**  
Rotary: A, B, Q, U  
Stationary: Q, U, V  
Rubber parts: P, E, V



**Operating limits:**  
(look at working conditions page 112)

p ≤	12 bar
t =	-20 ÷ 120°C
v ≤	10 m/s

## Special fitting dimensions

Special fitting dimensions					B4CC B40CM					L4B B4CC B40CM		
D1	D6	D7	D3	L1	L3	L4	L6	L5	L1	L3	L4	
10	15.5	19.2	22.5	21.1	14.5	6.6	3.8	1.2	22.6	16	6.6	
12	17.5	21.6	25	20.6	15	5.6	3.8	1.2	23.1	17.5	5.6	
14	20.5	24.6	28.5	22.6	17	5.6	3.8	1.2	23.1	17.5	5.6	
15	20.5	24.6	28.5	23.6	17	6.6	3.8	1.2	24.1	17.5	6.6	
16	22	28	28.5	24.5	17	7.5	5	1.5	26.5	19	7.5	
18	24	30	32	27.5	19.5	8	5	1.5	28.5	20.5	8	
19	29.5	35	37	29	21.5	7.5	5	1.5	29.5	22	7.5	
20	29.5	35	37	29	21.5	7.5	5	1.5	29.5	22	7.5	
22	29.5	35	37	29	21.5	7.5	5	1.5	31	23.5	7.5	
24	32	38	42.5	30	22.5	7.5	5	1.5	32.5	25	7.5	
25	32	38	42.5	30.5	23	7.5	5	1.5	34	26.5	7.5	
28	36	42	49	35.5	26.5	9	5	1.5	35.5	26.5	9	
30	39.2	45	49	37	26.5	10.5	5	1.5	35.5	25	10.5	
32	42.2	48	53.5	38	27.5	10.5	5	1.5	39	28.5	10.5	
33	44.5	50	53.5	38.5	27.5	11	5	1.5	39.5	28.5	11	
35	46.2	52	57	39.5	28.5	11	5	1.5	39.5	28.5	11	
38	49.2	55	59	40.3	30	10.3	5	1.5	42.5	32.2	10.3	
40	52.2	58	62	40.8	30	10.8	5	1.5	45.5	34.7	10.8	
43	53.3	62	65.5	42	30	12	6	2	49.3	37.3	12	
45	55.3	64	68	41.6	30	11.6	6	2	50.8	39.2	11.6	
48	59.7	68.4	70.5	42.1	30.5	11.6	6	2	56.3	44.7	11.6	
50	60.8	69.3	74	42.1	30.5	11.6	6	2	57.3	45.7	11.6	
53	63.8	72.3	78.5	45.3	33	12.3	6	2	60.3	48	12.3	
55	66.5	75.4	81	48.3	35	13.3	6	2	62.3	49	13.3	
58	69.5	78.4	85.5	50.3	37	13.3	6	2	65.3	52	13.3	
60	71.5	80.4	88.5	51.3	38	13.3	6	2	66.3	53	13.3	
63	74.5	83.4	92.5	53.3	40	13.3	6	2	-	-	13.3	
65	76.5	85.4	93.5	53	40	13	6	2	67.3	54.3	13	
68	82.7	91.5	96.5	53.7	40	13.7	6	2	69	55.3	13.7	
70	83	92	99.5	53	40	13	6	2	69.3	56.3	13	
75	90.2	99	107	54	40	14	6	2	70.3	56.3	14	
80	95.2	104	112	55	40	15	6	2	74.3	59.3	15	
85	100.2	109	120	55.8	41	14.8	6	2	-	-	-	
90	105.2	114	127	59.8	45	14.8	6	2	-	-	-	
95	111.6	120.3	132	61.8	46	15.8	6	2	-	-	-	
100	114.5	123.3	137	62.8	47	15.8	6	2	-	-	-	