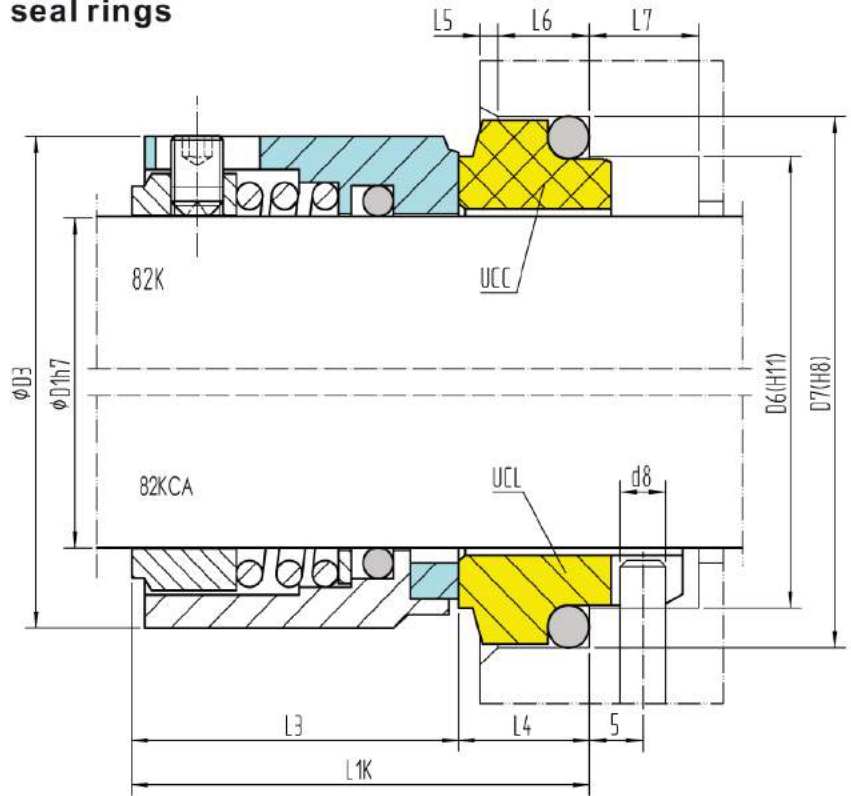


Robust norm seal
Massive seal ring frame with flushing hole for self-cleaning
Massive, brazed or shrinked seal rings

Unbalanced
Independent on rotation

O-Ring
Mechanical seals



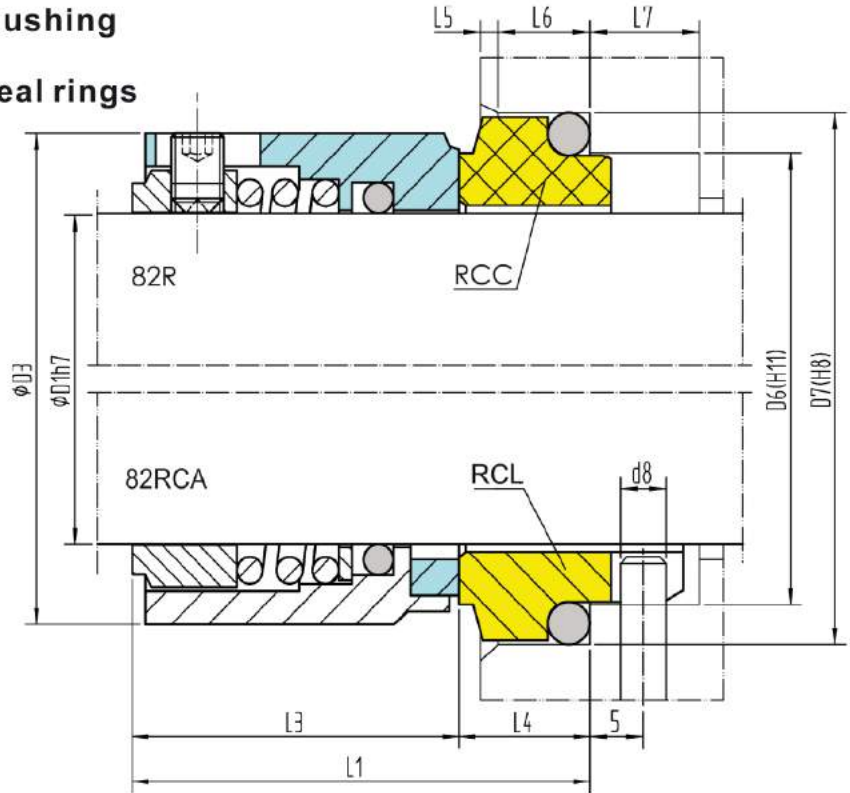
Operating limits:
 (look at working conditions page 112)

82K	82KCA
$p \leq 12 \text{ bar}$	$p \leq 16 \text{ bar}$
$t = -35 \div 180^\circ\text{C}$	$t = -35 \div 140^\circ\text{C}$
$v \leq 15 \text{ m/s}$	$v \leq 15 \text{ m/s}$

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

EN 12756 (DIN 24960)										UCC	UCL
D1	D6	D7	D3	L1K	L3	L4	L6	L5	D8	L7	
10	17	21	21	32.5	25.5	7	4	1.5	3	8.5	
12	19	23	22	32.5	25.5	7	4	1.5	3	8.5	
14	21	25	24	35	28	7	4	1.5	3	8.5	
16	23	27	26	35	28	7	4	1.5	3	8.5	
18	27	33	29	37.5	27.5	10	5	2	3	9	
20	29	35	30	37.5	27.5	10	5	2	3	9	
22	31	37	34	37.5	27.5	10	5	2	3	9	
24	33	39	35	40	30	10	5	2	3	9	
25	34	40	37	40	30	10	5	2	3	9	
28	37	43	42	42.5	32.5	10	5	2	3	9	
30	39	45	45	42.5	32.5	10	5	2	3	9	
32	42	48	45	42.5	32.5	10	5	2	3	9	
33	42	48	48	42.5	32.5	10	5	2	3	9	
35	44	50	50	42.5	32.5	10	5	2	3	9	
38	49	56	54	45	32	13	6	2	4	9	
40	51	58	56	45	32	13	6	2	4	9	
43	54	61	60	45	32	13	6	2	4	9	
45	56	63	64	45	32	13	6	2	4	9	
48	59	66	67	45	32	13	6	2	4	9	
50	62	70	69	47.5	33.5	14	6	2.5	4	9	
53	65	73	74	47.5	33.5	14	6	2.5	4	9	
55	67	75	74	47.5	33.5	14	6	2.5	4	9	
58	70	78	80	52.5	38.5	14	6	2.5	4	9	
60	72	80	80	52.5	38.5	14	6	2.5	4	9	
63	75	83	87	52.5	38.5	14	6	2.5	4	9	
65	77	85	87	52.5	38.5	14	6	2.5	4	9	
68	81	90	92	52.5	36.5	16	7	2.5	4	9	
70	83	92	92	60	44	16	7	2.5	4	9	
75	88	97	97	60	44	16	7	2.5	4	9	
80	95	105	102	60	42	18	7	3	4	9	
85	100	110	110	60	42	18	7	3	4	9	
90	105	115	117	65	47	18	7	3	4	9	
95	110	120	122	65	47	18	7	3	4	9	
100	115	125	127	65	47	18	7	3	4	9	

Robust standard seal
Massive seal ring frame with flushing
whole for self-cleaning
Massive, brazed or shrinked seal rings



Operating limits:
 (look at working conditions page 112)

82R	82RCA
$p \leq 12 \text{ bar}$	$p \leq 16 \text{ bar}$
$t = -35 + 180^\circ\text{C}$	$t = -35 + 140^\circ\text{C}$
$v \leq 15 \text{ m/s}$	$v \leq 15 \text{ m/s}$

Materials:

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

Special fitting dimensions										RCC	RCL
D1	D6	D7	D3	L1	L3	L4	L6	L5	D8	L7	
10	14	18.1	21	20.5	15	5.5	2.8	1.2	2	6.2	
11	16.5	20.6	21	23.5	18	5.5	2.8	1.2	2	6.2	
12	16.5	20.6	22	23.5	18	5.5	2.8	1.2	2	6.2	
14	19	23.1	24	28	22	6	2.8	1.2	2	6.7	
16	21	26.9	26	30	23	7	3.7	1.3	2.5	7.6	
18	25	30.9	29	32	24	8	3.7	1.3	3	8.5	
19	25	30.9	30	33	25	8	3.7	1.3	3	8.5	
20	25	30.9	30	33	25	8	3.7	1.3	3	8.5	
22	30	35.4	34	33	25	8	3.7	1.8	3.5	8.5	
24	30	35.4	35	35	27	8	3.7	1.8	3.5	8.5	
25	33	38.2	37	35.5	27	8.5	3.7	1.8	4	9.1	
28	38	43.3	42	38	29	9	3.7	1.8	4	9.6	
29	38	43.3	42	38	29	9	3.7	1.8	4	9.6	
30	38	43.3	45	38	29	9	3.7	1.8	4	9.6	
32	38	43.3	45	38	29	9	3.7	1.8	4	9.6	
33	45	53.5	48	44.5	33	11.5	5.4	2.1	5	12	
35	45	53.5	50	46.5	35	11.5	5.4	2.1	5	12	
38	52	60.5	54	46.5	35	11.5	5.4	2.1	5	12	
40	52	60.5	56	46.5	35	11.5	5.4	2.1	5	12	
42	52	60.5	59	46.5	35	11.5	5.4	2.1	5	12	
43	52	60.5	60	46.5	35	11.5	5.4	2.1	5	12	
44	57	65.5	60	48.5	37	11.5	5.4	2.1	5	13	
45	57	65.5	64	48.5	37	11.5	5.4	2.1	5	13	
48	57	65.5	67	48.5	37	11.5	5.4	2.1	5	13	
50	64	72.5	69	50.5	39	11.5	5.4	2.1	5	13	
55	64	72.5	74	50.5	39	11.5	5.4	2.1	5	13	
60	72	79.3	80	51.5	40	11.5	5.4	2.1	5	13.5	
65	77	84.5	87	52.5	41	11.5	5.4	2.1	5	13.5	
70	82	89.5	92	52.5	41	11.5	5.4	2.1	5	13.5	
75	87	94.5	97	55.5	44	11.5	5.4	2.1	5	13.5	
80	92	99.5	102	59.5	48	11.5	5.4	2.1	5	13.5	
85	98	105.5	110	61.5	48	13.5	5.4	2.6	5	13.5	
90	105	111.5	117	61.5	48	13.5	5.4	2.6	5	13.5	
95	110	116.5	122	66.5	53	13.5	5.4	2.6	5	13.5	
100	114	119.5	127	69.5	56	13.5	5.4	2.6	5	13.5	
110	124	132.2	143	81.5	64	17.5	7.1	3.9	5	13.5	
120	134	142.2	155	97.5	80	17.5	7.1	3.9	5	13.5	
130	145	153.2	166	97.5	80	17.5	7.1	3.9	5	13.5	