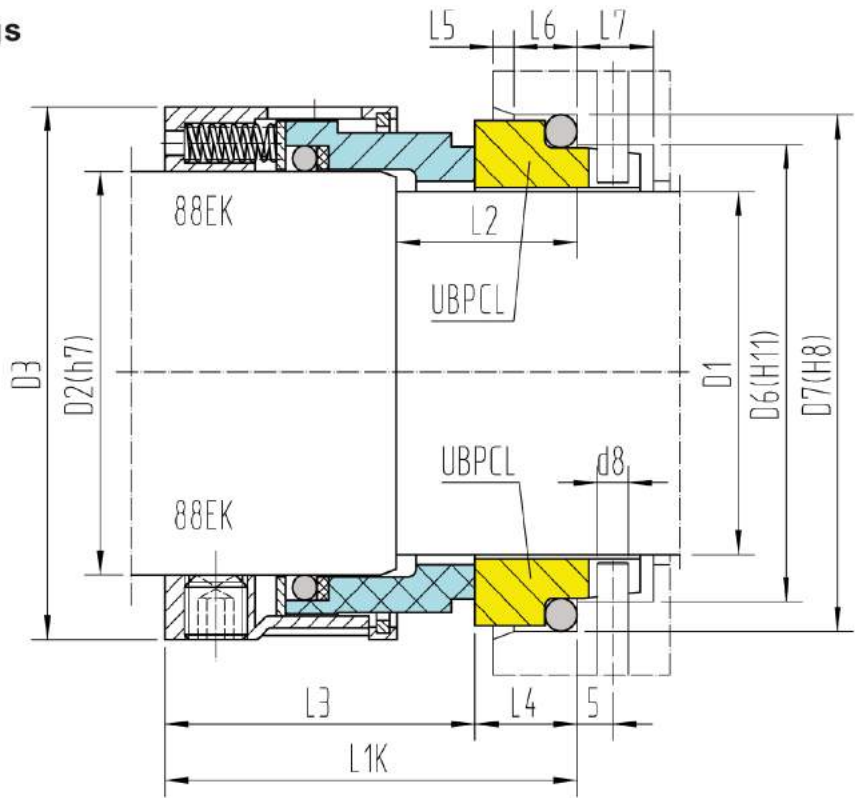


**Universal norm seal for high pressure applications**  
**Stepped shaft/shaft sleeve**  
**Massive replaceable seal rings**  
**Multiple springs**  
**Vibration practica**



**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 ≤	25 bar
t =	-35 + 220°C
v ≤	20 m/s

**EN 12756 (DIN 24960)**

**UBPCL**

D1	D2	D6	D7	D3	L1K	L3	L4	L2	L6	L5	D8	L7
14	18	21	25	32	42.5	30.5	12	18	4	1.5	3	8.5
16	20	23	27	34	42.5	30.5	12	18	4	1.5	3	8.5
18	22	27	33	36	45	31.5	13.5	20	5	2	3	9
20	24	29	35	38	45	31.5	13.5	20	5	2	3	9
22	26	31	37	40	45	31.5	13.5	20	5	2	3	9
24	28	33	39	42	47.5	34	13.5	20	5	2	3	9
25	30	34	40	44	47.5	34.5	13	20	5	2	3	9
28	33	37	43	47	50	37.5	12.5	20	5	2	3	9
30	35	39	45	49	50	38	12	20	5	2	3	9
32	38	42	48	54	50	38	12	20	5	2	3	9
33	38	42	48	54	50	38	12	20	5	2	3	9
35	40	44	50	56	50	38	12	20	5	2	3	9
38	43	49	56	59	52.5	39.5	13	23	6	2	4	9
40	45	51	58	61	52.5	39.5	13	23	6	2	4	9
43	48	54	61	64	52.5	39.5	13	23	6	2	4	9
45	50	56	63	66	52.5	39.5	13	23	6	2	4	9
48	53	59	66	69	52.5	39.5	13	23	6	2	4	9
50	55	62	70	71	57.5	44	13.5	25	6	2.5	4	9
53	58	65	73	78	57.5	44	13.5	25	6	2.5	4	9
55	60	67	75	80	57.5	44	13.5	25	6	2.5	4	9
58	63	70	78	83	62.5	49	13.5	25	6	2.5	4	9
60	65	72	80	85	62.5	49	13.5	25	6	2.5	4	9
63	68	75	83	88	62.5	49	13.5	25	6	2.5	4	9
65	70	77	85	90	62.5	49	13.5	25	6	2.5	4	9
70	75	83	92	95	70	55.5	14.5	28	7	2.5	4	9
75	80	88	97	104	70	55.5	14.5	28	7	2.5	4	9
80	85	95	105	109	70	55	15	28	7	3	4	9
85	90	100	110	114	75	60	15	28	7	3	4	9
90	95	105	115	119	75	60	15	28	7	3	4	9
95	100	110	120	124	75	60	15	28	7	3	4	9
100	105	115	125	129	75	60	15	28	7	3	4	9