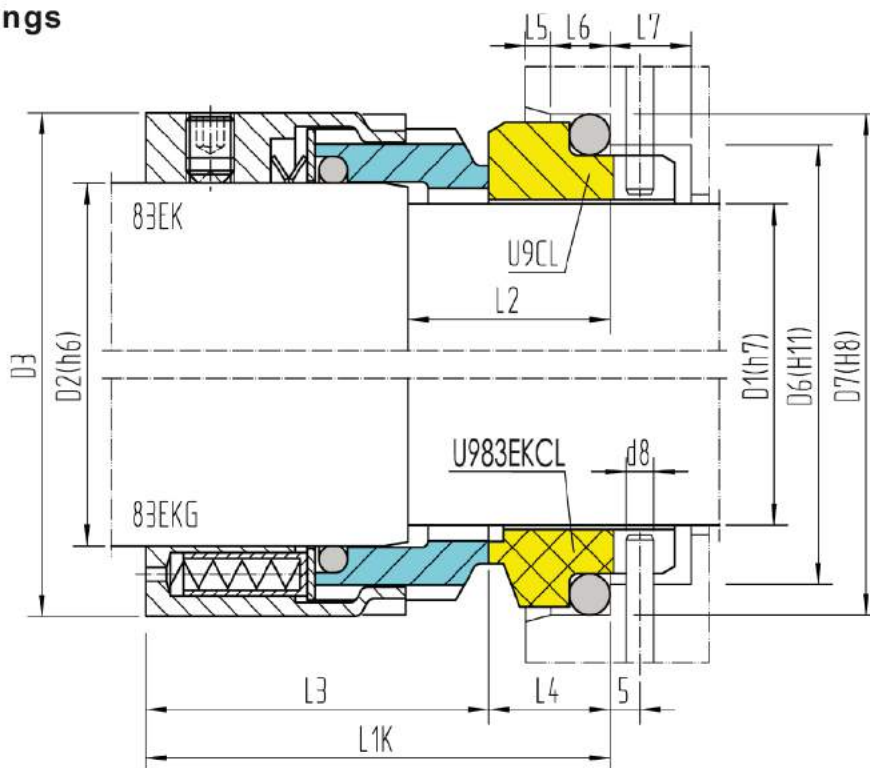


# 83EK-83EKG

Balanced  
Independent on rotation

O-Ring  
Mechanical seals

- Universal norm seal for high pressure applications
- Stepped shaft/shaft sleeve
- Massive replaceable seal rings
- Super-sinus-spring
- Multiple springs



**Materials:**

Rotary: Q, U

Stationary: A, B, Q, U

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)					U983EKCL		U9CL					
D1	D2	D6	D7	D3	L1K	L3	L4	L2	L6	L5	D8	L7
14	18	21	25	33	42.5	32.5	10	18	4	1.5	3	8.5
16	20	23	27	35	42.5	32.5	10	18	4	1.5	3	8.5
18	22	27	33	37	45	33.5	11.5	20	5	2	3	9
20	24	29	35	39	45	33.5	11.5	20	5	2	3	9
22	26	31	37	41	45	33.5	11.5	20	5	2	3	9
24	28	33	39	43	47.5	36	11.5	20	5	2	3	9
25	30	34	40	45	47.5	36	11.5	20	5	2	3	9
28	33	37	43	48	50	38.5	11.5	20	5	2	3	9
30	35	39	45	50	50	38.5	11.5	20	5	2	3	9
32	38	42	48	55	50	38.5	11.5	20	5	2	3	9
33	38	42	48	55	50	38.5	11.5	20	5	2	3	9
35	40	44	50	57	50	38.5	11.5	20	5	2	3	9
38	43	49	56	60	52.5	38.5	14	23	6	2	4	9
40	45	51	58	62	52.5	38.5	14	23	6	2	4	9
43	48	54	61	65	52.5	38.5	14	23	6	2	4	9
45	50	56	63	67	52.5	38.5	14	23	6	2	4	9
48	53	59	66	70	52.5	38.5	14	23	6	2	4	9
50	55	62	70	72	57.5	42.5	15	25	6	2.5	4	9
53	58	65	73	79	57.5	42.5	15	25	6	2.5	4	9
55	60	67	75	81	57.5	42.5	15	25	6	2.5	4	9
58	63	70	78	84	62.5	47.5	15	25	6	2.5	4	9
60	65	72	80	86	62.5	47.5	15	25	6	2.5	4	9
63	68	75	83	89	62.5	47.5	15	25	6	2.5	4	9
65	70	77	85	91	62.5	47.5	15	25	6	2.5	4	9
70	75	83	92	99	70	52	18	28	7	2.5	4	9
75	80	88	97	104	70	52	18	28	7	2.5	4	9
80	85	95	105	109	70	51.8	18.2	28	7	3	4	9
85	90	100	110	114	75	56.8	18.2	28	7	3	4	9
90	95	105	115	119	75	56.8	18.2	28	7	3	4	9
95	100	110	120	124	75	57.8	17.2	28	7	3	4	9
100	105	115	125	129	75	57.8	17.2	28	7	3	4	9