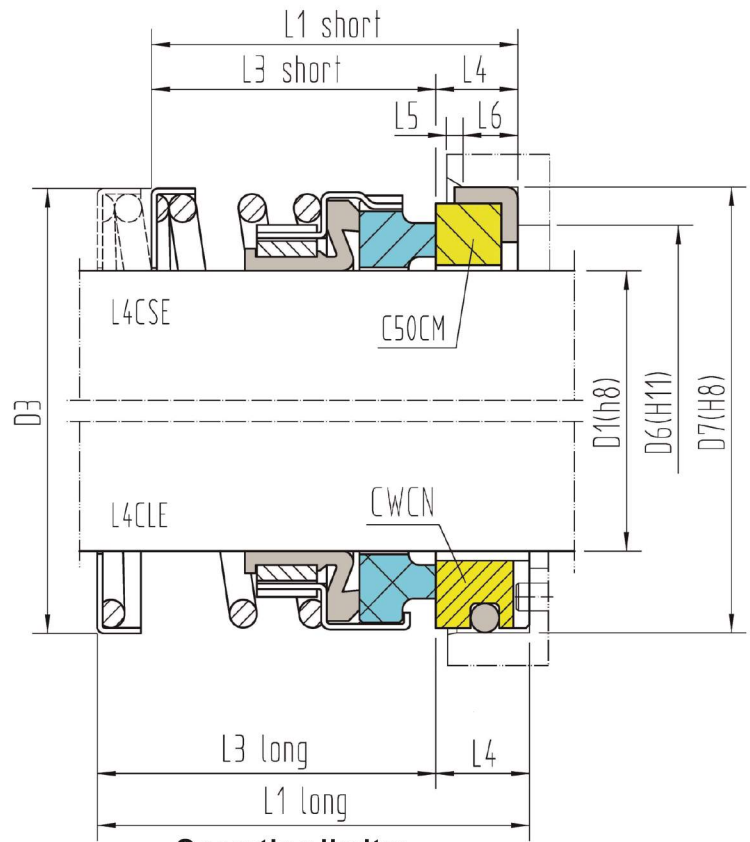


# L4CSE-L4CLE

**Economic allround seal  
Shaft protecting  
Independent of rotation**



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

p ≤	12 bar
t =	-20 ÷ 120°C
v ≤	10 m/s

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

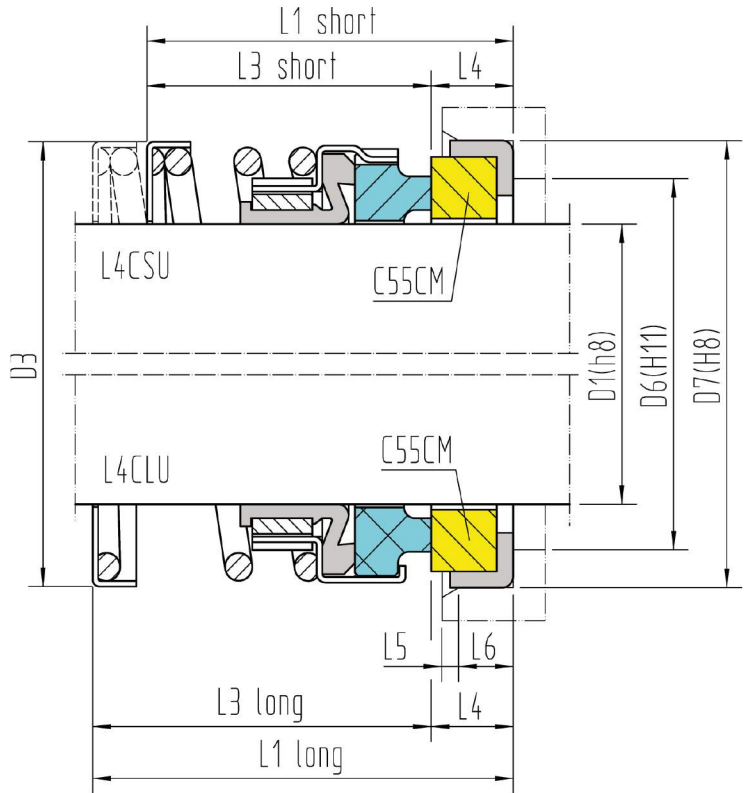
## European standards

European standards					C50CM		CWCN			
D1	D1 Inch	D6	D7	D3	L1 short	L3 short	L1 long	L3 long	L4	L6
10	0,375	11	24.6	21	34	25	53	44	9	7.5
12	0,500	13.5	27.8	22	34	25	53	44	9	7.5
14	-	17	30.95	25	35.5	25	54.5	44	10.5	9
15	-	17	30.95	25	35.5	25	54.5	44	10.5	9
16	0,625	17	30.95	27	35.5	25	54.5	44	10.5	9
18	0,750	20	34.15	31	35.5	25	54.5	44	10.5	9
20	-	21.5	35.7	32	35.5	25	54.5	44	10.5	9
22	0,875	23	37.3	34	35.5	25	54.5	44	10.5	9
24	-	26.5	40.5	39	35.5	25	54.5	44	10.5	9
25	1,000	26.5	40.5	39	35.5	25	54.5	44	10.5	9
28	1,125	29.5	47.65	43	45	33	72	60	12	10.5
30	-	32.5	50.8	44	45	33	72	60	12	10.5
32	1,250	32.5	50.8	46	45	33	72	60	12	10.5
33	-	36.5	54	47	45	33	72	60	12	10.5
35	1,375	36.5	54	50	45	33	72	60	12	10.5
38	1,500	39.5	57.15	53	45	33	72	60	12	10.5
40	1,625	42.5	60.35	56	45	33	72	60	12	10.5
42	-	46	63.5	61	53	41	83	71	12	10.5
43	1,750	46	63.5	61	53	41	83	71	12	10.5
45	-	46	63.5	62	53	41	83	71	12	10.5
48	1,875	49	66.7	65	53	41	83	71	12	10.5
50	2,000	52	69.85	68	54.5	41	84.5	71	13.5	12
53	2,125	55.5	73.05	71	54.5	41	84.5	71	13.5	12
55	2,250	58.5	76.2	72	54.5	41	84.5	71	13.5	12
58	-	61.5	79.4	79	54.5	41	84.5	71	13.5	12
60	2,375	61.5	79.4	79	54.5	41	84.5	71	13.5	12
	2,500	65	82.55	82	54.5	41	84.5	71	13.5	12
65	2,625	68	92.1	85	65	49	86	70	16	14.5
68	-	71	95.25	90	65	49	86	70	16	14.5
70	2,750	71	95.25	90	65	49	86	70	16	14.5
	2,875	74.5	98.45	-	68	52	89	73	16	14.5
75	3,000	77.5	101.6	97	68	52	89	73	16	14.5
	3,125	80.5	111.15	-	76	56	99	79	20	14.5
80	3,250	84	114.3	104	76	56	99	79	20	18.5
85	3,375	87	117.5	108	76	56	99	79	20	18.5
	3,500	90.5	120.65	-	76	56	99	79	20	18.5
90	3,625	93.5	123.85	112	79	59	103	83	20	18.5
95	3,750	96.5	127	120	79	59	103	83	20	18.5
	3,875	100	130.2	-	82	62	106	86	20	18.5
100	4,000	103	133.35	124	82	62	106	86	20	18.5

Elastomere bellows seals

# L4CSU-L4CLU

**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)

$p \leq$	12 bar
$t =$	$-20 \div 120^\circ\text{C}$
$v \leq$	10 m/s

US standards				C55CM						
D1 Inch	D6	D7	D3	L1 short	L3 short	L1 long	L3 long	L4	L6	L5
0,375	0.625	0.875	0.875	1,125	0.812	1,500	1,187	0.313	0.250	0.050
0,500	0.750	1,000	0.875	1,125	0.812	1,500	1,187	0.313	0.250	0.050
0,625	0.937	1,250	1,000	1,281	0.875	1,718	1,312	0.406	0.344	0.050
0,750	1.062	1.375	1,062	1,281	0.875	1,718	1,312	0.406	0.344	0.050
0,875	1.187	1,500	1,250	1,343	0.937	1,781	1,375	0.406	0.344	0.050
1,000	1.312	1.625	1,343	1,437	1,000	2,000	1,563	0.437	0.375	0.050
1,125	1.437	1,750	1,343	1,500	1,063	2,062	1,625	0.437	0.375	0.050
1,250	1.563	1,875	1,562	1,500	1,063	2,062	1,625	0.437	0.375	0.050
1,375	1.687	2,000	1,562	1,562	1,125	2,124	1,687	0.437	0.375	0.050
1,500	1.813	2.125	1,718	1,562	1,125	2,124	1,687	0.437	0.375	0.050
1,625	2,000	2.375	1,813	1,875	1,375	2,500	2,000	0.500	0.437	0.050
1,750	2.125	2,500	1,813	1,875	1,375	2,500	2,000	0.500	0.437	0.050
1,875	2,250	2.625	1,875	2,000	1,500	2,625	2,125	0.500	0.437	0.050
2,000	2.375	2,750	2,000	2,000	1,500	2,625	2,125	0.500	0.437	0.050
2,125	2.375	3,000	2,125	2,249	1,687	2,937	2,375	0.562	0.500	0.050
2,250	2.437	3.125	2,244	2,249	2,249	2,937	2,375	0.562	0.500	0.050
2,375	2.563	3,250	2,382	2,375	1,813	3,062	2,500	0.562	0.500	0.050
2,500	2.687	3,375	2,500	2,375	1,813	3,062	2,500	0.562	0.500	0.050
2,625	2.812	3,375	2,598	2,562	1,937	3,375	2,750	0.625	0.562	0.100
2,750	2.937	3,500	2,750	2,562	1,937	3,375	2,750	0.625	0.562	0.100
2,875	3.062	3,750	2,795	2,687	2,062	3,500	2,875	0.625	0.562	0.100
3,000	3.187	3,875	2,875	2,687	2,062	3,500	2,875	0.625	0.562	0.100
3,125	3.312	4,000	3,125	2,968	2,187	3,906	3,125	0.781	0.656	0.100
3,250	3.437	4.125	3,250	2,968	2,187	3,906	3,125	0.781	0.656	0.100
3,375	3.562	4,250	3,307	2,968	2,187	3,906	3,125	0.781	0.656	0.100
3,500	3.687	4.375	3,500	2,968	2,187	3,906	3,125	0.781	0.656	0.100
3,625	3.812	4,500	3,562	3,093	2,312	4,031	3,250	0.781	0.656	0.100
3,750	3.937	4.625	3,562	3,093	2,312	4,031	3,250	0.781	0.656	0.100
3,875	4.062	4,750	4,000	3,218	2,437	4,156	3,375	0.781	0.656	0.100
4,000	4.187	4.875	4,187	3,218	2,437	4,156	3,375	0.781	0.656	0.100

Elastomere bellows seals