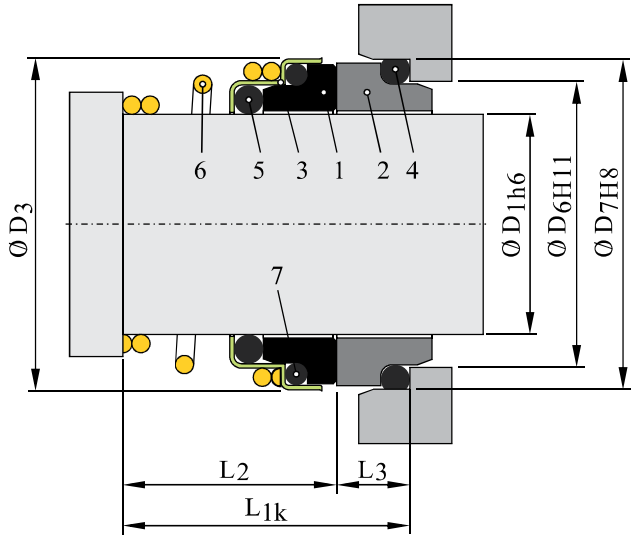
Type Simplex

O-ring pusher unbalanced mechanical seal
Independent of the shaft rotating direction



DESIGNATION	D1	D3	L2	D7	L3	D6	L1k
10	19.5	15	10	19.5		18.1	5.5	14	20.5
11	22.5	18	11	22.5	18	20.6	5.5	16.5	23.5
12	22.5	18	12	22.5	18	20.6	5.5	16.5	23.5
13	24.5	22	13	24.5	22	23.1	6	19	28
14	24.5	22	14	24.5	22	23.1	6	19	28
15	29	22	15	29	22	26.9	7	21	29
16	29	23	16	29	23	26.9	7	21	30
17	29	23	17	29	23	26.9	7	21	30
18	32.5	24	18	32.5	24	30.9	8	25	32
19	32.5	25	19	32.5	25	30.9	8	25	33
20	32.5	25	20	32.5	25	30.9	8	25	33
22	37.5	25	22	37.5	25	35.4	8	30	33
24	37.5	27	24	37.5	27	35.4	8	30	35
25	40	27	25	40	27	38.2	8.5	33	35.5
28	46	29	28	46	29	43.3	9	38	38
30	46	30	30	46	30	43.3	9	38	39
32	46	30	32	46	30	43.3	9	38	39
35	50	39	35	50	39	53.5	11.5	45	50.5

* Stared columns values do not meet DIN24960 (EN 12756) standard

PRODUCT DESCRIPTION

The mechanical seal, featuring a long compression ratio of the single conical coil spring, compensates for play and variations in working length. The rotary part is highly flexible and suitable for most applications, and the mechanical seal is easy to install.

WORKING CONDITION

The Simplex mechanical seal is designed for light working conditions, with pressure up to 10 bar and temperatures ranging from -40°C to 204°C. Our mechanical seals have proven especially effective with the following media: cold and hot water (up to 130°C), demineralized water, wastewater, beer, beer mash, malt, milk and dairy products, juice, and natural juice.

APPLICATION

Agriculture

Water treatment

Food industry

Item	Description
1.	Rotary seal ring
2.	Stationary seat
3.	Housing
4.	Secondary seal
5.	Secondary seal
6.	Spring
7.	Secondary seal

LIMITING FACTORS

D1= 10... 35 mm
p1= 10 bar
t=-30...204°C
Vg= 20 m/s

STANDARD STATIONARY SEATS