



type

D3__S

ALL DIMENSIONS ACC. TO
EN 12756 (DIN 24960)

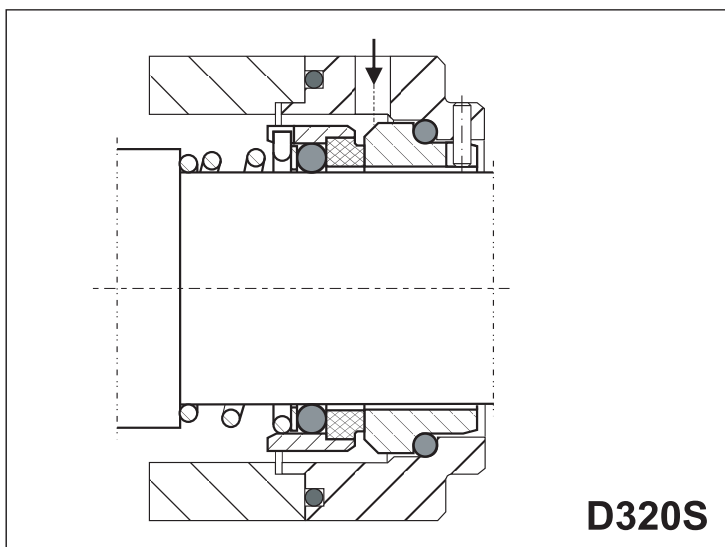
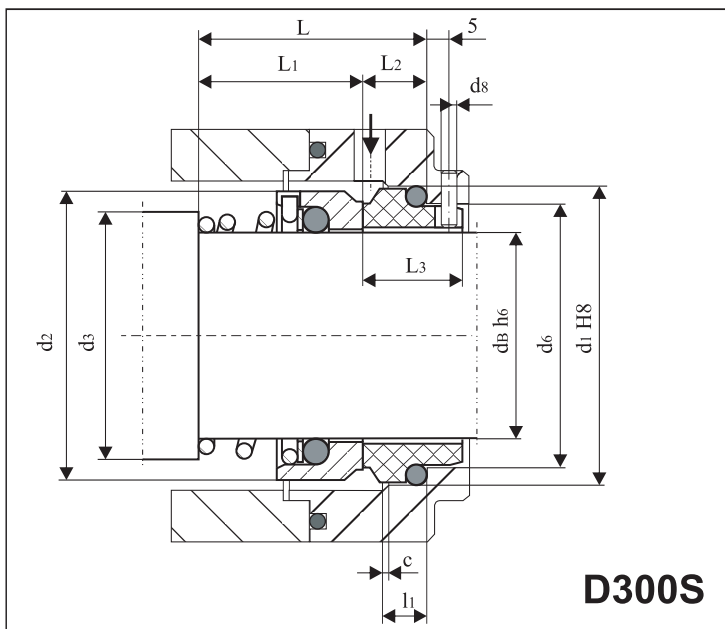
Unbalanced face, with single spring, dependent on direction of rotation. Stationary seat may or not be fixed with pin against turning.

OPERATING LIMITS

Pressure	- P=1,0 MPa
Temperature	- t= 240°C
Sliding speed	- V _n = 20 m/s
D377S	- V _n = 10 m/s

DESIGN FEATURES

- Sealing faces materials:
 - carbon graphite
 - tungsten carbide
 - silicon carbide
 - special stainless steels
- Secondary seals materials:
 - NB-rubber up to t=90°C (petrol, oil)
 - EP-rubber up to t=130°C (water, steam)
 - FPM - up to t=200°C (oil, corrosive solutions)
 - PTFE - up to t=240°C (highly corrosive solutions)
 - FEP Encapsulated - up to t=205°C
 - PFA Encapsulated - up to t=260°C
- All metal parts are made of stainless steel

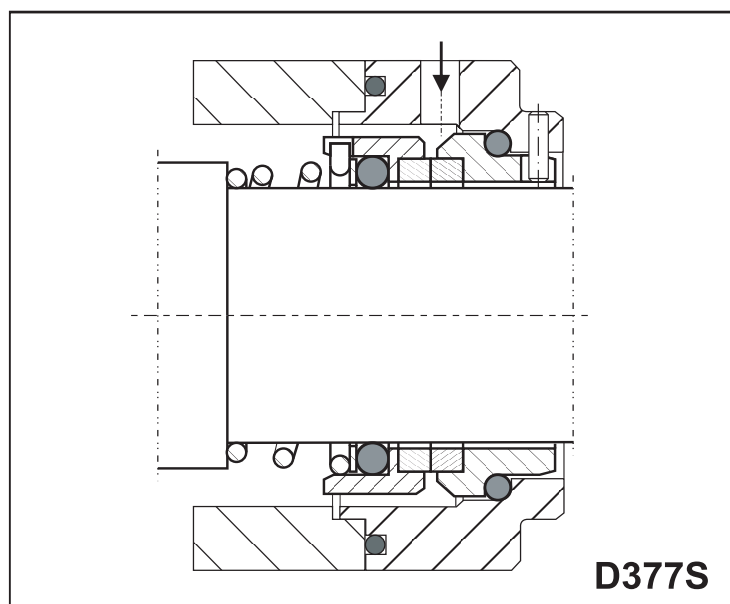


GENERAL DIMENSIONS (mm)

DB	d1	d2	d3	d6	L	L1	L2	L3	h1	C	L12
10	21	20	14	17	25,5	15,5	10,0	17,5	5,5	1,5	3
12	23	22	16	19	26,0	16,0	10,0	17,5	5,5	1,5	3
14	25	24	18	21	26,5	16,5	10,0	17,5	5,5	1,5	3
16	27	26	21	23	28,0	18,0	10,0	17,5	5,5	1,5	3
18	33	31	23	27	31,0	19,5	11,5	19,5	7,0	2,0	3
20	35	34	26	29	33,5	22,0	11,5	19,5	7,0	2,0	3
22	37	36	28	31	33,0	21,5	11,5	19,5	7,0	2,0	3
24	39	38	30	33	35,0	23,5	11,5	19,5	7,0	2,0	3
25	40	39	31	34	38,0	26,5	11,5	19,5	7,0	2,0	3
28	43	42	35	37	38,0	26,5	11,5	19,5	7,0	2,0	3
30	45	44	37	39	38,0	26,5	11,5	19,5	7,0	2,0	3
32	48	46	39	42	40,0	28,5	11,5	19,5	7,0	2,0	3
33	48	47	40	42	40,0	28,5	11,5	19,5	7,0	2,0	3
35	50	49	43	44	40,0	28,5	11,5	19,5	7,0	2,0	3
38	56	54	45	49	47,5	33,5	14,0	22,0	8,0	2,0	4
40	58	56	49	51	50,0	36,0	14,0	22,0	8,0	2,0	4
43	61	59	52	54	52,5	38,5	14,0	22,0	8,0	2,0	4
45	63	61	55	56	53,5	39,5	14,0	22,0	8,0	2,0	4
48	66	64	58	59	60,0	46,0	14,0	22,0	8,0	2,0	4
50	70	66	61	62	60,0	45,0	15,0	22,5	8,5	2,5	4
53	73	69	64	65	62,0	47,0	15,0	22,5	8,5	2,5	4
55	75	71	66	67	64,0	49,0	15,0	22,5	8,5	2,5	4
58	78	78	69	70	70,0	55,0	15,0	22,5	8,5	2,5	4
60	80	79	71	72	70,0	55,0	15,0	22,5	8,5	2,5	4
63	83	83	74	75	70,0	55,0	15,0	22,5	8,5	2,5	4
65	85	85	77	77	70,0	55,0	15,0	22,5	8,5	2,5	4
68	90	88	80	81	73,0	55,0	18,0	25,5	9,5	2,5	4
70	92	90	83	83	75,0	57,0	18,0	25,5	9,5	2,5	4
75	97	98	88	88	80,0	62,0	18,0	25,5	9,5	2,5	4
80	105	103	93	95	80,0	61,8	18,2	25,5	10	3,0	4

NOTES:

1. Permissible installing deviations of the L dimension up to ± 1 mm.
2. When placing an order specify the shaft rotation direction.
(From the stationary seat face point of view the shaft rotates to the right, if it moves clockwise).
3. See pages 45-49 for stationary seats type
4. See pages 50-51 for seals designation and material codes



Following range of seals also can be produced: D370S, D307S, D327S