



ЕДИНИЧНО
МЕХАНИЧНО
УПЛЪТНЕНИЕ

ТИП

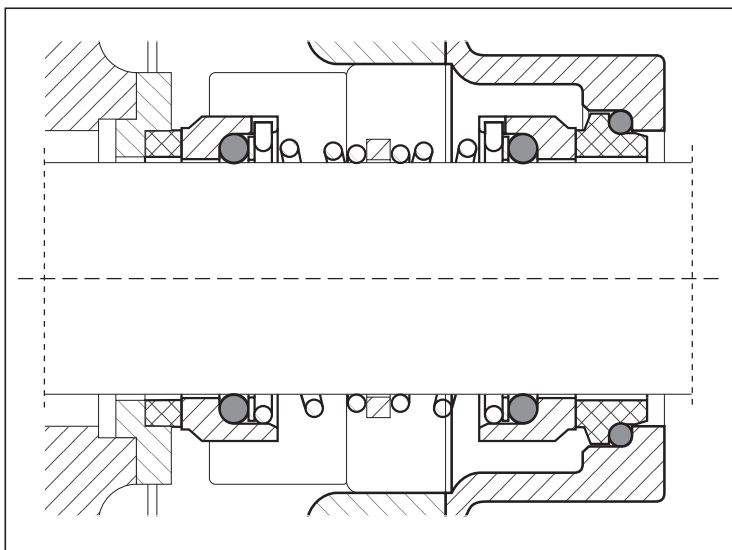
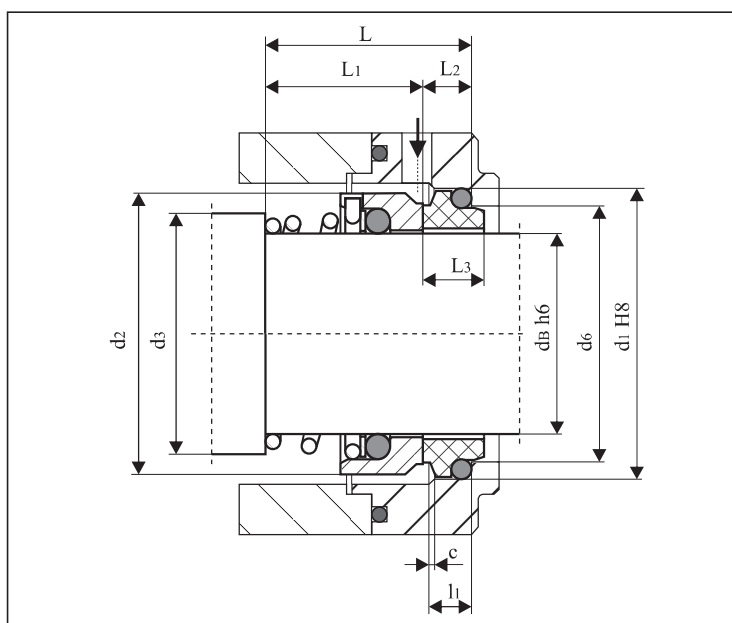
D300

С ПРИСЪЕДИНИТЕЛНИ РАЗМЕРИ
ПО EN 12756 (DIN 24960)

РАБОТНИ ПАРАМЕТРИ

Работно налягане	- $P = 1,0 \text{ MPa}$
Работна температура	- $T = 240^\circ\text{C}$
Скорост на плъзгане	- $V_n = 20 \text{ m/s}$

Тяло от масивен метал, неразтоварено,
с централна пружина, зависимо от
посоката на въртене.



КОНСТРУКТИВНИ ОСОБЕНОСТИ

1. Материали за триещите елементи:

- графит;
- техническа керамика
- волфрамов карбид;
- специални неръждаеми стомани
- силициев карбид.

2. Материал за "О" пръстените:

- NB-каучук до $t=90^\circ\text{C}$
(бензин, масло);
- EP-каучук до $t=120^\circ\text{C}$
(вода, пара);
- FPM-(Витон) до $t=220^\circ\text{C}$
(масло, агресивни разтвори);
- PTFE-(Тефлон) до $t=240^\circ\text{C}$
(силно агресивни среди).

3. Всички метални детайли са
изработени от неръждаема стомана.

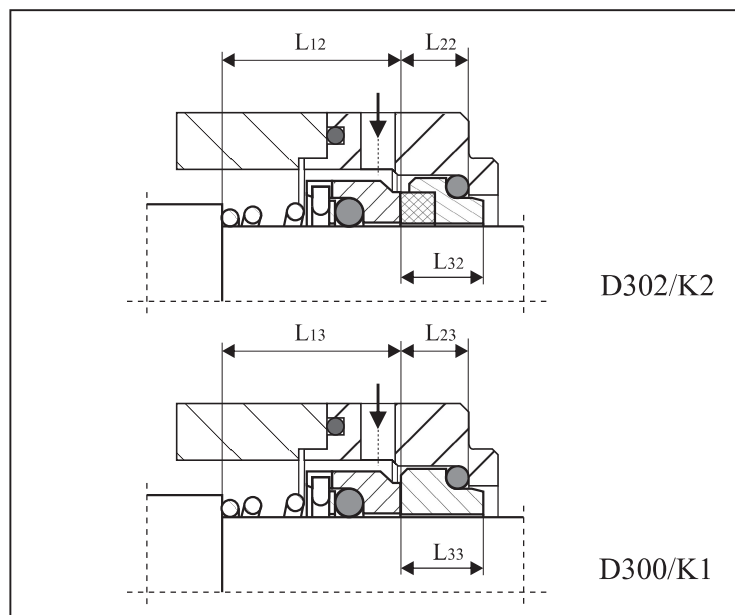
Примерно приложение на механични
уплътнения тип D300 по система
"гръб с гръб"

ОСНОВНИ РАЗМЕРИ (мм)

dB	d1	d2	d3	d6	L	L1	L2	L3	l1	C	L12	L22	L32	L13	L23	L33
6	16,0	14	8	11,5	17,5	10,5	7,1	9,0	5,0	1,2	-	-	-	11,9	5,6	8,0
8	19,2	18	11	15,5	22,5	15,5	7,1	9,0	5,0	1,2	-	-	-	16,9	7,0	8,0
10	19,2	19	13	15,5	22,5	15,5	7,1	9,0	5,0	1,2	-	-	-	16,9	6,6	8,0
12	21,6	21	16	17,5	23,0	15,5	7,6	10,0	5,0	1,2	-	-	-	17,4	5,6	8,0
14	24,6	23	18	20,5	23,0	15,5	7,6	10,0	5,0	1,2	-	-	-	17,4	5,6	8,0
15	24,6	24	19	20,5	24,0	15,5	8,6	11,0	5,0	1,2	-	-	-	17,4	6,6	9,0
16	28,0	26	21	22,0	26,5	17,5	9,0	11,5	6,5	1,5	16,5	10,0	12,5	19,5	7,5	9,5
18	30,0	29	23	24,0	28,5	18,5	10,0	12,5	6,5	1,5	18,0	10,5	13,5	20,5	8,0	10,5
20	35,0	31	26	29,5	29,5	20,0	9,5	12,5	6,5	1,5	19,0	10,5	13,5	22,0	7,5	10,0
22	35,0	33	28	29,5	31,0	21,5	9,5	12,5	6,5	1,5	20,5	10,5	13,5	23,5	7,5	10,0
24	38,0	35	30	32,0	32,5	23,0	9,5	12,5	6,5	1,5	22,0	10,5	13,5	25,0	7,5	10,0
25	38,0	36	31	32,0	34,0	24,5	9,5	12,5	6,5	1,5	23,5	10,5	13,5	26,5	7,5	10,0
26	40,0	37	32	34,0	34,5	24,5	10,0	13,0	6,5	1,5	23,5	11,0	14,0	26,5	8,0	10,5
28	42,0	40	35	36,0	35,5	24,5	11,0	14,0	6,5	1,5	24,5	11,0	14,0	26,5	9,0	11,5
30	45,0	43	37	39,2	35,5	24,5	11,0	14,0	6,5	1,5	24,5	11,0	14,0	25,0	10,5	13,0
32	48,0	46	39	42,2	39,0	28,0	11,0	14,0	6,5	1,5	28,0	11,0	14,0	28,5	10,5	13,0
35	52,0	49	43	46,2	39,5	28,0	11,5	14,5	6,5	1,5	28,0	11,5	14,5	28,5	11,0	13,5
38	55,0	53	47	49,2	42,5	31,0	11,5	14,5	6,5	1,5	31,0	11,5	14,5	32,2	10,3	13,0
40	58,0	56	49	52,2	45,5	34,0	11,5	14,5	6,5	1,5	34,0	11,5	14,5	34,7	10,8	13,5
42	62,0	59	52	53,3	49,3	35,0	14,3	17,0	8,0	2,0	35,0	14,3	17,0	37,3	12,0	14,5
45	64,0	61	55	55,3	50,8	36,5	14,3	17,0	8,0	2,0	36,5	14,3	17,0	39,2	11,6	14,5
48	68,4	64	58	59,7	56,3	42,0	14,3	17,0	8,0	2,0	42,0	14,3	17,0	44,7	11,6	14,5
50	69,3	66	61	60,8	57,3	43,0	14,3	17,0	8,0	2,0	43,0	14,3	17,0	45,7	11,6	14,5
55	75,4	71	66	66,5	62,3	47,0	15,3	18,0	8,0	2,0	47,0	15,3	18,0	49,0	13,3	16,0
58	78,4	76	69	69,5	65,3	50,0	15,3	18,0	8,0	2,0	50,0	15,3	18,0	52,0	13,3	16,0
60	80,4	78	71	71,5	66,3	51,0	15,3	18,0	8,0	2,0	51,0	15,3	18,0	53,0	13,3	16,0
65	85,4	84	77	76,5	67,3	52,0	15,3	18,0	8,0	2,0	52,0	15,3	18,0	54,3	13,0	16,0
68	91,5	88	80	82,7	69,0	53,0	16,0	19,0	8,0	2,0	52,7	16,3	19,0	55,3	13,7	16,0
70	92,0	90	83	83,0	69,3	54,0	15,3	18,0	8,0	2,0	54,0	15,3	18,0	56,3	13,0	16,0
75	99,0	98	88	90,2	70,3	55,0	15,3	18,0	8,0	2,0	54,0	16,3	19,0	56,3	14,0	17,0
80	104,0	100	93	95,2	74,3	58,0	16,3	19,0	8,0	2,0	58,0	16,3	19,0	59,3	15,0	17,5

ЗАБЕЛЕЖКИ :

1. Допустими монтажни отклонения на размера L1 - до +/- 1 мм.
2. При заявяване да се посочи посоката на въртене на вала.
(Гледано от страна на контратялото, вала е с дясно въртене, ако той се движи по посока на часовниковата стрелка).



Изпълнение D300 с контратела
тип: K1 и K2.

Изработва се и с контратела
тип: K5, K6, K8, K9