

FBD

- ◎ 单端面
- ◎ 非平衡型
- ◎ 任意旋向
- ◎ 橡胶波纹管

FBD系列机械密封由于采用单弹簧不易堵塞,提高了旋转环的浮动性从而减少了补偿阻力,适用于油、水及其它弱腐蚀性介质中。

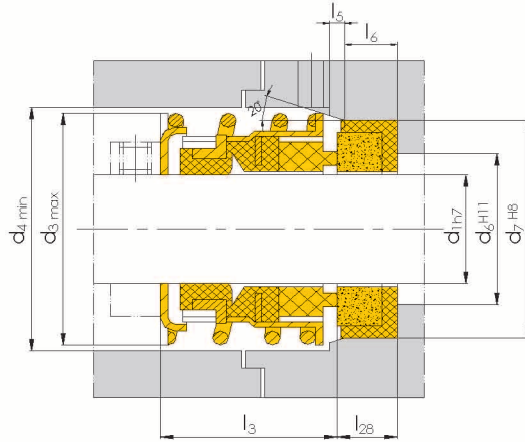
Single seal

Unbalanced

Independent of direction of rotation

Rubber bellows

FBD mechanical seal series is uneasy to be blocked due to its single spring structure. It has advanced rotating ring floatability so that reduced compensational resistance. This series is suitable for oil, water and other weak corrosive medium.



运行参数

规格: 16~120 mm
 压力: ≤ 1.2 Mpa
 温度: $-20 \sim 150^\circ\text{C}$
 线速度: ≤ 10 m/s
 轴向窜动量: ± 1.0 mm

Operating limits

Specification: 16~120 mm
 Pressure: ≤ 1.2 Mpa
 Temperature: $-20 \sim 150^\circ\text{C}$
 Linear speed: ≤ 10 m/s
 Axial movement: ± 1.0 mm

材料组合

密封端面: 石墨、碳化硅、碳化钨、氧化铝、不锈钢
 辅助密封: 丁腈胶、氟橡胶、乙丙胶
 金属构件: 不锈钢

Combination of materials

Sealing face: Graphite, Silicon carbide, Tungsten carbide, Aluminum oxide, Stainless steel
 Secondary sealing: Acrylonitrile rubber, Fluorine rubber, Ethylene propylene rubber
 Metal component: Stainless steel

单位 (Unit): mm

d ₁	d ₃	d ₄	d ₆	d ₇	l ₃	l ₅	l ₆	l ₂₈
16	34.0	37	18	30	25	1.5	6	8
18	36.8	40	20	32	25	2.0	6	8
20	38.8	42	22	34	25	2.0	6	8
22	41.5	45	24	36	25	2.0	6	8
25	44.8	48	27	39	26	2.0	6	8
28	48.5	52	30	43	26	2.0	6	8
30	52.0	55	32	48	26	2.0	7	8
35	57.0	60	37	53	30	2.0	8	10
40	67.0	70	42	58	34	2.0	8	10
45	73.0	76	47	63	36	2.0	8	10
50	79.0	81	52	68	41	2.5	8	10
55	84.0	87	57	73	41	2.5	10	12
60	90.0	95	62	79	41	2.5	10	12
65	98.5	104	67	86	49	2.5	10	12
70	103.5	109	72	91	52	2.5	10	12
75	110.5	116	77	96	52	2.5	10	12
80	120.0	125	82	105	56	3.0	12	14
85	125.0	130	87	110	56	3.0	12	14
90	132.0	137	92	115	56	3.0	12	14
95	137.0	142	97	120	56	3.0	12	14
100	144.0	149	102	125	62	3.0	12	14
110	157.0	162	112	135	62	3.0	14	16
120	169.5	175	122	145	72	3.0	14	16

* 配用其它非补偿环尺寸,请参照“可选非补偿环结构型式”(P52-P53页)

Please refer to the optional non-compensated ring structural specification for the details of other non compensated dimensions(P52-P53)