

## 104 Mechanical Seal for Chemical Centrifugal Pumps, Screw Pumps, and Sewage Pumps 104型机械密封



**Structural Features:** single end, single spring, unbalanced, independent direction of rotation, lug transmission.

This component has chemical resistance, a simple structure and high reliability.

**结构特点:** 单端面, 单弹簧, 非平衡型, 凸耳传动。结构简单, 适用范围广, 性能稳定, 耐腐蚀能力强, 寿命长。

**Standards:** JB/T1472

符合标准: JB/T1472

**Scopes of Application:** designed for chemical pumps, screw pumps, oil pumps, and paper making equipment, mainly used in oil refining, chemical engineering, chemical product transportation, water treatment, chemical fiber and other industries.

**应用领域:** 广泛应用于石油、化工、化工运输、水处理, 化纤等行业。可同化工泵、螺杆泵、油泵、造纸设备等旋转设备配套。

**Inner Diameter:** 16 mm to 120 mm

规格范围: 16 mm - 120 mm

### Materials

Rotary Ring Face: SiC/TC

Stationary Ring Face: Carbon/SiC/TC

Elastomers: NBR/EPDM/Viton/PTFE

Springs: SS304/SS316

Metal Parts: SS304/SS316/SS316L

材料

旋转环端面: 碳化硅/碳化钨

静止环端面: 石墨/碳化硅/碳化钨

辅助密封: 丁腈橡胶/三元乙丙胶/氟橡胶/聚四氟乙烯

弹簧: SS304/SS316

金属部件: 410S/SS304/SS316/SS316L

### Operation Parameters

Pressure:  $\leq 0.8$  MPa

Temperature:  $-20 \sim 150$  °C

Linear Speed:  $\leq 15$  m/s

运行参数

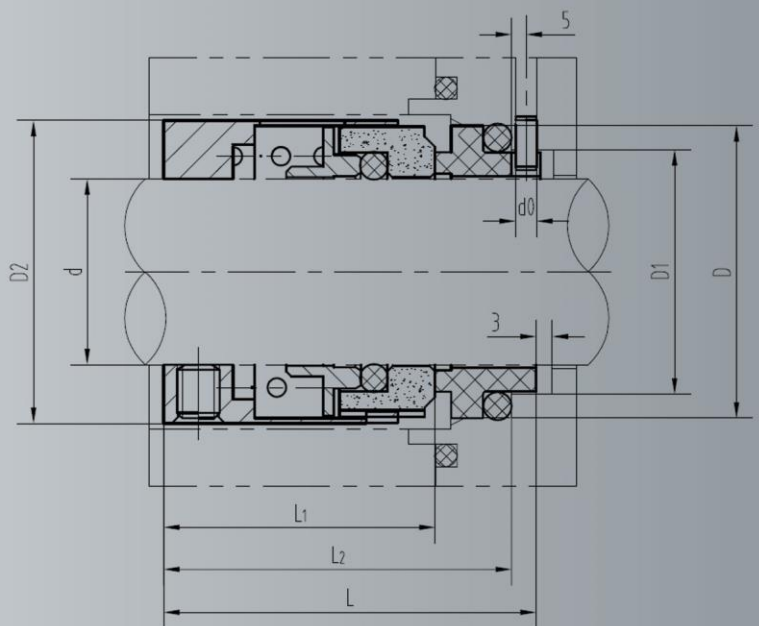
压力:  $\leq 0.8$  MPa

温度:  $-20 \sim 150$  °C

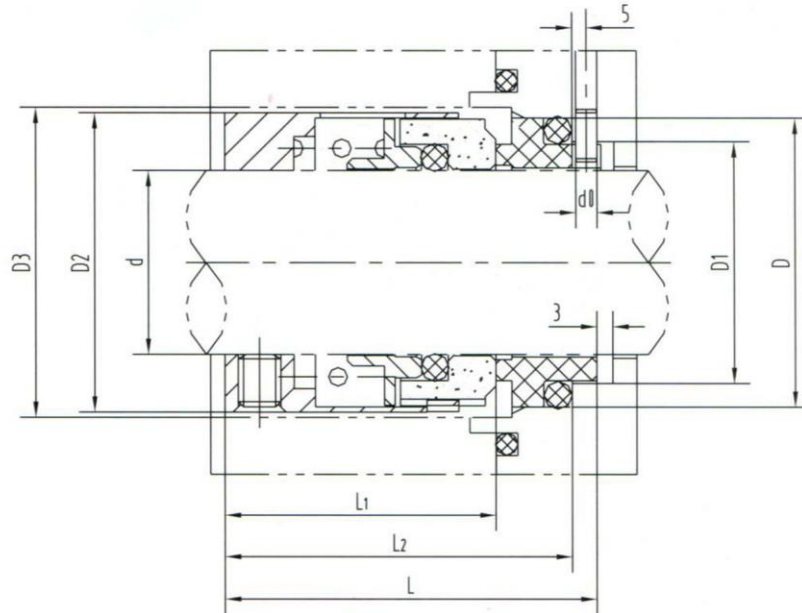
线速度:  $\leq 15$  m/s

**Mediums:** oil, water, amorphism acid, alkali, salt, and organic solvents.

适用介质: 水、油、非结晶性酸、碱、盐、有机溶剂等。



## 104 Mechanical Seal Dimension Chart - 104型机械密封尺寸对照表



Dimensions	d	D	D1	D2	D3	L	L1	L2	d0
Shaft Sizes	h6	H8	H11						
16	16	33	25.5	33	36	53	37	49	3
18	18	36	28.5	35	38	56	40	52	3
20	20	40	30.5	37	40	59	40	54	3
22	22	42	32.5	39	42	62	43	57	3
25	25	45	35.5	42	45	62	43	57	3
28	28	48	38.5	45	48	63	44	58	3
30	30	50	40.5	52	55	68	49	63	3
35	35	55	45.5	57	60	70	51	65	3
40	40	60	50.5	62	65	73	54	68	4
45	45	65	55.5	67	70	79	60	74	4
50	50	70	60.5	72	75	82	63	77	4
55	55	75	65.5	77	80	84	65	79	4
60	60	80	70.5	82	85	84	65	79	4
65	65	90	80.5	92	95	96	74	91	4
70	70	97	85.5	97	100	101	76	95	4
75	75	102	90.5	102	105	101	76	95	4
80	80	107	95.5	107	110	106	81	100	4
85	85	112	100.5	112	115	107	82	101	4
90	90	117	105.5	117	120	108	83	102	4
95	95	122	110.5	122	125	108	83	102	4
100	100	127	115.5	127	130	108	83	102	4
110	110	142	130.5	141	145	132	105	126	5
120	120	152	140.5	151	155	132	105	126	5