

BGMFL65



- ◎ 单端面
- ◎ 平衡型
- ◎ 任意旋向
- ◎ 金属波纹管

BGMFL65系列运用于高温高速工况. 扭矩的传递不影响波纹管. 没有其它弹性元件构成次级密封. 非补偿环可特殊设计.

Single seal

Balanced

Independent of direction of rotation

Metal bellows

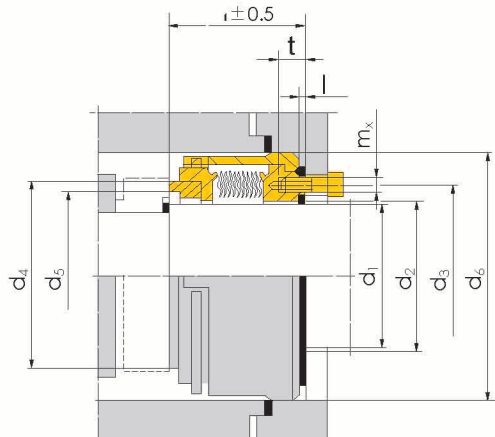
BGMFL65 series is developed for high temperature range and sliding velocity. The transmission of torque exerts no strain on bellows. It does not require rubber secondary seal. The non-compensational ring can be designed specifically.

注:当波片受内压时,温度<60°C,机封承压1.0Mpa;温度<120°C,机封承压0.7Mpa;温度<220°C,机封承压0.5Mpa

- 1)高压超过范围请与公司联系.
- 2)正确选用非补偿环.

Note: When the wave plate accepts the pressure from inside, the temperature<60°C, the pressure is 1.0Mpa; the temperature<120°C, the pressure is 0.7Mpa; the temperature<220°C, the pressure is 0.5Mpa.

- 1)Higher pressures possible with special designs-please refer to Bogeman.
- 2)Positively retained stationary seat.



运行参数

规格: 19~100mm
 压力: ≤2.5 Mpa
 (双层波片 ≤5 Mpa)
 温度: -20~400°C
 线速度: ≤50 m/s
 轴向窜动量: ±1.0 mm

材料组合

密封端面:

石墨、碳化硅、碳化钨、

辅助密封:

丁腈胶、氟橡胶、乙丙胶、硅橡胶、柔性石墨、PTFE

金属构件:

不锈钢、合金钢

Operating limits

Specification: 19~100 mm
 Pressure: ≤2.5 Mpa
 (Double layer wave plate ≤5 Mpa)
 Temperature: -20~400°C
 Linear speed: ≤50 m/s
 Axial movement: ±1.0 mm

Combination of materials

Sealing face

Graphite, Silicon carbide, Tungsten carbide

Secondary sealing

Acrylonitrile rubber, Fluorine rubber, Ethylene propylene rubber, silicon rubber, Flexible graphite, PTFE

Metal component

Stainless steel, Alloy steel

单位 (Unit): mm

Nom. Φ	d ₁	d ₂	d ₃	d ₄	d ₅	d ₆	l	nxmx	t
19	16-19	20.5	29	30.3	25.3	45.0	33.5	4xM4	6
24	20-24	25.5	35	38.8	33.8	49.0	33.5	4xM4	6
30	25-30	31.5	40	43.6	38.6	55.0	34.5	6xM4	6
35	31-35	36.0	45	45.8	40.8	59.0	33.0	6xM4	6
40	36-40	41.0	50	51.5	46.5	65.0	30.5	6xM4	6
45	41-45	46.0	55	55.2	50.2	69.0	35.5	6xM4	6
51	46-51	52.0	63	64.7	59.7	76.5	40.5	6xM5	7
60	52-60	61.0	70	70.6	65.6	84.0	32.0	6xM5	7
70	61-70	71.0	80	82.8	76.8	95.0	38.0	6xM5	7
82	71-82	83.5	95	98.0	92.0	112.0	41.0	6xM6	7
88	83-88	89.5	100	107.7	101.7	120.0	47.0	6xM6	7
100	89-100	101.0	112	112.7	106.7	130.0	47.0	6xM6	7

BGMFL65型属静止式结构,其动环型式和结构尺寸根据客户泵腔或设备空间来设计,客户可以提供自行设计方案.

BGMFL65 is static structure. Its rotor ring and structure dimension can be designed according to the pump chamber of client or the space of equipment, and the client also can provide his own scheme.