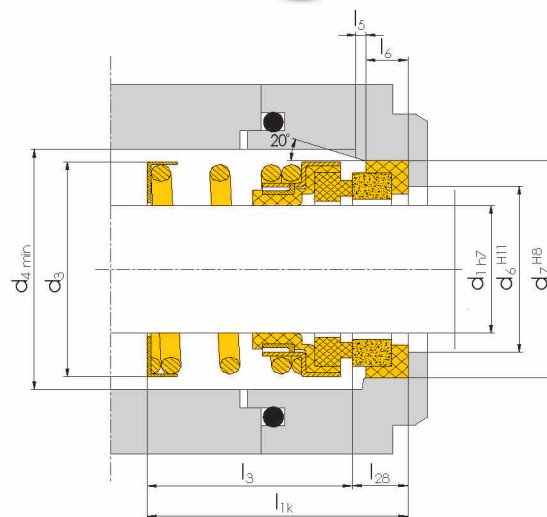


# BGM108

- ◎ 单端面
- ◎ 非平衡型
- ◎ 任意旋向
- ◎ 橡胶波纹管

BGM108系列采用橡胶波纹管做次级密封,并兼传递扭矩力,通过双补偿环背靠背组对,可成为BGM208密封,常用于潜水泵。



**Single seal**  
**Unbalanced**  
**Independent of direction of rotation**  
**Rubber bellows**

BGM108 series uses rubber bellows for secondary seal and torque transmission. It can be changed to BGM208 mechanical seal by using back-to-back double compensational ring assembly. This seal is commonly used in submerged pumps.

### 运行参数

规格: 10~55 mm  
 压力:  $\leq 0.8$  Mpa  
 温度:  $-20 \sim 120^\circ\text{C}$   
 线速度:  $\leq 10$  m/s  
 轴向窜动量:  $\pm 1.0$  mm

### Operating limits

Specification: 10~55 mm  
 Pressure:  $\leq 0.8$  Mpa  
 Temperature:  $-20 \sim 120^\circ\text{C}$   
 Linear speed:  $\leq 10$  m/s  
 Axial movement:  $\pm 1.0$  mm

### 材料组合

**密封端面:**  
 石墨、碳化硅、碳化钨、氧化铝  
**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  
**Secondary sealing**  
 Acrylonitrile rubber, Fluorine rubber, Ethylene propylene rubber  
**Metal component**  
 Stainless steel

单位 (Unit): mm

d <sub>1</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>6</sub>	d <sub>7</sub>	l <sub>1k</sub>	l <sub>3</sub>	l <sub>5</sub>	l <sub>6</sub>	l <sub>28</sub>
10	20	22	17	21	20	15	1.5	4	5
11	22	24	19	23	20	15	1.5	4	5
12	22	24	19	23	20	15	1.5	4	5
14	24.5	26	21	25	25	20	1.5	4	5
15	26.5	28	23	27	25	20	1.5	4	5
16	26.5	28	23	27	25	20	1.5	4	5
17	32	34	27	33	25	20	1.5	4	5
18	32	34	27	33	25	20	2	5	5
19	34	36	29	35	25	20	2	5	5
20	34	36	29	35	25	20	2	5	5
22	36	38	31	37	28	22	2	5	6
25	39	41	34	40	32	25	2	5	7
28	42	44	37	43	35	28	2	5	7
30	44	46	39	45	35	28	2	5	7
35	49	51	44	50	37	29	2	5	8
40	56	60	51	58	40	31	2	6	9
45	61	63	56	63	40	31	2	6	9
50	67	70	62	70	45	35.5	2.5	6	9.5
55	72	75	67	75	45	35.5	2.5	6	9.5

\* 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)