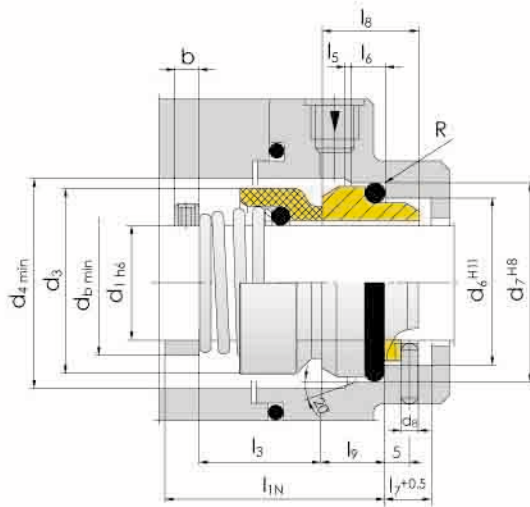


- ◎ 单端面
- ◎ 非平衡型
- ◎ 锥形弹簧
- ◎ 固定旋向
- ◎ 符合EN12756 (DIN24960) 标准

BGM2系列的机械密封,其旋转环为石墨,主要适用于介质为水的循环泵和加热系统,静环可选配G4、G6、G9等型式。

**Single seal**  
**Unbalanced**  
**Conical spring**  
**Dependent on direction of rotation**  
**To EN12756 (DIN24960)**

BGM2 mechanical seal series features a graphite seal face. It is mainly used in circulating pumps for water and heating systems. The stationary ring can be selected among G4, G6, G9 and other types.



### 运行参数

规格: 6~38 mm  
 压力:  $\leq 1.0$  Mpa  
 温度:  $-20 \sim 180^\circ\text{C}$   
 线速度:  $\leq 15$  m/s  
 轴向窜动量:  $\pm 1.0$  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、PTFE

#### 金属构件:

不锈钢

### Operating limits

Specification: 6~38 mm  
 Pressure:  $\leq 1.0$  Mpa  
 Temperature:  $-20 \sim 180^\circ\text{C}$   
 Linear speed:  $\leq 15$  m/s  
 Axial movement:  $\pm 1.0$  mm

### Combination of materials

#### Sealing face

Graphite, Silicon carbide, Tungsten carbide, Aluminum oxide, Stainless steel

#### Secondary sealing

Acrylonitrile rubber, Fluorine rubber, Ethylene propylene rubber, PTFE

#### Metal component

Stainless steel

单位 (Unit): mm

d <sub>1</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	d <sub>7</sub>	d <sub>8</sub>	d <sub>9</sub>	l <sub>1N</sub>	l <sub>3</sub>	l <sub>5</sub>	l <sub>6</sub>	l <sub>7</sub>	l <sub>8</sub>	l <sub>9</sub>	b	R
6	15	18	-	-	-	8	-	-	-	-	-	-	-	-	1.2
8	18	20	-	-	-	11	-	-	-	-	-	-	-	-	1.2
10	20	22	17	21	3	13	40	17.5	1.5	4	8.5	17.5	10.0	8	1.2
12	22	24	19	23	3	16	40	17.5	1.5	4	8.5	17.5	10.0	8	1.2
14	25	26	21	25	3	18	40	17.5	1.5	4	8.5	17.5	10.0	8	1.2
15	27	28	-	-	-	19	-	-	-	-	-	-	-	-	1.2
16	27	28	23	27	3	21	40	19.5	1.5	4	8.5	17.5	10.0	8	1.5
18	30	34	27	33	3	23	45	20.5	2.0	5	9.0	19.5	11.5	8	1.5
20	32	36	29	35	3	26	45	22.0	2.0	5	9.0	19.5	11.5	8	1.5
22	35	38	31	37	3	28	45	23.5	2.0	5	9.0	19.5	11.5	8	1.5
24	38	40	33	39	3	30	50	25.0	2.0	5	9.0	19.5	11.5	8	1.5
25	40	41	34	40	3	31	50	26.5	2.0	5	9.0	19.5	11.5	8	1.5
26	41	44	-	-	-	32	-	-	-	-	-	-	-	-	1.5
28	43	44	37	43	3	35	50	26.5	2.0	5	9.0	19.5	11.5	8	1.5
30	47	48	-	-	-	37	-	-	-	-	-	-	-	-	1.5
32	48	50	-	-	-	39	-	-	-	-	-	-	-	-	1.5
35	53	54	-	-	-	43	-	-	-	-	-	-	-	-	1.5
38	56	58	-	-	-	47	-	-	-	-	-	-	-	-	1.5

\* 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(P52-53)