

# BGMH12

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

BGMH12系列机械密封是应用广泛的平衡型结构.特点与BGM3系列相同.结构可靠.适用于化工和水泵领域。

## Single seal

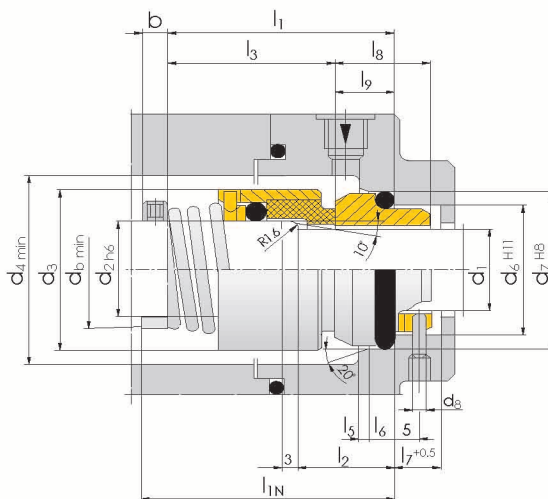
## Balanced

## Dependent on direction of rotation

## Conical spring

## To EN12756 (DIN24960)

BGMH12 series mechanical seal is designed with commonly used balanced structure. Its features are similar to BGM3 series. This seal has reliable structure and is suitable for chemical pumps and water pumps.



### 运行参数

规格: 10~80 mm  
 压力:  $\leq 2.5$  Mpa  
 温度:  $-80 \sim 220^\circ\text{C}$   
 线速度:  $\leq 15$  m/s  
 轴向窜动量:  $\pm 1.0$  mm

### Operating limits

Specification: 10~80 mm  
 Pressure:  $\leq 2.5$  Mpa  
 Temperature:  $-80 \sim 220^\circ\text{C}$   
 Linear speed:  $\leq 15$  m/s  
 Axial movement:  $\pm 1.0$  mm

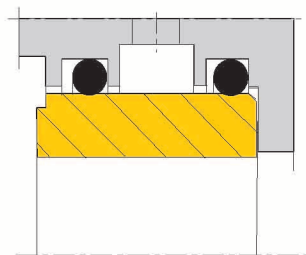
### 材料组合

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、PTFE  
 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, PTFE  
 Metal component  
 Stainless steel

### 可改变静止环结构

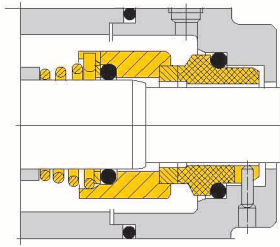


G115静止环  
 G115 stator ring

### Variable structure of stationary ring

标准G9静环改用G115型静环时,用在热水泵上,能有效增大冷却效果,该组合密封型号为BGMH127G115。

When the G115 stator ring is instead of G9 in the hot water pump, it will improve the cooling effect. The seal type is BGMH127G115.



**BGMH17GN**

BGMH17GN是BGMH12的派生型号,其动环由碳化物镶嵌,静止环为G93型,使用温度: -20~100°C。

BGMH17GN is the derivative type of BGMH12. Its rotor ring is beset by carbide and the stator ring is type G93. The using temperature: -20~100°C

单位 (Unit): mm

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>6</sub>	d <sub>7</sub>	d <sub>8</sub>	d <sub>b</sub>	l <sub>1N</sub>	l <sub>1</sub>	l <sub>2</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
10	14	24	26	17	21	3	18	50	35.5	18	25.5	1.5	4	8.5	17.5	10.0	8.0
12	16	26	28	19	23	3	21	50	36.5	18	26.5	1.5	4	8.5	17.5	10.0	8.0
14	18	31	34	21	25	3	23	55	39.5	18	29.5	1.5	4	8.5	17.5	10.0	8.0
16	20	34	36	23	27	3	26	55	41.0	18	31.0	1.5	4	8.5	17.5	10.0	8.0
18	22	36	38	27	33	3	28	55	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
20	24	38	40	29	35	3	30	60	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
22	26	40	42	31	37	3	31	60	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
24	28	42	44	33	39	3	35	60	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
25	30	44	46	34	40	3	37	60	45.0	20	33.5	2.0	5	9.0	19.5	11.5	8.0
28	33	47	49	37	43	3	40	65	47.0	20	35.5	2.0	5	9.0	19.5	11.5	8.0
30	35	49	51	39	45	3	43	65	47.0	20	35.5	2.0	5	9.0	19.5	11.5	8.0
32	38	54	58	42	48	3	45	65	51.0	20	39.5	2.0	5	9.0	19.5	11.5	7.5
33	38	54	58	42	48	3	45	65	51.0	20	39.5	2.0	5	9.0	19.5	11.5	7.5
35	40	56	60	44	50	3	49	65	55.0	20	43.5	2.0	5	9.0	19.5	11.5	8.0
38	43	59	63	49	56	4	52	75	60.0	23	46.0	2.0	6	9.0	22.0	14.0	7.5
40	45	61	65	51	58	4	55	75	62.0	23	48.0	2.0	6	9.0	22.0	14.0	8.0
43	48	64	68	54	61	4	58	75	65.0	23	51.0	2.0	6	9.0	22.0	14.0	8.0
45	50	66	70	56	63	4	61	75	69.0	23	55.0	2.0	6	9.0	22.0	14.0	(8)
48	53	69	73	59	66	4	64	85	69.0	23	55.0	2.0	6	9.0	22.0	14.0	8.0
50	55	71	75	62	70	4	66	85	73.0	25	58.0	2.5	6	9.0	23.0	15.0	8.0
53	58	78	83	65	73	4	69	85	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
55	60	79	85	67	75	4	71	85	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
58	63	83	88	70	78	4	74	85	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
60	65	85	90	72	80	4	77	95	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
63	68	88	93	75	83	4	80	95	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
65	70	90	95	77	85	4	83	95	76.0	25	61.0	2.5	6	9.0	23.0	15.0	10.0
70	75	98	104	83	92	4	88	95	81.0	28	63.0	2.5	7	9.0	26.0	18.0	10.0
75	80	103	109	88	97	4	93	105	86.0	28	68.0	2.5	7	9.0	26.0	18.0	10.0
80	85	109	114	95	105	4	98	105	86.0	28	68.0	3.0	7	9.0	26.2	18.2	10.0

\* 配有其它非补偿环尺寸,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)