

# BGMHJ92

- ◎ 单端面
- ◎ 平衡型
- ◎ 任意旋向
- ◎ 弹簧与介质隔离
- ◎ 符合EN12756 (DIN24960) 标准

BGMHJ92系列机械密封适用于含固体颗粒和高粘度介质,如制糖、造纸、污水等工业。弹簧不与介质接触,不会产生粘住和阻尼现象,运行稳定,安全可靠。

## Single seal

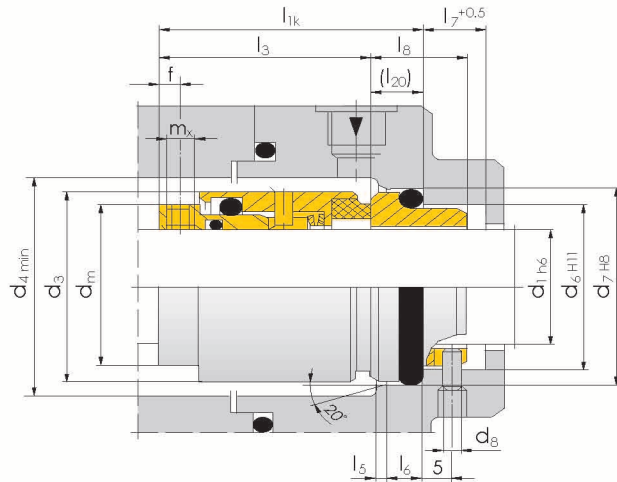
## Balanced

## Independent of direction of rotation

## Spring product Protected

## To EN12756 (DIN24960)

BGMHJ92 series mechanical seal is suitable for high viscosity and solids containing medium in sugar industry, paper-making industry and waste water treatment. Its spring does not come into contact with the medium so that the seal can be used reliably and safely due to free of bonding and friction.



### 运行参数

规格: 18~100 mm  
 压力:  $\leq 2.5$  Mpa  
 温度:  $-20 \sim 220^\circ\text{C}$   
 线速度:  $\leq 20$  m/s  
 轴向窜动量:  $\pm 0.5$  mm

### Operating limits

Specification: 18~100 mm  
 Pressure:  $\leq 2.5$  Mpa  
 Temperature:  $-20 \sim 220^\circ\text{C}$   
 Linear speed:  $\leq 20$  m/s  
 Axial movement:  $\pm 0.5$  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、硅橡胶、PTFE

#### 金属构件:

不锈钢

### Combination of materials

#### Sealing face

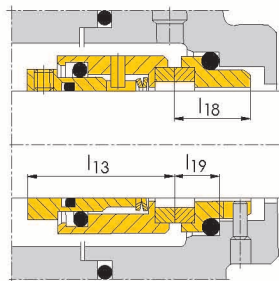
Graphite, Silicon carbide, Tungsten carbide, Aluminum oxide

#### Secondary sealing

Acrylonitrile rubber, Fluorine rubber, Ethylene propylene rubber, Silicon rubber, PTFE

#### Metal component

Stainless steel



## BGMHJ977GN

### 运行参数

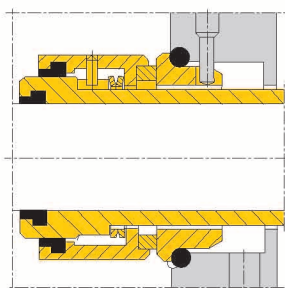
温度:  $-20 \sim 150^\circ\text{C}$   
 线速度:  $\leq 10$  m/s  
 其它同标准型一致

### Operating limits

Temperature:  $-20 \sim 150^\circ\text{C}$   
 Linear speed:  $\leq 10$  m/s  
 Others are accord with that of standard mode.

BGMHJ977GN型机封由BGMHJ92N改型,其动静环采用碳化物镶装,静环为G46型,安装尺寸等同BGMHJ92N。

BGMHJ977GN mechanical seal is improved from BGMHJ92N. Its rotor and stator ring adopt beset carbide. Its stator ring is type G46. The installation dimension is the same as that of BGMHJ92N.



**BGMSHJ97G**

此型机封专为医药、食品等无菌工业领域特殊设计，其结构考虑到设备清洗干净彻底的高卫生级别。

This type is specially designed for the asepsis field such as medical and food product. Its structure takes consideration to the high requirement of the equipment cleaning.

单位 (Unit): mm

<b>d<sub>1</sub></b>	<b>d<sub>3</sub></b>	<b>d<sub>4</sub></b>	<b>d<sub>6</sub></b>	<b>d<sub>7</sub></b>	<b>d<sub>8</sub></b>	<b>d<sub>m</sub></b>	<b>l<sub>1k</sub></b>	<b>l<sub>3</sub></b>	<b>l<sub>5</sub></b>	<b>l<sub>6</sub></b>	<b>l<sub>7</sub></b>	<b>l<sub>8</sub></b>	<b>l<sub>20</sub></b>	<b>l<sub>13</sub></b>	<b>l<sub>18</sub></b>	<b>l<sub>19</sub></b>	<b>f</b>	<b>m<sub>x</sub></b>
<b>18</b>	32	34	27	33	3	26.0	37.5	30.5	2.0	5	9	15.0	7.0	28.5	17.0	9.0	3.0	M4
<b>20</b>	34	36	29	35	3	28.0	37.5	30.5	2.0	5	9	15.0	7.0	28.5	17.0	9.0	3.0	M4
<b>22</b>	36	38	31	37	3	30.0	37.5	30.5	2.0	5	9	15.0	7.0	28.5	17.0	9.0	3.0	M4
<b>24</b>	38	40	33	39	3	32.5	40.0	33.0	2.0	5	9	15.0	7.0	31.0	17.0	9.0	3.5	M5
<b>25</b>	39	41	34	40	3	33.5	40.0	33.0	2.0	5	9	15.0	7.0	31.0	17.0	9.0	3.5	M5
<b>28</b>	42	44	37	43	3	36.5	42.5	35.5	2.0	5	9	15.0	7.0	33.0	17.5	9.5	3.5	M5
<b>30</b>	44	46	39	45	3	38.5	42.5	35.5	2.0	5	9	15.0	7.0	33.0	17.5	9.5	3.5	M5
<b>32</b>	47	48	42	48	3	41.5	42.5	35.5	2.0	5	9	15.0	7.0	33.0	17.5	9.5	3.5	M5
<b>33</b>	47	49	42	48	3	41.5	42.5	35.5	2.0	5	9	15.0	7.0	33.0	17.5	9.5	3.5	M5
<b>35</b>	49	51	44	50	3	43.5	42.5	35.5	2.0	5	9	15.0	7.0	33.0	17.5	9.5	3.5	M5
<b>38</b>	54	58	49	56	4	47.5	45.0	37.0	2.0	6	9	16.0	8.0	34.5	18.5	10.5	4.0	M5
<b>40</b>	56	60	51	58	4	49.5	45.0	37.0	2.0	6	9	16.0	8.0	34.5	18.5	10.5	4.0	M5
<b>43</b>	59	63	54	61	4	52.5	45.0	37.0	2.0	6	9	16.0	8.0	34.5	18.5	10.5	4.0	M5
<b>45</b>	61	65	56	63	4	54.5	45.0	37.0	2.0	6	9	16.0	8.0	34.5	18.5	10.5	4.0	M5
<b>48</b>	64	68	59	66	4	57.5	45.0	37.0	2.0	6	9	16.0	8.0	34.5	18.5	10.5	4.0	M5
<b>50</b>	66	70	62	70	4	59.5	47.5	38.0	2.5	6	9	17.0	9.5	35.5	19.5	12.0	4.5	M6
<b>53</b>	69	73	65	73	4	62.5	47.5	38.0	2.5	6	9	17.0	9.5	35.5	19.5	12.0	4.5	M6
<b>55</b>	71	75	67	75	4	64.5	47.5	38.0	2.5	6	9	17.0	9.5	35.5	19.5	12.0	4.5	M6
<b>58</b>	78	83	70	78	4	68.5	52.5	42.0	2.5	6	9	18.0	10.5	39.5	20.5	13.0	4.5	M6
<b>60</b>	80	85	72	80	4	70.5	52.5	42.0	2.5	6	9	18.0	10.5	39.5	20.5	13.0	4.5	M6
<b>63</b>	83	88	75	83	4	73.5	52.5	42.0	2.5	6	9	18.0	10.5	39.5	20.5	13.0	4.5	M6
<b>65</b>	85	90	77	85	4	75.5	52.5	42.0	2.5	6	9	18.0	10.5	39.5	20.5	13.0	4.5	M6
<b>68</b>	88	93	81	90	4	78.5	52.5	41.5	2.5	7	9	18.5	11.0	39.0	21.0	13.5	4.5	M6
<b>70</b>	90	95	83	92	4	80.5	60.0	48.5	2.5	7	9	19.0	11.5	46.0	21.5	14.0	5.0	M6
<b>75</b>	99	104	88	97	4	89.0	60.0	48.5	2.5	7	9	19.0	11.5	46.0	21.5	14.0	5.5	M8
<b>80</b>	104	109	95	105	4	94.0	60.0	48.5	3.0	7	9	19.0	11.5	46.0	21.5	14.0	5.5	M8
<b>85</b>	109	114	100	110	4	99.0	60.0	48.5	3.0	7	9	19.0	11.5	46.0	21.5	14.0	5.5	M8
<b>90</b>	114	119	105	115	4	104.0	65.0	52.0	3.0	7	9	20.5	13.0	49.5	23.0	15.5	5.5	M8
<b>95</b>	119	124	110	120	4	109.0	65.0	52.0	3.0	7	9	20.5	13.0	49.5	23.0	15.5	5.5	M8
<b>100</b>	124	129	115	125	4	114.0	65.0	52.0	3.0	7	9	20.5	13.0	49.5	23.0	15.5	5.5	M8

\* 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)