

BGMH74-D

- ◎ 双端面
- ◎ 平衡型
- ◎ 任意旋向
- ◎ 多弹簧结构

与BGMH7系列设计性能相同,除驱动座的安装长度外,其它安装尺寸($d_1 < 100\text{mm}$)符合DIN24960标准.适用于易结晶、含颗粒、含纤维的介质中。

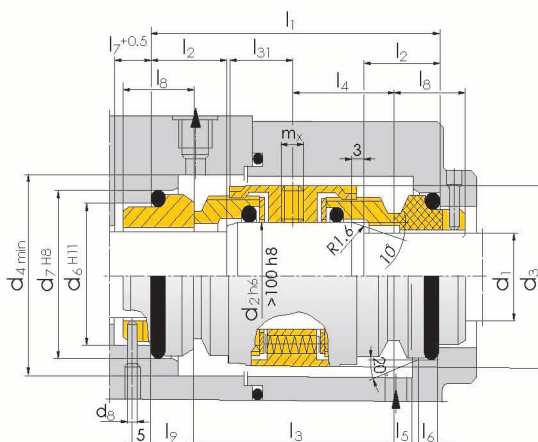
Double seal

Balanced

Independent of direction of rotation

Multiple springs

Its designed functions are the same as BGMH7 series. Except for the installation dimensions of drive base, the other installation dimensions ($d_1 < 100\text{mm}$) are according to DIN24960. It is suitable for medium which can easily solidify or contain fiber or particle.



运行参数

规格: 14~200 mm
 压力: ≤ 4.0 Mpa
 温度: $-50 \sim 220^\circ\text{C}$
 线速度: ≤ 20 m/s
 轴向窜动量:
 $d_1 \leq 100$: ± 0.5 mm
 $d_1 > 100$: ± 2.0 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

Operating limits

Specification: 14~200 mm
 Pressure: ≤ 4.0 Mpa
 Temperature: $-50 \sim 220^\circ\text{C}$
 Velocity: ≤ 20 m/s
 Axial movement:
 $d_1 \leq 100$: ± 0.5 mm
 $d_1 > 100$: ± 2.0 mm

Combination of materials

Sealing face

Graphite, Silicon carbide, Tungsten carbide, Aluminum oxide

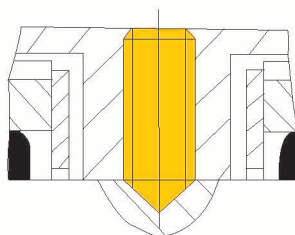
Secondary sealing

Acrylonitrile rubber, Fluorine rubber, Ethylene propylene rubber, PTFE

Metal component

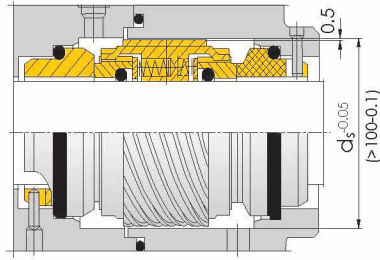
Stainless steel

扭矩传递 Torque transmission



当 $d_2 \geq 105$ 时,标准驱动方式由4只尖头螺钉拧入凹坑。

When $d_2 \geq 105\text{mm}$, the standard driven mode is that the 4 pointed bolts are screwed into the recess.



BGMH74F-D

BGMH74F-D带螺纹泵结构主要应用于密封液需要自循环的泵或设备,其它密封性能等同标准型式。

BGMH74F-D whorl pump structure is mainly used in the working condition that the liquid in the seal chamber needing self-cycle. Its other seal functions are accord with that of standard mode.

单位 (Unit): mm

d ₁	d ₂	d ₃	d ₄	d ₆	d ₇	d ₈	d _s	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	l ₃₁	m _x
14	18	33	34	21.0	25.0	3	-	73.0	18	53.0	26.5	1.5	4	8.5	17.5	10.0	17.0	M5
16	20	35	36	23.0	27.0	3	-	73.0	18	53.0	26.5	1.5	4	8.5	17.5	10.0	17.0	M5
18	22	37	38	27.0	33.0	3	42	76.0	20	53.0	26.5	2.0	5	9.0	19.5	11.5	17.0	M5
20	24	39	40	29.0	35.0	3	44	76.0	20	53.0	26.5	2.0	5	9.0	19.5	11.5	17.0	M5
22	26	41	42	31.0	37.0	3	45	76.0	20	53.0	26.5	2.0	5	9.0	19.5	11.5	17.0	M5
24	28	43	44	33.0	39.0	3	47	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
25	30	45	46	34.0	40.0	3	49	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
28	33	48	49	37.0	43.0	3	51	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
30	35	50	51	39.0	45.0	3	54	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
32	38	55	58	42.0	48.0	3	59	79.0	20	56.0	28.0	2.0	5	9.0	19.5	11.5	18.5	M6
33	38	55	58	42.0	48.0	3	59	79.0	20	56.0	28.0	2.0	5	9.0	19.5	11.5	18.5	M6
35	40	57	60	44.0	50.0	3	61	80.0	20	57.0	28.5	2.0	5	9.0	19.5	11.5	19.0	M6
38	43	60	63	49.0	56.0	4	65	85.0	23	57.0	28.5	2.0	6	9.0	22.0	14.0	19.0	M6
40	45	62	65	51.0	58.0	4	66	85.0	23	57.0	28.5	2.0	6	9.0	22.0	14.0	19.0	M6
43	48	65	68	54.0	61.0	4	69	85.0	23	57.0	28.5	2.0	6	9.0	22.0	14.0	19.0	M6
45	50	67	70	56.0	63.0	4	71	84.0	23	56.0	28.0	2.0	6	9.0	22.0	14.0	19.5	M6
48	53	70	73	59.0	66.0	4	75	84.0	23	56.0	28.0	2.0	6	9.0	22.0	14.0	19.5	M6
50	55	72	75	62.0	70.0	4	76	93.0	25	63.0	31.5	2.5	6	9.0	23.0	15.0	19.5	M6
53	58	79	83	65.0	73.0	4	83	97.0	25	67.0	33.5	2.5	6	9.0	23.0	15.0	23.5	M8
55	60	81	85	67.0	75.0	4	85	97.0	25	67.0	33.5	2.5	6	9.0	23.0	15.0	23.5	M8
58	63	84	88	70.0	78.0	4	88	104.0	25	74.0	37.0	2.5	6	9.0	23.0	15.0	24.5	M8
60	65	86	90	72.0	80.0	4	95	104.0	25	74.0	37.0	2.5	6	9.0	23.0	15.0	24.5	M8
63	68	89	93	75.0	83.0	4	93	109.0	25	79.0	39.5	2.5	6	9.0	23.0	15.0	24.5	M8
65	70	91	95	77.0	85.0	4	95	98.0	25	68.0	34.0	2.5	6	9.0	23.0	15.0	23.5	M8
70	75	99	104	83.0	92.0	4	105	112.5	28	76.4	38.2	2.5	7	9.0	26.0	18.0	25.5	M8
75	80	104	109	88.0	97.0	4	109	112.5	28	76.4	38.2	2.5	7	9.0	26.0	18.0	25.5	M8
80	85	109	114	95.0	105.0	4	114	112.5	28	76.0	38.0	3.0	7	9.0	26.2	18.2	25.0	M8
85	90	114	119	100.0	110.0	4	119	112.5	28	76.0	38.0	3.0	7	9.0	26.2	18.2	25.5	M8
90	95	119	124	105.0	115.0	4	124	112.5	28	76.0	38.0	3.0	7	9.0	26.2	18.2	25.0	M8
95	100	124	129	110.0	120.0	4	129	110.5	28	76.0	38.0	3.0	7	9.0	25.2	17.2	25.0	M8
100	105	129	134	115.0	125.0	4	134	110.5	28	76.0	38.0	3.0	7	9.0	25.2	17.2	25.5	M8
105	115	148	153	122.2	134.3	5	153	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
110	120	153	158	128.2	140.3	5	158	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
115	125	158	163	136.2	148.3	5	163	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
120	130	163	168	138.2	150.3	5	168	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
125	135	168	173	142.2	154.3	5	173	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
130	140	173	178	146.2	158.3	5	178	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
135	145	178	183	152.2	164.3	5	183	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
140	150	183	188	156.2	168.3	5	188	122.0	32	82.0	41.0	2.0	10	-	30.0	20.0	31.5	M8
145	155	191	196	161.2	173.3	5	196	133.0	34	93.0	46.5	2.0	10	-	30.0	20.0	35.5	M8
150	160	196	201	168.2	180.3	5	201	137.0	36	93.0	46.5	2.0	10	-	32.0	22.0	35.5	M8
155	165	201	206	173.2	185.3	5	206	141.0	38	93.0	46.5	2.0	12	-	34.0	24.0	35.5	M8
160	170	206	211	178.2	190.3	5	211	141.0	38	93.0	46.5	2.0	12	-	34.0	24.0	35.5	M8
165	175	211	216	183.2	195.3	5	216	141.0	38	93.0	46.5	2.0	12	-	34.0	24.0	35.5	M8
170	180	216	221	188.2	200.3	5	221	141.0	38	93.0	46.5	2.0	12	-	34.0	24.0	35.5	M8
175	185	221	226	193.2	205.3	5	226	141.0	38	93.0	46.5	2.0	12	-	34.0	24.0	35.5	M8
180	190	226	231	207.5	219.3	5	231	149.0	42	93.0	46.5	2.0	12	-	38.0	28.0	35.5	M8
185	195	231	236	212.5	224.3	5	236	149.0	42	93.0	46.5	2.0	12	-	38.0	28.0	35.5	M8
190	200	236	241	217.5	229.3	5	241	149.0	42	93.0	46.5	2.0	12	-	38.0	28.0	35.5	M8
195	205	245	250	222.5	234.3	5	250	151.0	43	95.0	47.5	2.0	12	-	38.0	28.0	-	M10
200	210	250	255	227.5	239.3	5	255	151.0	43	95.0	47.5	2.0	12	-	38.0	28.0	-	M10

* 配有其它非补偿环尺寸,请参照“可选非补偿环结构型式”(P52-53页)

Please refer to the optional non-compensated ring structural specification for the details of other non compensated dimensions(P52-53)