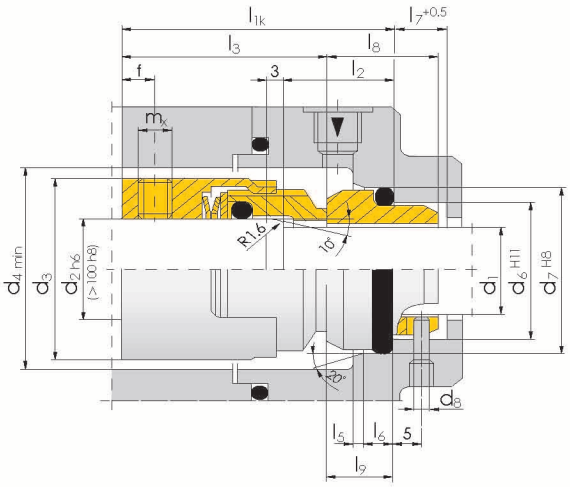
BGMH7

◎ 单端面
◎ 平衡型
◎ 任意旋向
◎ 符合EN 12756 (DIN24960)标准

BGMH7系列密封应用广泛，互换性好.静环采用浮动式，安装方便，性能可靠.广泛使用在石油精炼，化工等工业领域。

Single seal
Balanced
Independent of direction of rotation
To EN12756 (DIN24960)

BGMH7 series mechanical seal has a wide application scope and a good interchangeability. Its stationary ring is designed with floating type. This seal is easy to install and has reliable performance. It is widely used in petroleum refining industry, chemical industry, etc.



运行参数

规　　格：	14～200 mm
压　　力：	≤6.0 Mpa
温　　度：	−50～220℃
线 速 度：	≤20m/s
轴向窜动量：	±0.5 mm

Operating limits

Specification:	14～200 mm
Pressure:	≤6.0 Mpa
Temperature:	−50～220℃
Linear speed:	≤20 m/s
Axial movement:	±0.5 mm

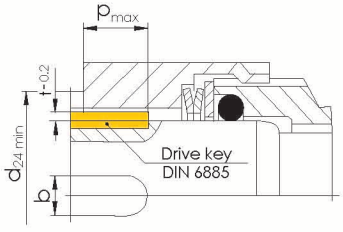
材料组合

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、PTFE
金属构件：
不锈钢

Combination of materials

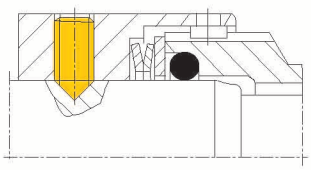
Sealing face
Graphite, Silicon carbide, Tungsten carbide,Aluminum oxide
Secondary sealing
Acrylonitrile rubber, Fluorine rubber, Ethylene propylene rubber,PTFE
Metal component
Stainless steel

扭矩传递 Torque transmission



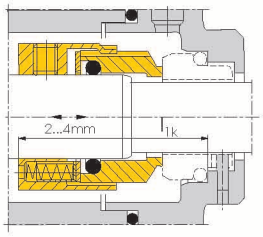
BGMH7S2
BGMH74S2
该驱动方式为键驱动。

The BGMH74S2 is driven by the key.



当d2>105mm时，
其传动扭矩采用如图所示，由四只尖头螺钉拧入凹坑。

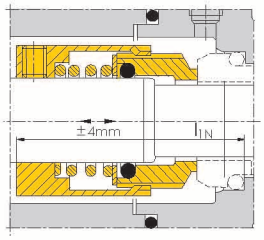
When d2>105mm, the rotation torque adopts the way shown in the drawing, which the 4 pointed bolts are screwed into the recess.



BGMH75多弹簧结构
适用于轴向窜动量较大场合

BGMH75 multi-spring structure is suitable for passion with hig Axial movement.

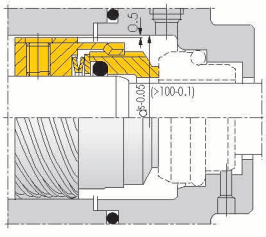
d1	轴向窜动量 Axial movement:
28 ～ 55	±2mm
58 ～ 100	±3mm
105～ 200	±4mm



BGMH76单弹簧结构
适用于轴向窜动量更大场合

BGMH76 single-spring structure is suitable for bigger scurry in the axis direction.

d1： 14～100
轴向窜动量：±4.0mm
Axial movement:±4.0mm



BGMH7F 带螺纹泵
适用于密封腔液体需要自循环工况

BGMH7 whorl pump is mainly used in the working condition that the liquid in the seal chamber needing self-cycle.

BGMH7F d1: 14～100
轴向窜动量： ±0.5mm
Axial movement:±0.5mm
BGMH75F
轴向窜动量同BGMH75
Axial movement of BGMH75F is the same with that of BGMH75.

单位 (Unit): mm

d_1	d_2	d_3	d_4	d_6	d_7	d_8	d_{24}	d_5	l_{1k}	l_{1N}	l_2	l_3	l_5	l_6	l_7	l_8	l_9	b	f	m_x	$P_{max.}$	t
14	18	33	34	21.0	25.0	3	20	38	42.5	-	18	32.5	1.5	4	8.5	17.5	10.0	5	6.0	M5	9	1.1
16	20	35	36	23.0	27.0	3	22	40	42.5	-	18	32.5	1.5	4	8.5	17.5	10.0	5	6.0	M5	9	1.1
18	22	37	38	27.0	33.0	3	24	42	45.0	55	20	33.5	2.0	5	9.0	19.5	11.5	6	7.0	M5	9	1.5
20	24	39	40	29.0	35.0	3	26	44	45.0	60	20	33.5	2.0	5	9.0	19.5	11.5	6	5.5	M5	9	1.5
22	26	41	42	31.0	37.0	3	28	45	45.0	60	20	33.5	2.0	5	9.0	19.5	11.5	6	8.0	M5	9	1.5
24	28	43	44	33.0	39.0	3	30	47	47.5	60	20	36.0	2.0	5	9.0	19.5	11.5	6	5.5	M6	9	1.5
25	30	45	46	34.0	40.0	3	32	49	47.5	60	20	36.0	2.0	5	9.0	19.5	11.5	6	5.5	M6	9	1.5
28	33	48	49	37.0	43.0	3	35	51	50.0	65	20	38.5	2.0	5	9.0	19.5	11.5	6	8.0	M6	12	1.5
30	35	50	51	39.0	45.0	3	37	54	50.0	65	20	38.5	2.0	5	9.0	19.5	11.5	6	8.0	M6	12	1.5
32	38	55	58	42.0	48.0	3	40	59	50.0	65	20	38.5	2.0	5	9.0	19.5	11.5	6	8.0	M6	12	1.5
33	38	55	58	42.0	48.0	3	40	59	50.0	65	20	38.5	2.0	5	9.0	19.5	11.5	6	8.0	M6	12	1.5
35	40	57	60	44.0	50.0	3	42	61	50.0	65	20	38.5	2.0	5	9.0	19.5	11.5	6	8.0	M6	12	1.5
38	43	60	63	49.0	56.0	4	45	65	52.5	75	23	38.5	2.0	6	9.0	22.0	14.0	6	8.0	M6	12	1.5
40	45	62	65	51.0	58.0	4	47	66	52.5	75	23	38.5	2.0	6	9.0	22.0	14.0	6	8.0	M6	12	1.5
43	48	65	68	54.0	61.0	4	50	69	52.5	75	23	38.5	2.0	6	9.0	22.0	14.0	6	8.0	M6	12	1.5
45	50	67	70	56.0	63.0	4	52	71	52.5	75	23	38.5	2.0	6	9.0	22.0	14.0	6	8.0	M6	12	1.5
48	53	70	73	59.0	66.0	4	55	75	52.5	85	23	38.5	2.0	6	9.0	22.0	14.0	6	8.0	M6	12	1.5
50	55	72	75	62.0	70.0	4	57	76	57.5	85	25	42.5	2.5	6	9.0	23.0	15.0	6	8.0	M6	12	1.5
53	58	79	83	65.0	73.0	4	60	83	57.5	85	25	42.5	2.5	6	9.0	23.0	15.0	8	9.0	M8	12	1.9
55	60	81	85	67.0	75.0	4	62	85	57.5	85	25	42.5	2.5	6	9.0	23.0	15.0	8	9.0	M8	12	1.9
58	63	84	88	70.0	78.0	4	65	88	62.5	85	25	47.5	2.5	6	9.0	23.0	15.0	8	9.0	M8	15	1.9
60	65	86	90	72.0	80.0	4	67	95	62.5	95	25	47.5	2.5	6	9.0	23.0	15.0	8	9.0	M8	15	1.9
63	68	89	93	75.0	83.0	4	70	93	62.5	95	25	47.5	2.5	6	9.0	23.0	15.0	8	9.0	M8	15	1.9
65	70	91	95	77.0	85.0	4	72	95	62.5	95	25	47.5	2.5	6	9.0	23.0	15.0	8	9.0	M8	15	1.9
70	75	99	104	83.0	92.0	4	77	105	70.0	95	28	52.0	2.5	7	9.0	26.0	18.0	8	10.0	M8	15	1.9
75	80	104	109	88.0	97.0	4	82	109	70.0	105	28	52.0	2.5	7	9.0	26.0	18.0	8	10.0	M8	15	1.9
80	85	109	114	95.0	105.0	4	87	114	70.0	105	28	51.8	3.0	7	9.0	26.2	18.2	8	10.0	M8	15	1.9
85	90	114	119	100.0	110.0	4	92	119	75.0	105	28	56.8	3.0	7	9.0	26.2	18.2	10	10.0	M8	23	2.3
90	95	119	124	105.0	115.0	4	97	124	75.0	105	28	56.8	3.0	7	9.0	26.2	18.2	10	10.0	M8	23	2.3
95	100	124	129	110.0	120.0	4	102	129	75.0	105	28	57.8	3.0	7	9.0	25.2	17.2	10	10.0	M8	23	2.3
100	105	129	134	115.0	125.0	4	107	134	75.0	105	28	57.8	3.0	7	9.0	25.2	17.2	10	10.0	M8	23	2.3
105	115	148	153	122.2	134.3	5	118	153	73.0	-	32	53.0	2.0	10	-	30.0	20.0	10	10.0	M8	18	2.3
110	120	153	158	128.2	140.3	5	123	158	73.0	-	32	53.0	2.0	10	-	30.0	20.0	10	10.0	M8	18	2.3
115	125	158	163	136.2	148.3	5	128	163	73.0	-	32	53.0	2.0	10	-	30.0	20.0	10	10.0	M8	18	2.3
120	130	163	168	138.2	150.3	5	133	168	73.0	-	32	53.0	2.0	10	-	30.0	20.0	10	10.0	M8	18	2.3
125	135	168	173	142.2	154.3	5	138	173	73.0	-	32	53.0	2.0	10	-	30.0	20.0	10	10.0	M8	18	2.3
130	140	173	178	146.2	158.3	5	143	178	73.0	-	32	53.0	2.0	10	-	30.0	20.0	10	10.0	M8	18	2.3
135	145	178	183	152.2	164.3	5	148	183	73.0	-	32	53.0	2.0	10	-	30.0	20.0	10	10.0	M8	18	2.3
140	150	183	188	156.2	168.3	5	153	188	73.0	-	32	53.0	2.0	10	-	30.0	22.0	10	10.0	M8	18	2.3
145	155	191	196	161.2	173.3	5	158	196	83.0	-	34	63.0	2.0	10	-	30.0	22.0	12	12.0	M8	22	2.1
150	160	196	201	168.2	180.3	5	163	201	85.0	-	36	63.0	2.0	10	-	32.0	22.0	12	12.0	M8	22	2.1
155	165	201	206	173.2	185.3	5	168	206	87.0	-	38	63.0	2.0	12	-	34.0	24.0	12	12.0	M8	22	2.1
160	170	206	211	178.2	190.3	5	173	211	87.0	-	38	63.0	2.0	12	-	34.0	24.0	12	12.0	M8	22	2.1
165	175	211	216	183.2	195.3	5	178	216	87.0	-	38	63.0	2.0	12	-	34.0	24.0	12	12.0	M8	22	2.1
170	180	216	221	188.2	200.3	5	183	221	87.0	-	38	63.0	2.0	12	-	34.0	24.0	12	12.0	M8	22	2.1
175	185	221	226	193.2	205.3	5	188	226	87.0	-	38	63.0	2.0	12	-	34.0	24.0	12	12.0	M8	22	2.1
180	190	226	231	207.5	219.3	5	193	231	91.0	-	42	63.0	2.0	12	-	38.0	28.0	12	12.0	M8	22	2.1
185	195	231	236	212.5	224.3	5	198	236	91.0	-	42	63.0	2.0	12	-	38.0	28.0	12	12.0	M8	22	2.1
190	200	236	241	217.5	229.3	5	203	241	91.0	-	42	63.0	2.0	12	-	38.0	28.0	12	12.0	M8	22	2.1
195	205	245	250	222.5	234.2	5	208	250	94.0	-	43	66.0	2.0	12	-	38.0	28.0	12	14.0	M10	22	2.1
200	210	250	255	227.5	239.3	5	213	255	94.0	-	43	66.0	2.0	12	-	38.0	28.0	12	14.0	M10	22	2.1

* 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)