

■ BMM 产品概述 INTRODUCTION



本系列马达壳体采用足够强度的球墨铸铁铸造而成，适用于负载较小且间隙工作的场合，广泛应用于农业、林业、塑料、机床、矿业机械等。

This series of motor, with its shell made of ductile cast iron of adequate intensity, can be applied to situations with less load and interval operation, widely to agriculture, forestry, plastics, machine tools and minmachines etc.

■ BMM 性能特点 CHARACTERISTICS

1. 采用了轴向配油结构，体积小、效率高、寿命长。
2. 轴封承受压力高，可串、并联使用。

1. With the axial oil distribution structure, it is of smaller, high efficiency and long life.
2. Shaft seal can bear high pressure of motor of which can be used in parallel or in series.

■ BMM 技术参数 TECHNICAL DATA

型号 Type	BMM-8	BMM-12.5	BMM-20	BMM-32	BMM-40	BMM-50
排量 Displacement (ml/r)	8.2	12.9	19.9	31.6	39.8	50.3
最大压降 Max. Pressure Drop (Mpa)	连续 cont.	10	10	10	9	7
	间断 int.	14	14	14	14	14
	尖峰 peak.	20	20	20	16	16
最大扭矩 Max. torque (Nm)	连续 cont.	11	16	25	40	45
	间断 int.	15	23	35	57	70
	尖峰 peak.	21	33	51	64	82
转速范围(连续) Speed Range (cont.) (r/min)	1950	1550	1000	630	500	400
最大流量(连续) Max. Flow (cont.) (L/min)	16	20	20	20	20	20
最大输出功率(连续) Max. Output Power (cont.) (Kw)	1.8	2.4	2.4	2.4	2.4	1.8
重量 Weight (Kg)	1.9	2	2.1	2.2	2.3	2.4

间断工作时间每分钟不得超过6秒，尖峰工作时间每分钟不得超过0.6秒
 Intermittent operation the permissible values may occur for max.10% of every minute,
 Peak load: the permissible values may occur for max.1% of every minute.

■ BMM 性能参数 PERFORMANCE DATA

BMM 8[8.2ml/r]
压力 Pressure (Mpa)

流量 Flow(L/min)	最大连续 Max.cont.						最大间断 Max.int.					
	3.5	5	7	10	12	14	3.5	5	7	10	12	14
2	3	5	8	10	12	14	228	218	206	156	111	58
4	3	5	7	11	13	15	474	471	463	426	391	331
8	3	5	7	11	13	15	953	946	926	884	855	816
12	2	5	7	10	13	15	1444	1426	1402	1360	1324	1288
15		4	7	10	12	14		1912	1900	1861	1833	1780
20			6	10	11	14			2395	2350	2328	2281

BMM 12.5[12.9ml/r]
压力 Pressure (Mpa)

流量 Flow(L/min)	最大连续 Max.cont.						最大间断 Max.int.					
	3.5	5	7	10	12	14	3.5	5	7	10	12	14
2	6	8	11	16	19		140	136	119	68	111	
4	6	8	12	17	19	23	296	289	274	229	391	145
8	5	8	12	17	20	24	605	596	583	543	855	469
12	5	8	11	16	20	24	912	905	895	859	1324	784
15	5	7	11	16	19	23	1152	1144	1136	1102	1833	1036
20	3	7	10	15	19	22	1542	1532	1521	1500	2328	1437
25	2	6	9	14	18	22	1910	1891	1878	1848	1828	1788

BMM 20[19.9ml/r]
压力 Pressure (Mpa)

流量 Flow(L/min)	最大连续 Max.cont.						最大间断 Max.int.							
	1.7	3.5	5	7	10	12	14	1.7	3.5	5	7	10	12	
2	3	9	14	19	26	30	99	96	89	74	42	21		
4	4	9	14	19	26	31	197	191	182	178	134	112	36	74
8	4	9	13	19	27	31	398	395	391	377	340	319	36	288
12	3	8	13	18	26	31	596	594	588	579	545	523	37	493
15	3	8	12	17	25	30	745	741	738	728	695	684	36	660
20	1	6	11	19	24	29	998	995	991	985	962	916	35	885
25		4	9	14	23	28		1247	1245	1242	1189	1180	33	1176

BMM 32[31.6ml/r]
压力 Pressure (Mpa)

流量 Flow(L/min)	最大连续 Max.cont.						最大间断 Max.int.							
	2	3.5	5	7	10	12	14	2	3.5	5	7	10	12	
2	7	15	21	28	40		61	57	52	47	16			
4	7	15	21	29	41	48	126	121	114	106	82	67	49	57
8	7	15	21	29	41	49	250	244	239	231	207	194	58	167
12	6	13	20	28	40	48	378	374	369	362	338	322	58	297
15	4	12	18	27	39	47	476	472	468	462	441	429	57	406
20	3	10	17	25	37	46	633	630	627	619	601	585	55	566
25	1	8	15	23	35	43	791	789	787	783	766	753	52	732

BMM 40[39.8ml/r]
压力 Pressure (Mpa)

流量 Flow(L/min)	最大连续 Max.cont.						最大间断 Max.int.					
	3	5	7	8.5	10	12	3	5	7	8.5	10	12
2	16	27	36	44	51		45	40	34	28	17	
4	16	27	37	44	52	62	96	93	85	79	65	52
8	15	26	36	44	52	63	197	195	182	176	166	154
12	14	25	35	43	51	62	293	287	282	277	268	257
15	13	24	34	42	50	62	371	365	360	355	347	338
20	10	21	31	39	48	59	497	492	487	480	472	463
25	7	19	29	37	44	56	622	617	612	607	600	591

BMM 50[50.3ml/r]
压力 Pressure (Mpa)

流量 Flow(L/min)	最大连续 Max.cont.					最大间断 Max.int.				
	1.5	3	5	7	10	1.5	3	5	7	10
2	11	23	36	50		37	33	27	22	
4	11	22	36	50	70	76	73	68	63	55
8	11	21	35	50	71	157	154	149	145	137
12	11	20	33	49	71	237	234	231	226	218
15	10	18	32	47	69	296	295	294	288	282
20	8	14	29	44	64	395	395	393	390	381
25	4	10	25	40	59	498	496	494	490	484

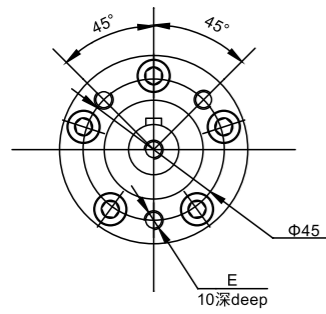
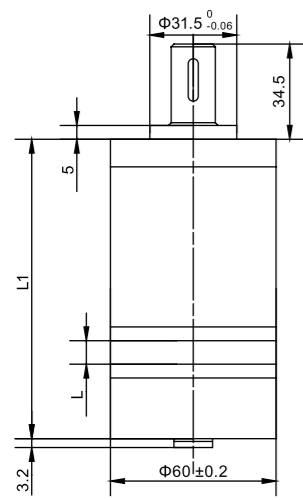
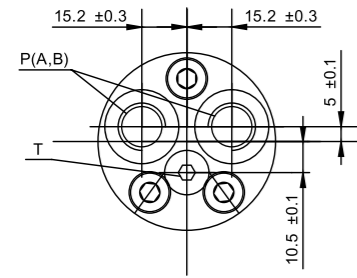
扭矩 (Torque) : 44Nm
转速 (Speed) : 600r/min

连续 Cont.
间断 Int.

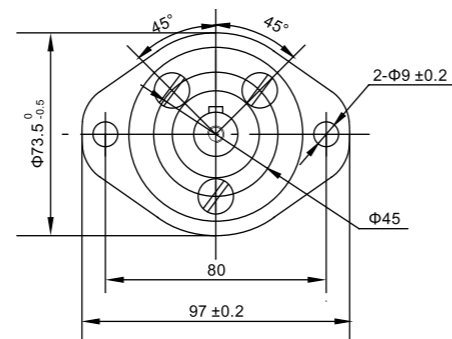
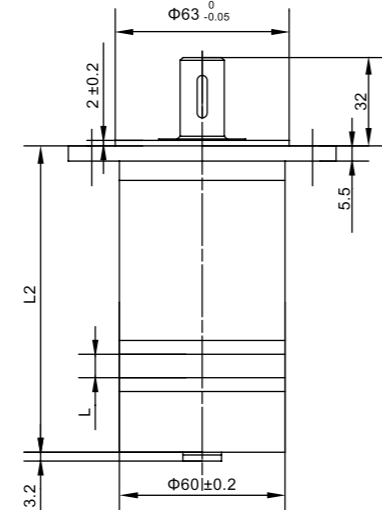
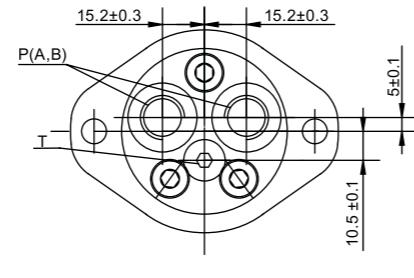
■ BMM 外形安装图 Installation

底部油口 Y* (End port Y*)

C, C1 型法兰 Flange C,C1



A II 型法兰 2-hole oval flange All



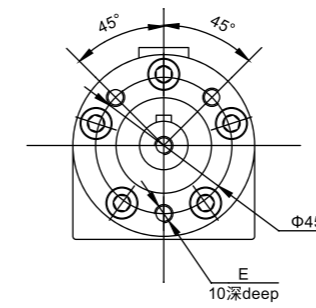
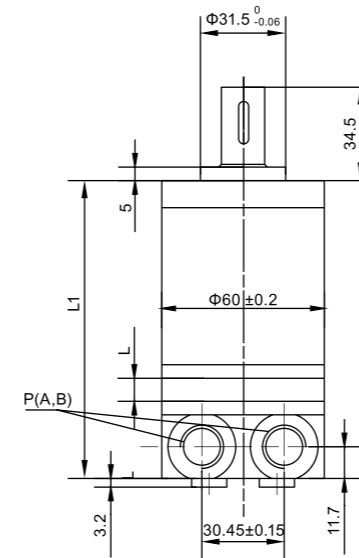
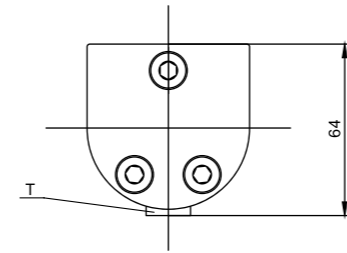
法兰Flange	E
C	3-M6
C1	3-1/4-28UNF

型号Type	BMM-8	BMM-12.5	BMM-20	BMM-32	BMM-40	BMM-50
L	3.5	5.5	8.5	13.5	17	21.5
L1	104	106	109	114	117.5	122
L2	107.5	109.5	112.5	117.5	121	125.5

■ BMM 外形安装图 Installation

侧边油口 S* (Side port S*)

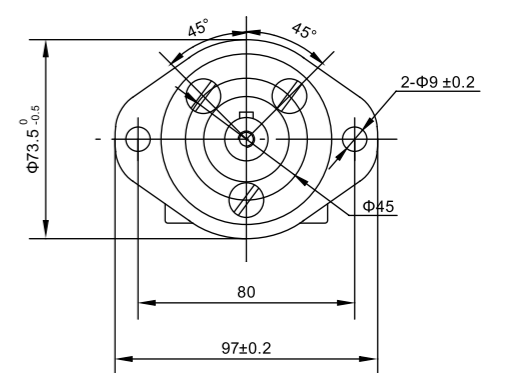
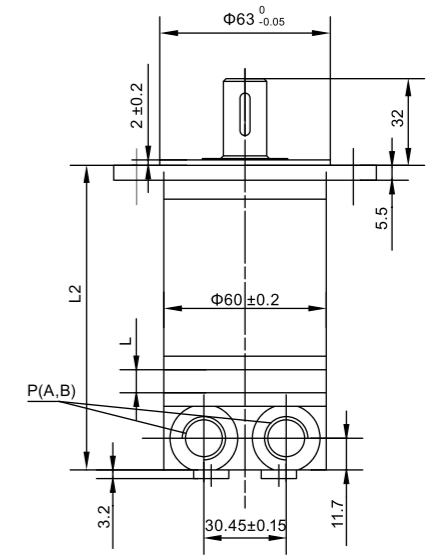
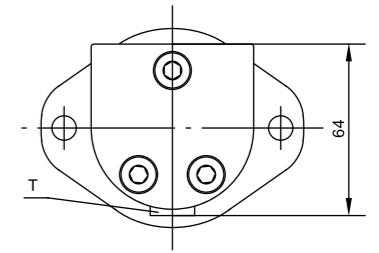
C, C1 型法兰 Flange C,C1



法兰Flange	E
C	3-M6
C1	3-1/4-28UNF

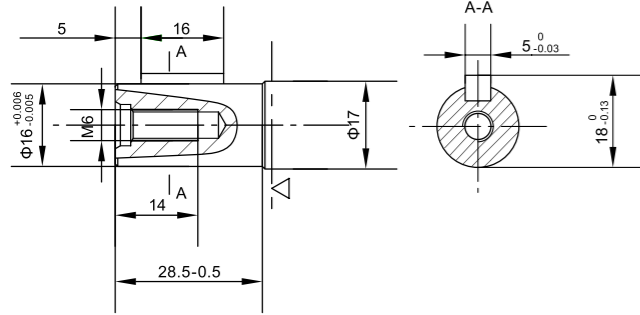
型号Type	BMM-8	BMM-12.5	BMM-20	BMM-32	BMM-40	BMM-50
L	3.5	5.5	8.5	13.5	17	21.5
L1	105	107	110	115	118.5	123
L2	108.5	110.5	113.5	118.5	122	126.5

A II 型法兰 2-hole oval flange All

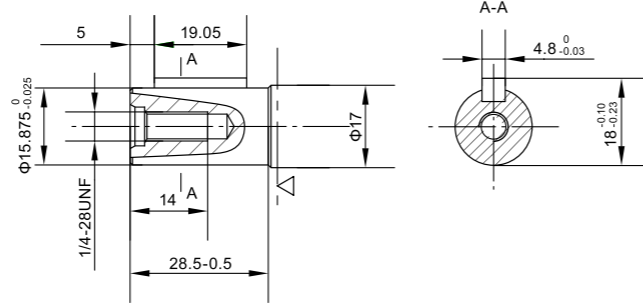


■ BMM 外形安装尺寸—输出轴 SHAFT VERSION

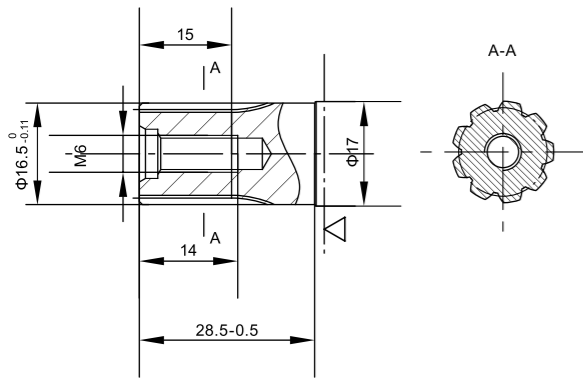
P1: $\Phi 16$ 平键轴, 平键 $5 \times 5 \times 16$
 $\Phi 16$ Cylindrical shaft, parallel key $5 \times 5 \times 16$



P2: $\Phi 15.875$ 平键轴, 平键 $4.8 \times 4.8 \times 19.05$
 $\Phi 15.875$ Cylindrical shaft, parallel key $4.8 \times 4.8 \times 19.05$



K1: $\Phi 16.5$ 渐开线花键轴 B17 $\times 14$ DIN5482
 $\Phi 16.5$ involute splined shaft B17 $\times 14$ DIN5482



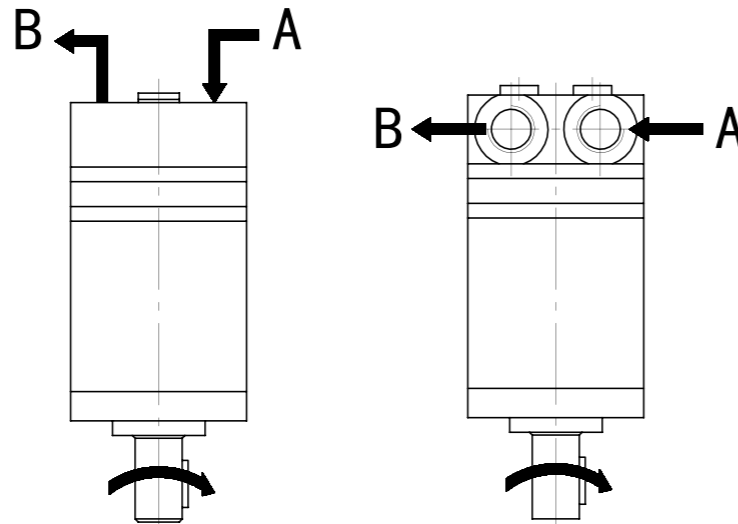
◁: 马达安装面
 Motor mounting surface

■ BMM 输出轴旋向: 标准 DIRECTION OF SHAFT ROTATION: STANDARD

输出轴旋向: 标准
 Direction of shaft rotation: Standard

面向马达输出轴方向:
 当“A”口进油时, 马达顺时针方向旋转;
 当“B”口进油时, 马达逆时针方向旋转。

When facing shaft end of motor, shaft to rotate:
 Clockwise when port “A” is pressurized.
 Counter-clockwise when port “B” is pressurized.



■ BMM 型号意义 ORDERING CODE

1	BMM	—	—	—	—	—	—	—	—	—
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Pos.1 系列号 Series	BMM	2 排量 Disp	8 12.5 20 32 40 50	3 输出轴 Output	P1 P2 K1	4 安装法兰 Flange	C C1 A II	5 油口Ports 进出口P(A,B)(深) Ports(A,B)(deep)	6 特殊要求 Special features	7 旋向 Rotation direction