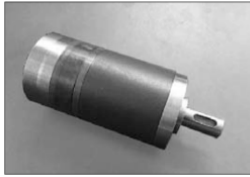


BMM INTRODUCTION



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 CHARACTERISTICS

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 TECHNICAL DATA

Type	BMM-8	BMM-12.5	BMM-20	BMM-32	BMM-40	BMM-50	
Displacement (ml/r)	8.2	12.9	19.9	31.6	39.8	50.3	
Max. Pressure Drop (Mpa)	cont.	10	10	10	9	7	
	int.	14	14	14	14	14	
	peak.	20	20	20	16	16	
Max. torque (Nm)	cont.	11	16	25	40	45	46
	int.	15	23	35	57	70	88
	peak.	21	33	51	64	82	100
Speed Range (cont.) (r/min)	1950	1550	1000	630	500	400	
Max. Flow (cont.) (L/min)	16	20	20	20	20	20	
Max. Output Power (cont.)	1.8	2.4	2.4	2.4	2.4	1.8	
Weight (Kg)	1.9	2	2.1	2.2	2.3	2.4	

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 PERFORMANCE DATA

BMM 8[8.2ml/r]
Pressure (Mpa)

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

BMM 12.5[12.9ml/r]
Pressure (Mpa)

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

BMM 20[19.9ml/r]
Pressure (Mpa)

	Max.cont.			Max.int.			
	1.7	3.5	5	7	10	12	14
Flow(L/min)	2	3	9	14	19	26	30
	4	99	96	89	74	42	21
	8	197	191	182	178	134	112
Max.cont.	12	398	395	391	377	340	319
	15	596	594	588	579	545	523
	20		4	9	13	19	27
Max.int.							

BMM 32[31.6ml/r]
Pressure (Mpa)

	Max.cont.			Max.int.			
	2	3.5	5	7	10	12	14
Flow(L/min)	2	7	15	21	28	40	
	4	61	57	52	47	16	
	8	126	121	114	106	82	67
Max.cont.	12	250	244	239	231	207	194
	15	378	374	369	362	338	322
	20		3	8	12	17	25
Max.int.							

BMM 40[39.8ml/r]
Pressure (Mpa)

	Max.cont.			Max.int.			
	3	5	7	8.5	10	12	
Flow(L/min)	2	16	27	36	44	51	
	4	45	40	34	28	17	
	8	96	93	85	79	65	52
Max.cont.	12	15	26	36	44	52	63
	15	197	195	182	176	166	154
	20		14	25	35	43	51
Max.int.							

BMM 50[50.3ml/r]
Pressure (Mpa)

	Max.cont.			Max.int.		
	1.5	3	5	7	10	
Flow(L/min)	2	11	23	36	50	
	4	37	33	27	22	
	8	76	73	68	63	55
Max.cont.	12	11	21	35	50	71
	15	157	154	149	145	137
	20		11	20	33	49
Max.int.						

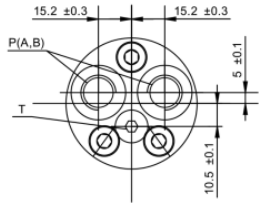
Torque: 44Nm
Speed: 600r/min

Cont.
Int.

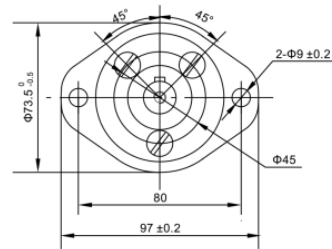
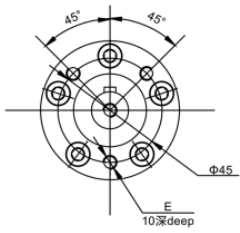
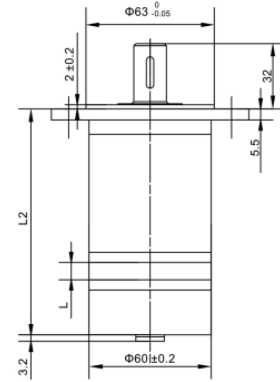
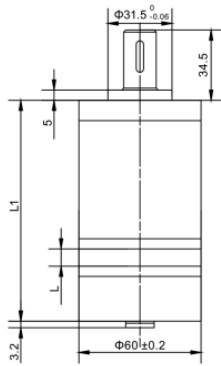
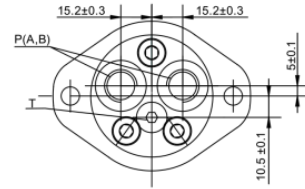
■ BMM Installation

Y* (End port Y*)

Flange C,C1



2-hole oval flange All



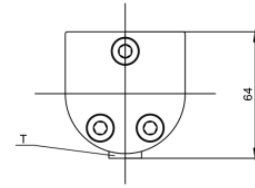
Flange	E
C	3-M6
C1	3-1/4-28UNF

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

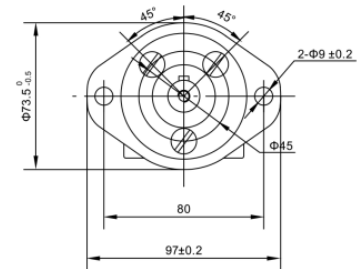
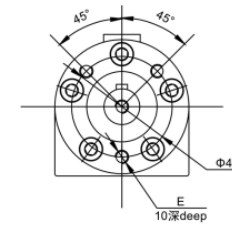
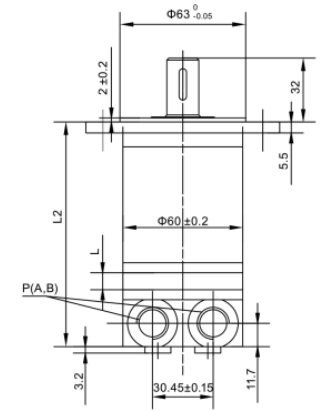
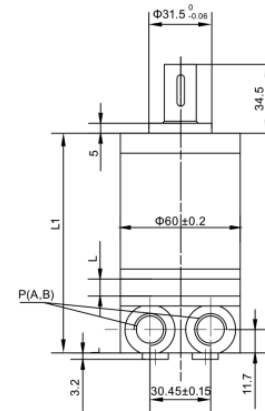
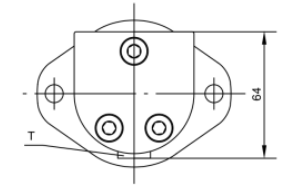
■ BMM Installation

S* (Side port S*)

Flange C,C1



2-hole oval flange All



Flange	E
C	3-M6
C1	3-1/4-28UNF

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

