

● INM Series Hydraulic Motors

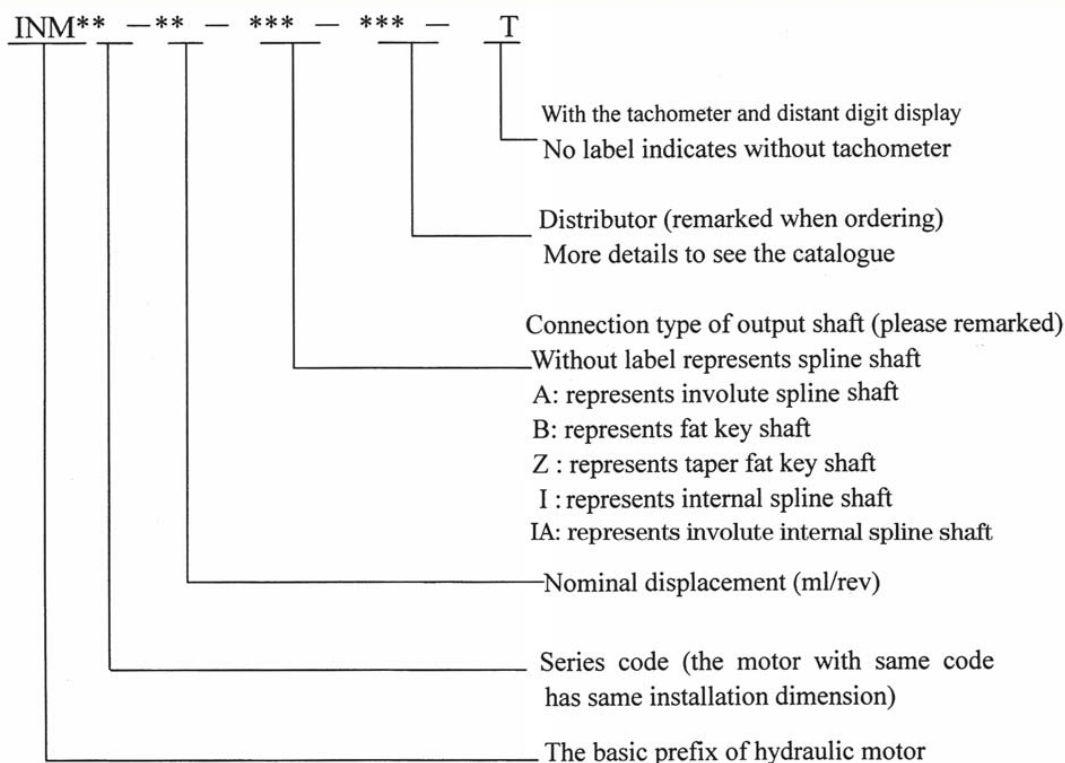
1. Brief Introduction

INM series motors are a result of the many years' of experience based on Italy technology, and incorporate a number of design variations with respect to the technology intended to increase the strength of the motor casings and the load capacity of the internal dynamic components. The result is the series of motors with high continuous power ratings, both because of the reduced internal specific loads, and because of the high mechanical and volumetric efficiency that contribute in reducing the amount of heat produced and therefore also the negative effects associated with it. The main characteristics are as follows:

- (1) The side loading between the piston and swiveling cylinder has been eliminated; the hydrostatic balance is built between the piston feet; the pistons transmit load to the shaft via a rolling bearing. All above reduces the friction loss in the load transmission. Therefore INM series hydraulic motor features high mechanical efficiency and high starting torque (above 0.92).
- (2) Rotary axial distributor (patent technology) ensures simply and reliable performance, good sealing capability, low leakage. The plastic piston ring between pistons and cylinder reduces the leakage, so the volumetric efficiency of motor is very high (more than 0.99).
- (3) Due to the reduced friction loss in structure and improved sealing capability, so the motor can operate at low speeds with a high degree of speed stability, even if at 1r/min of speed. Hereby the speed control range is wide (the speed control ratio is up to 1000).
- (4) The pistons and bearing sleeve is matched well via supporting ring to eliminate the clearance. So the series motors can run in pump condition. When the inlet port and outlet port is closed, the motors could run in freewheeling condition.
- (5) The working pressure of the series motor is very high, and the maximum pressure is up to 45MPa. The motor also features light weight, small size and high specific power,
- (6) Because of simple structure, reasonable design, and using large load capacity bearing, the series motors has many excellent features as follow good reliability, long lifetime and low noise. transmission shaft endure radial load. Circumrotate way could be reverse.

Due to above these advantages, it has been widely applied in all kinds of hydraulic transmission system such as plastic injection machine, ship and deck machinery, construction machinery and equipment, hoist and transport vehicle, heavy metallurgical machinery, petroleum and mine machine, light industry equipment, lath, light industry equipment and drilling machine etc. In particular, it can be well available in driving screw rod of injection machine, hoisting winches and capstan, and driving various slew drives.

2. Model options



3. Options example

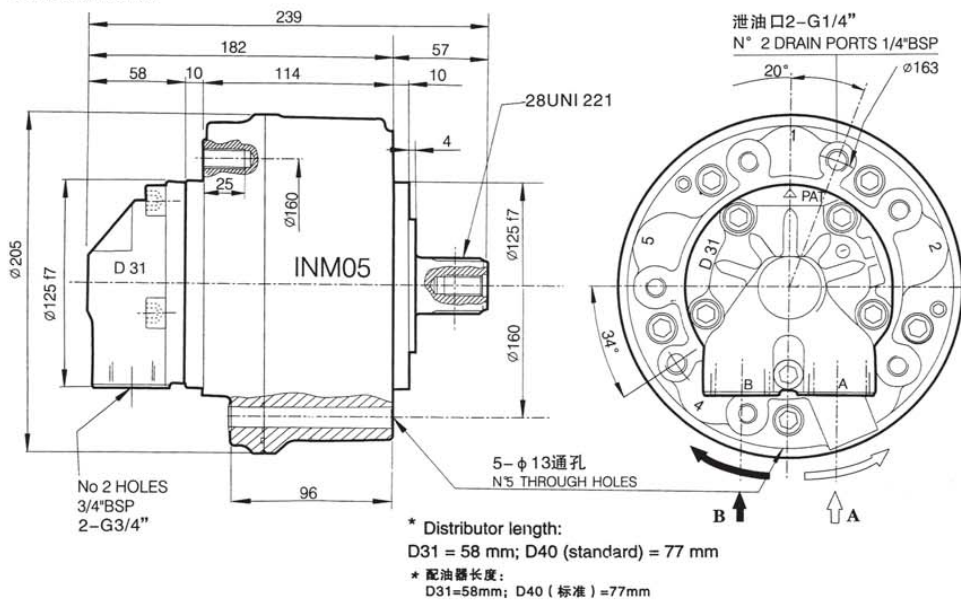
INM2-400BD31 represents that the motor is the 2 series unit of INM hydraulic motor. The nominal displacement is 400ml/rev, the output shaft is flat key shaft, and distributor model is D31 without tachometer. Please fill in the complete code options when ordering. If there are any specific requests, please noted in detail in delivery contract or contact our company

4. INM系列液压马达技术性能参数

型号 TYPE	理论排量 (ml/r) THEORIC DISPLACEMENT	额定压力 (MPa) RATED PRESSURE	尖峰压力 (MPa) PEAK PRESSURE	额定扭矩 (N·m) RATED TORQUE	单位扭矩 (N·m/Mpa) SPECIFIC TORQUE	连续转速/最高转速 (r/min)		重量 (kg) WEIGHT	
						CONT SPEED	Max. SPEED		
INM05-60	59	25	45	235	9.4	1~700	1000	22	
INM05-75	74	25	42.5	295	11.8	1~700	1000		
INM05-90	86	25	37.5	343	13.7	1~700	1000		
INM05-110	115	25	40	458	18.3	1~650	900		
INM05-130	129	25	37.5	513	20.5	1~650	900		
INM05-150	151	25	32.5	600	24	1~650	900		
INM05-170	166	25	32.5	660	26.4	1~600	800		
INM05-200	191	25	28	760	30.4	1~600	800		
INM1-100	99	25	42.5	385	15.4	1~550	1000		31
INM1-150	154	25	40	600	24	1~550	1000		
INM1-175	172	25	37.5	670	26.8	1~550	900		
INM1-200	201	25	35	785	31.4	1~550	800		
INM1-250	243	25	35	950	38	1~450	700		
INM1-300	290	25	30	1130	45.2	1~350	650		
INM1-320	314	25	28	1225	49	1~350	600		
INM1-350	340	25	28	1327	53	1~300	600		
INM2-200	192	25	42.5	750	30	0.7~550	800	51	
INM2-250	251	25	42.5	980	39.2	0.7~550	800		
INM2-300	304	25	40	1188	47.5	0.7~500	750		
INM2-350	347	25	37.5	1355	54.2	0.7~500	750		
INM2-420	425	25	35	1658	66.3	0.7~450	750		
INM2-500	493	25	35	1923	76.9	0.7~450	700		
INM2-600	565	25	30	2208	88.3	0.7~450	700		
INM2-630	623	25	28	2433	97.3	0.7~400	650		
INM3-425	426	25	42.5	1660	66.4	0.5~500	650	87	
INM3-500	486	25	42.5	1895	75.8	0.5~450	600		
INM3-600	595	25	40	2320	92.8	0.5~450	575		
INM3-700	690	25	35	2700	108	0.5~400	500		
INM3-800	792	25	35	3100	124	0.5~400	500		
INM3-900	873	25	35	3400	136	0.5~350	400		
INM3-1000	987	25	28	3850	154	0.5~300	350		
INM4-600	616	25	40	2403	96.1	0.4~400	550	120	
INM4-800	793	25	40	3100	124	0.4~350	550		
INM4-900	904	25	37.5	3525	141	0.4~325	450		
INM4-1000	1022	25	35	4000	160	0.4~300	400		
INM4-1100	1116	25	35	4350	174	0.4~275	400		
INM4-1300	1316	25	28	5125	205	0.4~225	350		
INM5-800	807	25	42.5	3150	126	0.3~325	450		175
INM5-1000	1039	25	42.5	4050	162	0.3~300	450		
INM5-1200	1185	25	40	4625	185	0.3~300	400		
INM5-1300	1340	25	40	5225	209	0.3~300	400		
INM5-1450	1462	25	37.5	5700	228	0.3~275	350		
INM5-1600	1634	25	37.5	6350	254	0.3~250	300		
INM5-1800	1816	25	35	7075	283	0.3~250	300		
INM5-2000	2007	25	35	7825	313	0.3~200	250	275	
INM6-1700	1690	25	45	6600	264	0.2~250	400		
INM6-2100	2127	25	40	8300	332	0.2~225	350		
INM6-2500	2513	25	35	9800	392	0.2~200	300		
INM6-3000	3041	25	30	11875	475	0.2~175	250	310	
INM7-1200	1214	25	30	4125	165	0.2~325	380		
INM7-2000	2007	25	35	7975	319	0.2~350	450		
INM7-2500	2526	25	35	10050	402	0.2~300	350		
INM7-3000	2985	25	35	11877	475	0.2~250	300		
INM7-3300	3290	25	35	13075	523	0.2~220	275		
INM7-3600	3611	25	32	14350	574	0.2~200	250		
INM7-4300	4298	25	30	17100	684	0.2~175	225		

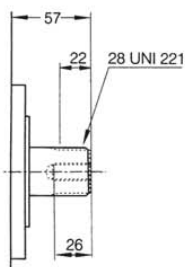
5. INM05系列液压马达安装连接尺寸图及性能曲线

DIMENSIONS

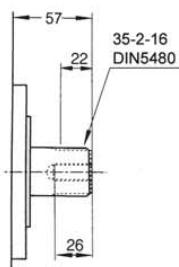


SHAFTS 轴伸型式

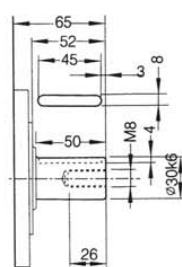
Splined
矩形外花键



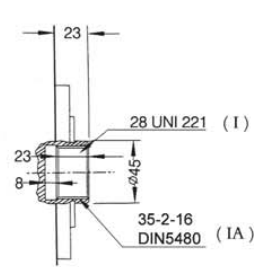
Splined A
渐开线外花键 A



Cylindrical B
圆柱平键 B



Internal spline I, IA
内花键 I, IA

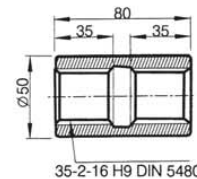


SPLINE DATA - 花键参数

35-2-16 DIN 5480	
d0	ø32.0
d1	ø35.0 $+0.520$ H14
d2	ø31.0 $+0.160$ H11
A	ø3.5
da	ø27.711 H11
d3	ø34.6 -0.160 h11
d4	ø30.6 -0.520 h14
B	ø4.0
db	ø39.000 f8

28 UNI 221(6-28-34) DIN 5463	
d1	ø28.0 $+0.021$ H7
d2	ø34.1 $+0.160$ H11
A	7.0 $+0.028$ F7
d3	ø28.0 -0.007 g6
d4	ø34.0 -0.065 h14
B	7.0 -0.013 f7

ADAPTORS
联轴器

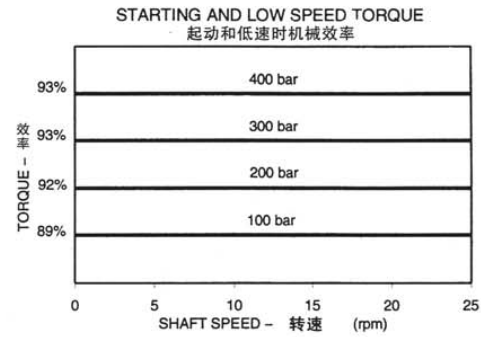
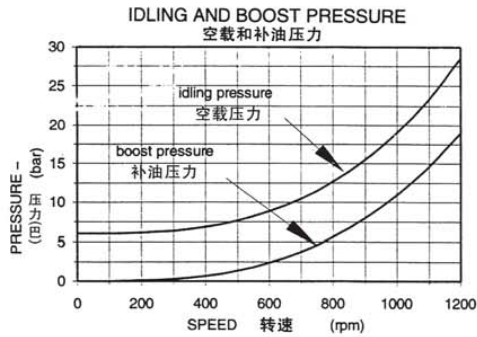
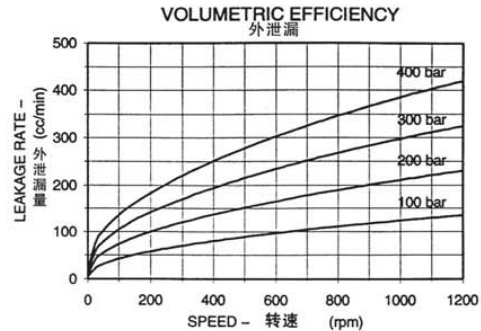
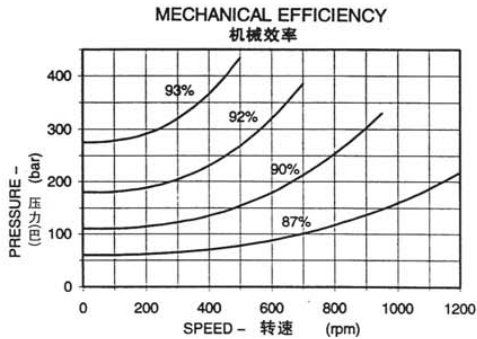


PERFORMANCE

The graphs indicate the typical performance characteristics of the **150cc** motor operating with mineral oil with viscosity 40 cSt at 50 °C.

特性曲线

下列图表为排量**150cc**的马达，在工作液采用矿物油，粘度40cSt,油温50°C工作时的典型特性曲线。

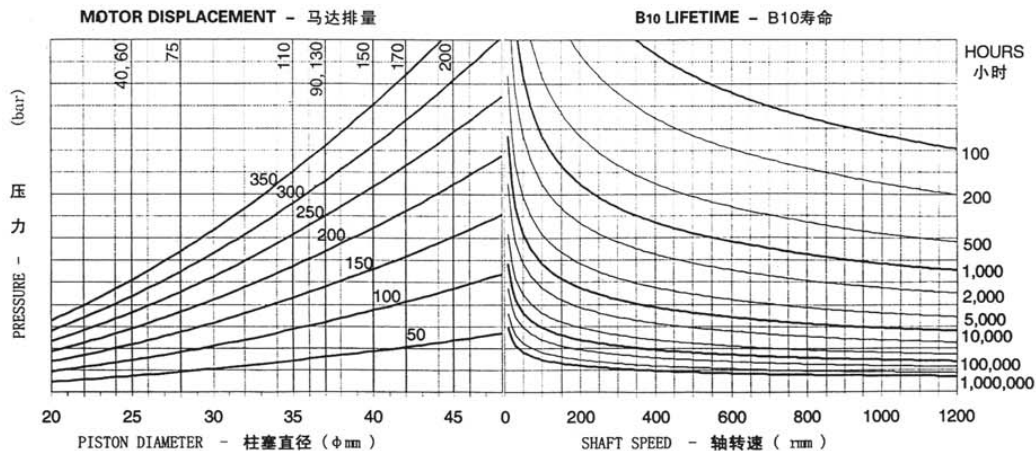


BEARING LIFETIME

The graph refers to the motor with the optional roller bearings (option H). Note that the average lifetime of a bearing (B_{50} lifetime) is approximately 5 times the B_{10} lifetime.

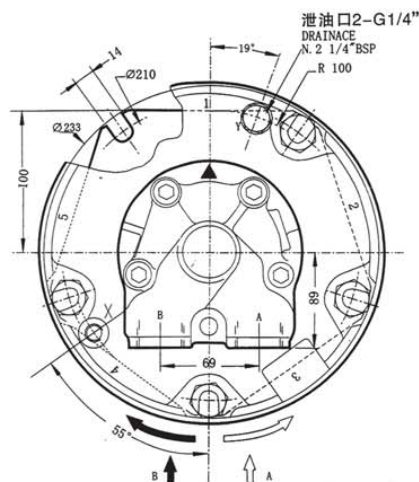
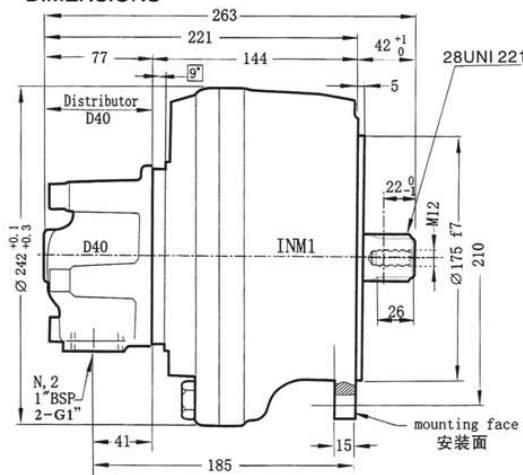
轴承寿命

该图表适用配置滚柱轴承（代号H）的马达。
注意轴承平均寿命（ B_{50} 寿命）大约是 B_{10} 寿命的5倍。



6. INM1系列液压马达 INM1 Series Hydraulic Motors

DIMENSIONS

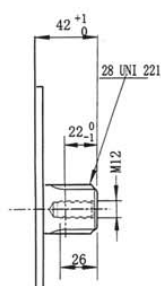


Flange and shaft dimensions are the same as for GM1, M1 and P1 series motors

法兰和轴承尺寸与GM1、M1和P1马达系列相同

SHAFTS 轴伸型式

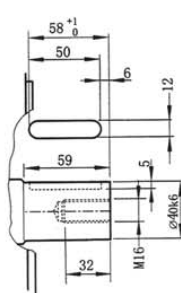
Splined
矩形外花键



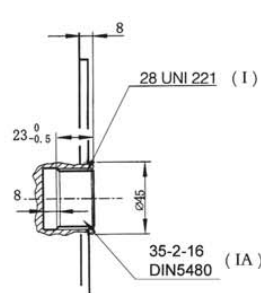
Splined A
渐开线外花键 A



Cylindrical B
圆柱平键 B



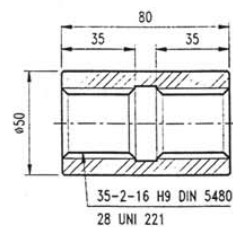
Internal spline I, IA
内花键 I, IA



SPLINE DATA - 花键参数

35-2-16 DIN 5480		28 UNI 221 (6-28-34 DIN 5463)	
d0	Ø32.0	d1	Ø28.0 ^{+0.021} H7
d1	Ø35.0 ^{-0.020} H14	d2	Ø34.1 ^{+0.160} H11
d2	Ø31.0 ^{+0.160} H11	A	7.0 ^{+0.028} F7
A	Ø3.5	d3	Ø28.0 ^{-0.007} g6
da	Ø27.711 H11	d4	Ø34.0 ^{-0.065} h14
d3	Ø34.6 ^{-0.160} h11	B	7.0 ^{-0.028} f7
d4	Ø30.6 ^{-0.020} h14		
B	Ø4.0		
db	Ø39.000 f8		

ADAPTORS
联轴器

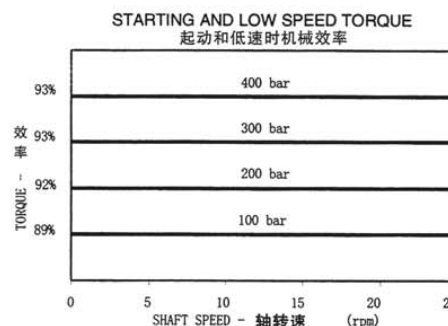
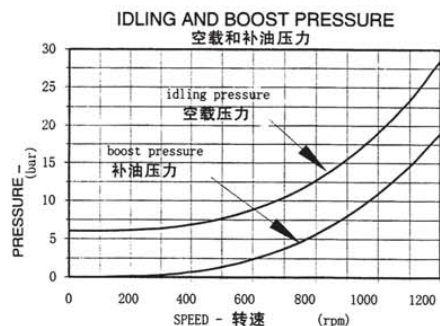
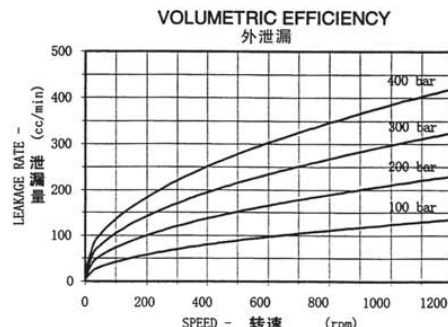
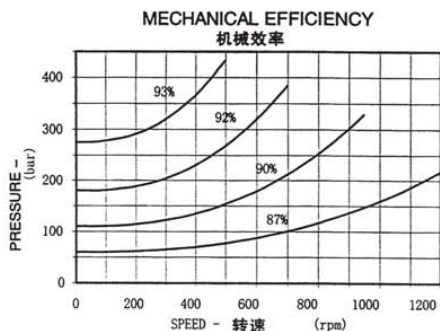


PERFORMANCE

The graphs indicate the typical performance characteristics of the **150 cc** motor operating with mineral oil with viscosity 40 cSt at 50 °C.

特性曲线

下列图表为排量**150cc**的马达，在工作液采用矿物油，粘度40cSt,油温50°C工作时的典型特性曲线。

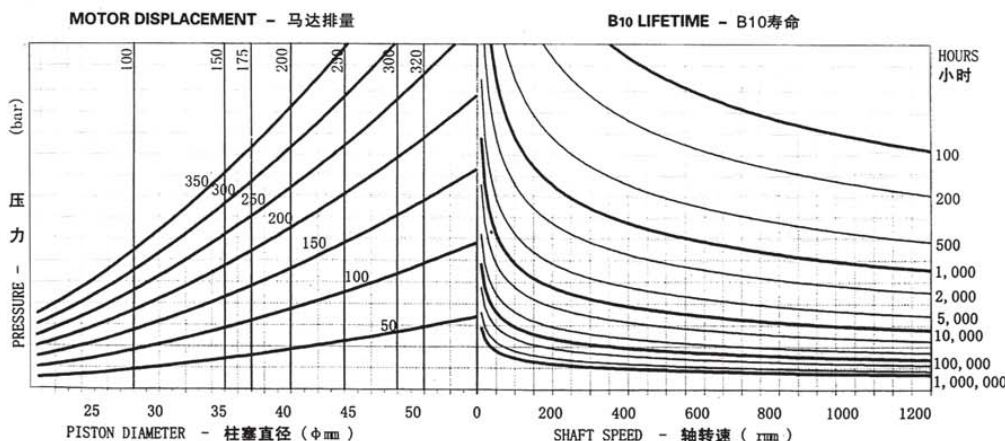


BEARING LIFETIME

The graph refers to the motor with the optional roller bearings (option H) recommended for most applications. Note that the average lifetime of a bearing (B_{50} lifetime) is approximately 5 times the B_{10} lifetime.

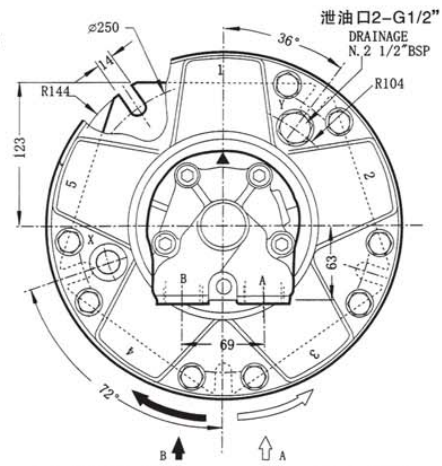
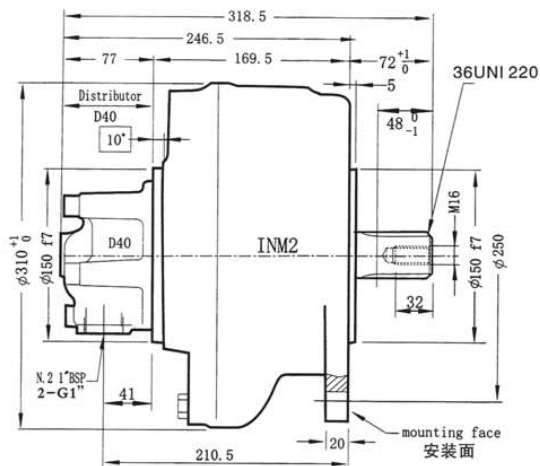
轴承寿命

该图表适用配置滚柱轴承（代号H）的马达，大多数情况下推荐使用。注意轴承平均寿命（ B_{50} 寿命）大约是 B_{10} 寿命的5倍。



7. INM2系列液压马达 INM2 Series Hydraulic Motors

DIMENSIONS

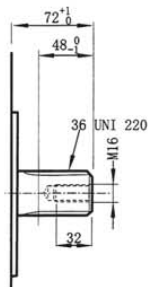


Flange and shaft dimensions are the same as for GM2、M3 and P3 series motors.

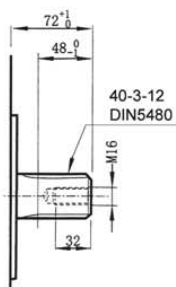
法兰和轴承尺寸与GM2、M3和P3马达系列相同

SHAFTS 轴伸型式

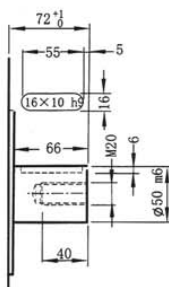
Splined
矩形外花键



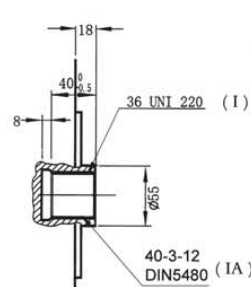
Splined A
渐开线外花键 A



Cylindrical B
圆柱平键 B



Internal spline I、IA
内花键 I、IA

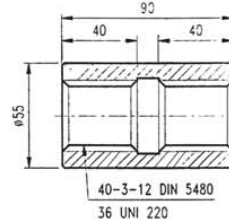


SPLINE DATA - 花键参数

40-3-12 DIN 5480	
d0	∅36.0
d1	∅40.0 ^{-0.020} H14
d2	∅34.0 ^{-0.100} H11
A	∅5.25
da	∅28.964 H11
d3	∅39.4 ^{-0.100} h11
d4	∅33.4 ^{-0.020} h14
B	∅6.0
db	∅45.989 f8

36 UNI 220 (DIN 5462)	
d1	∅36.0 ^{+0.025} H7
d2	∅40.0 ^{+0.160} H11
A	7.0 ^{+0.028} F7
d3	∅36.0 ^{-0.009} g6
d4	∅40.0 ^{-0.065} d11
B	7.0 ^{-0.028} f7

ADAPTORS
联轴器

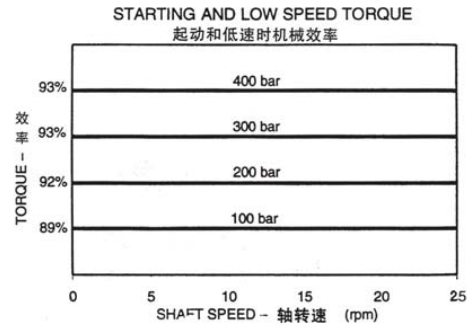
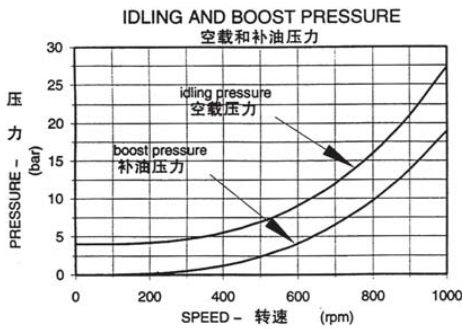
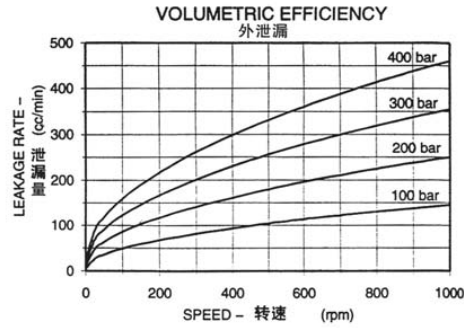
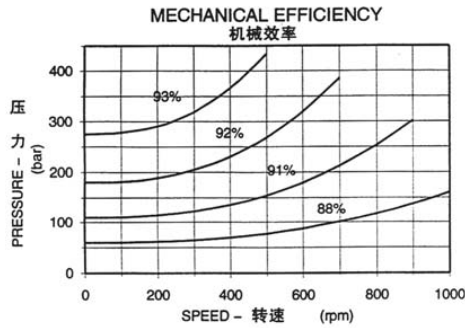


PERFORMANCE

The graphs indicate the typical performance characteristics of the **300cc** motor operating with mineral oil with viscosity 40 cSt at 50 °C.

特性曲线

下列图表为排量**300cc**的马达，在工作液采用矿物油，粘度40cSt,油温50℃工作时的典型特性曲线。

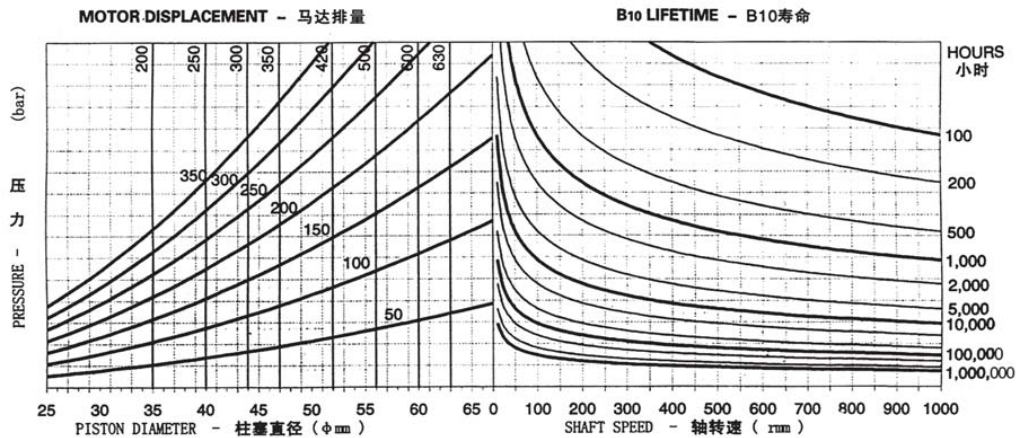


BEARING LIFETIME

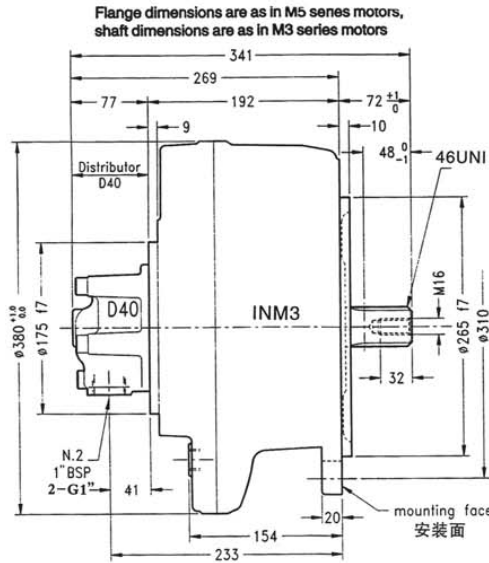
The graph refers to the motor with the optional roller bearings (option H) recommended for most applications. Note that the average lifetime of a bearing (B₅₀ lifetime) is approximately 5 times the B₁₀ lifetime.

轴承寿命

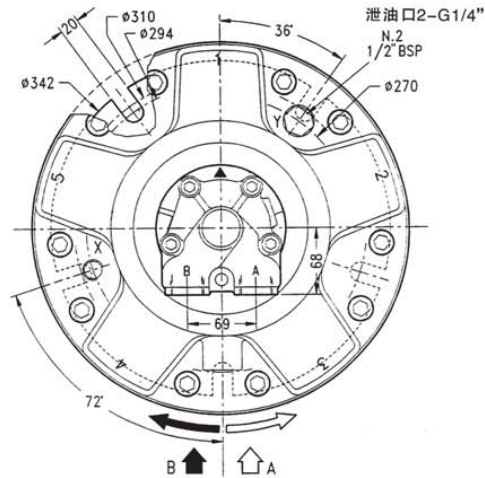
该图表适用配置滚柱轴承(代号H)的马达，大多数情况下推荐使用。注意轴承平均寿命(B₅₀寿命)大约是B₁₀寿命的5倍。



8. INM 3系列液压马达 INM3 Series Hydraulic Motors



法兰和轴承尺寸与 M5系列马达系列相同。
轴尺寸与M3系列马达相同。

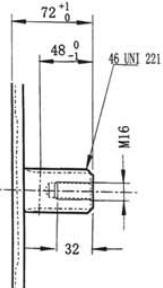


Available also GM3 completely interch.

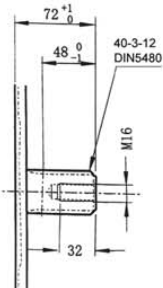
外形尺寸尺寸完全适用 GM3 ,

SHAFTS 轴伸型式

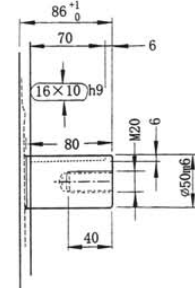
Splined
矩形外花键



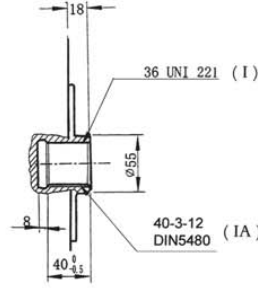
Splined A
渐开线外花键 A



Cylindrical B
圆柱平键 B



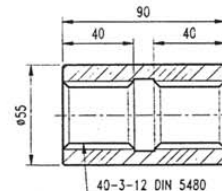
Internal spline I, IA
内花键 I, IA



SPLINE DATA – 花键参数

40-3-12 DIN 5480		46 UNI 221 (8-46-54 DIN 5463)	
	d0 $\varnothing 36.0$		d1 $\varnothing 46.0^{+0.030}_{-0.025}$ H7
	d1 $\varnothing 40.0^{+0.020}_{-0.015}$ H14		d2 $\varnothing 54.0^{+0.190}_{-0.025}$ H11
	d2 $\varnothing 34.0^{+0.100}_{-0.015}$ H11		A 9.0 ^{+0.028} F7
	A $\varnothing 5.25$		d3 $\varnothing 46.0^{+0.025}_{-0.025}$ g6
	da $\varnothing 28.964$ H11		d4 $\varnothing 54.0^{+0.100}_{-0.290}$ d11
	d3 $\varnothing 39.4^{+0.100}_{-0.100}$ h11		B 9.0 ^{+0.028} f7
	d4 $\varnothing 33.4^{+0.020}_{-0.020}$ h14		
	B $\varnothing 6.0$		
	db $\varnothing 45.989$ f8		

**ADAPTORS
联轴器**

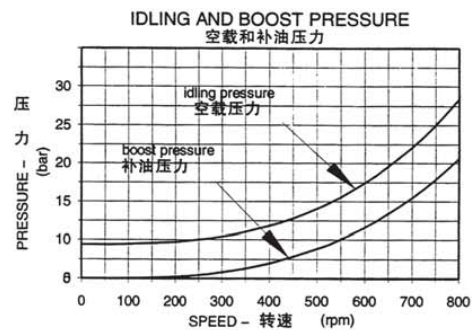
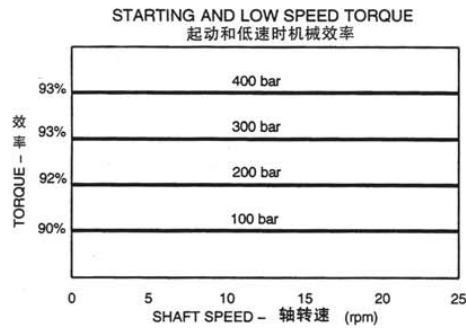
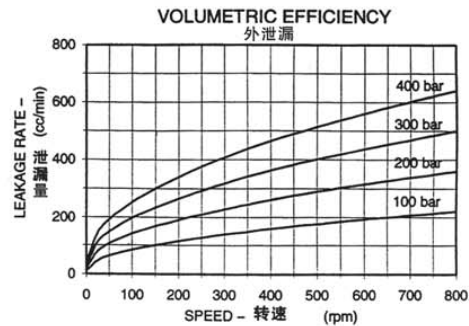
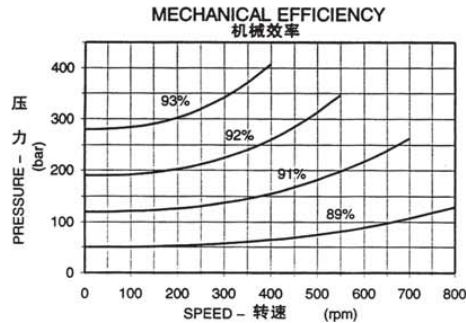


PERFORMANCE

The graphs indicate the typical performance characteristics of the **600cc** motor operating with mineral oil with viscosity 40.cSt at 50 °C.

特性曲线

下列图表为排量**600cc**的马达，在工作液采用矿物油，粘度40cSt,油温50°C工作时的典型特性曲线。

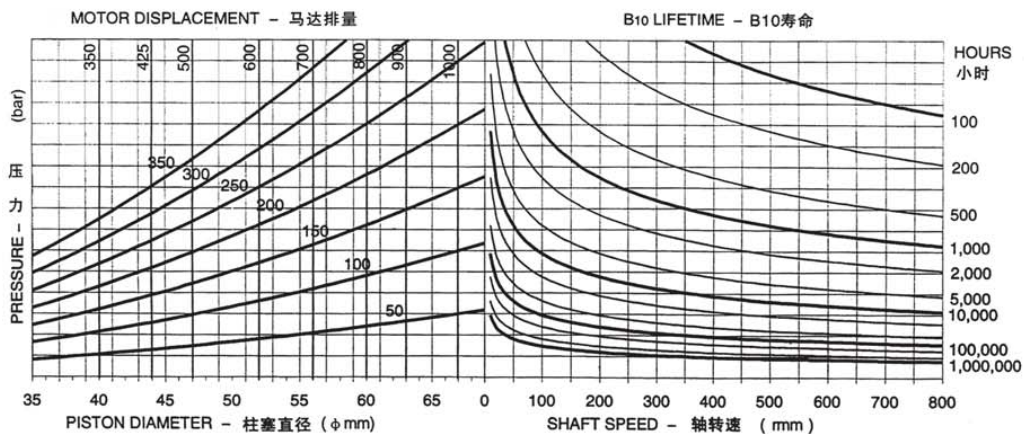


BEARING LIFETIME

The graph refers to the motor with the standard roller bearings.
Note that the average lifetime of a bearing (B_{50} lifetime) is approximately 5 times the B_{10} lifetime.

轴承寿命

该图表适用配置滚柱轴承的马达。
注意轴承平均寿命 (B_{50} 寿命) 大约是 B_{10} 寿命的5倍。

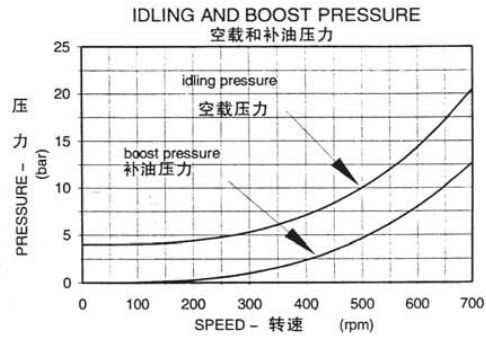
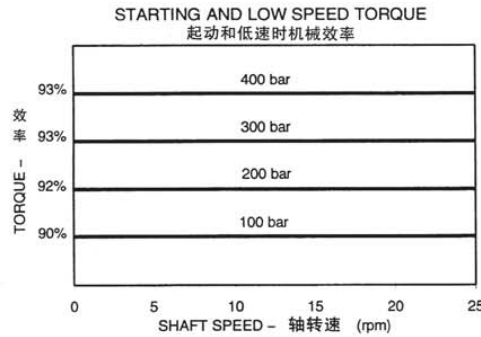
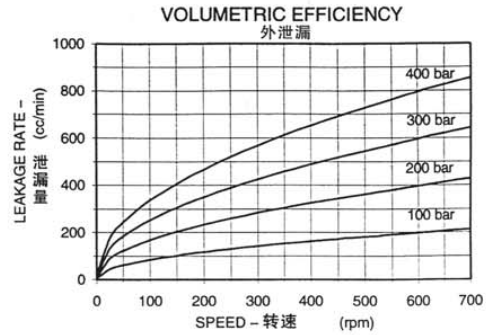
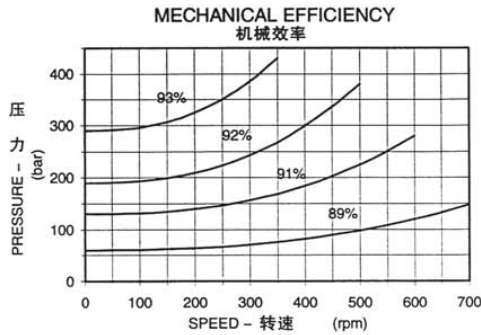


PERFORMANCE

The graphs indicate the typical performance characteristics of the **900 cc** motor operating with mineral oil with viscosity 40 cSt at 50 °C.

特性曲线

下列图表为排量**900cc**的马达，在工作液采用矿物油粘度40cSt,油温50°C工作时的典型特性曲线。



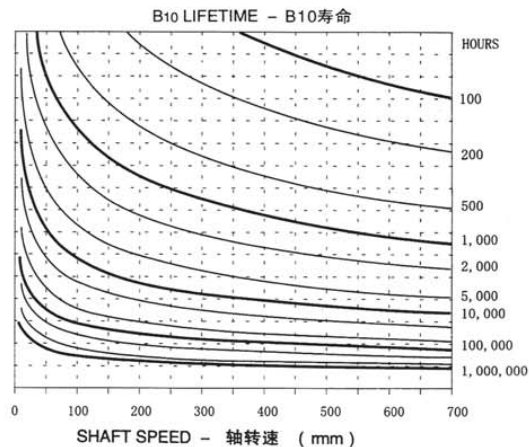
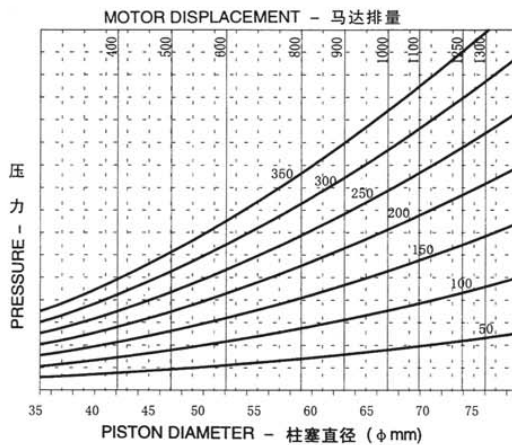
BEARING LIFETIME

The graph refers to the motor with the standard roller bearings.
Note that the average lifetime of a bearing (B_{50} lifetime) is approximately 5 times the B_{10} lifetime.

轴承寿命

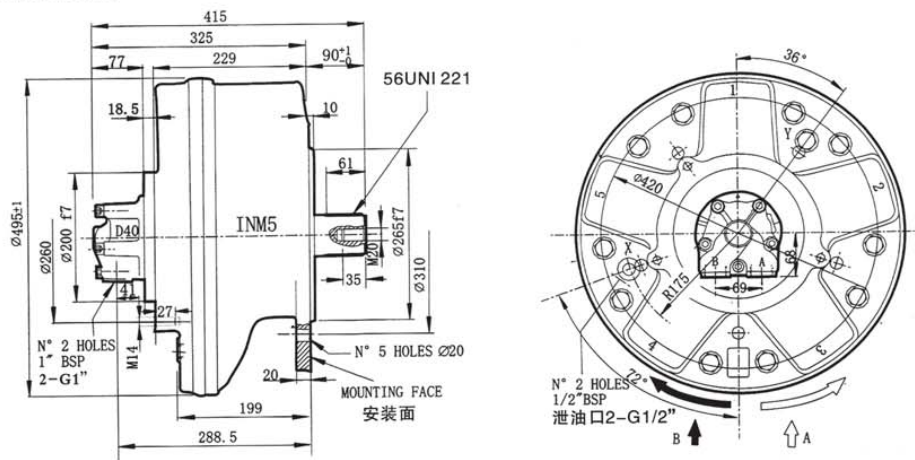
该图表适用配置滚柱轴承的马达。

注意轴承平均寿命 (B_{50} 寿命) 大约是 B_{10} 寿命的5倍



10. INM 5系列液压马达 INM5 Series Hydraulic Motors

DIMENSIONS

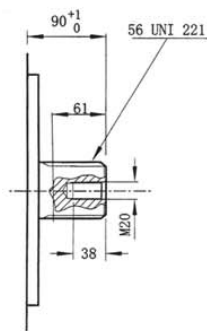


Flange and shaft dimensions are as in GM5, M5 series motors

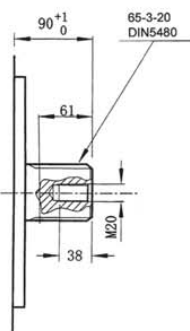
法兰和轴承尺寸与GM5、M5 马达系列相同

SHAFTS 轴伸型式

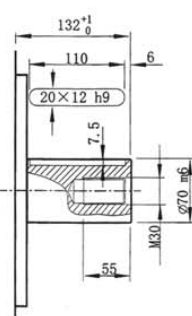
Splined
矩形外花键



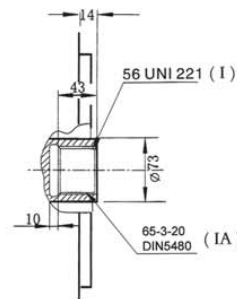
Splined A
渐开线外花键 A



Cylindrical B
圆柱平键 B



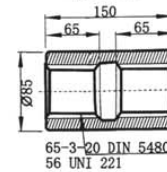
Internal spline I, IA
内花键 I, IA



SPLINE DATA - 花键参数

DIN	65-3-20 DIN 5480	55-2-26 DIN 5482	55-3-17 DIN 5480	56UNI221
d0	∅60.0	∅52.0	∅51.0	d1 ∅56.0 +0.030 H7
d1	∅65.0 +0.740 H14	∅55.0 +0.300 H12	∅55.0 +0.740 H14	d2 ∅65.0 +0.190 H11
d2	∅59.0 +0.190 H11	∅50.0 +0.160 H11	∅49.0 +0.160 H11	A 10.0 +0.028 -0.013 F7
A	∅5.25	∅3.5	∅5.25	d3 ∅56.0 -0.010 -0.025 g6
da	∅54.101 H11	∅46.902 H10	∅43.807 H11	d4 ∅65.0 -0.100 -0.190 d11
d3	∅64.4 -0.190 h11	∅54.5 -0.190 h11	∅54.4 -0.190 h11	B 10.0 -0.013 -0.028 f7
d4	∅58.4 -0.740 h14	∅49.0 -0.300 h12	∅48.4 -0.620 h14	
B	∅6.0	∅3.5	∅6.0	
db	∅70.999 f8	∅56.953 e9	∅60.873 f8	

ADAPTORS
联轴器

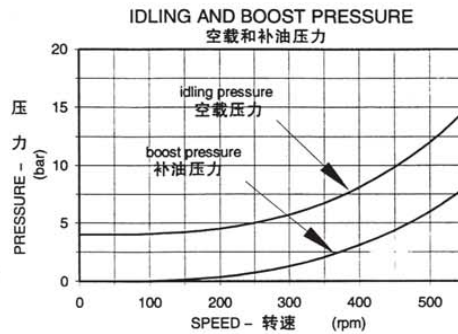
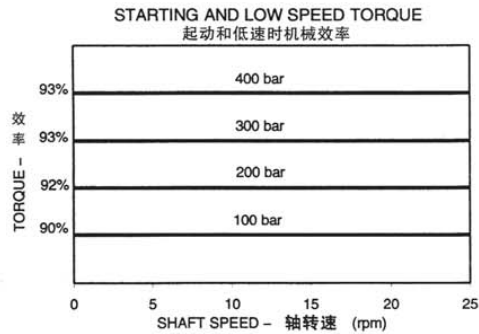
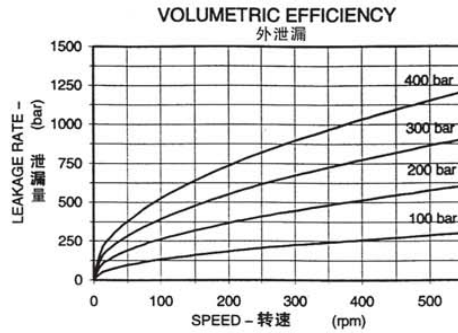
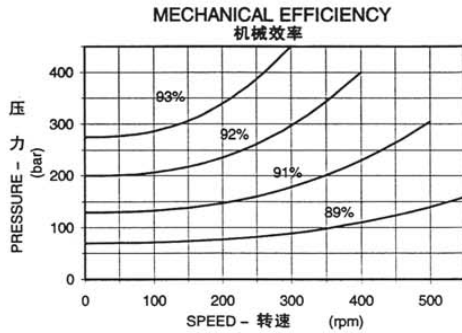


PERFORMANCE

The graphs indicate the typical performance characteristics of the 1200cc motor operating with mineral oil with viscosity 40 cSt at 50 °C.

特性曲线

下列图表为排量1200cc的马达，在工作液采用矿物油，粘度40cSt,油温50°C工作时的典型特性曲线。



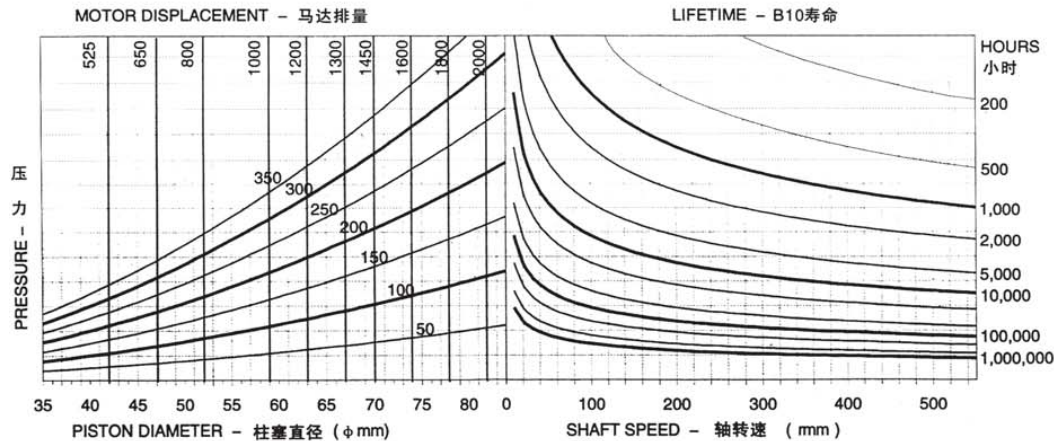
BEARING LIFETIME

The graph refers to the motor with the standard roller bearings.
Note that the average lifetime of a bearing (B₅₀ lifetime) is approximately 5 times the B₁₀ lifetime.

轴承寿命

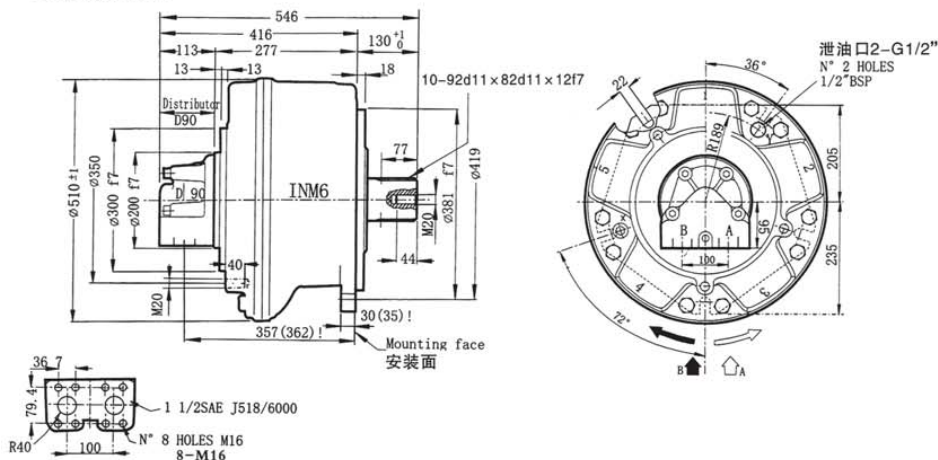
该图表适用配置滚柱轴承的马达。

注意轴承平均寿命 (B₅₀寿命) 大约是B₁₀寿命的5倍。



11. INM 6系列液压马达 INM6 Series Hydraulic Motors

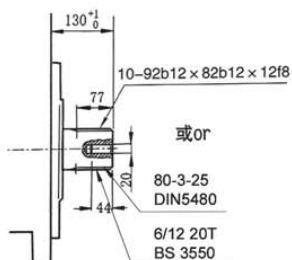
DIMENSIONS



SHAFTS 轴伸型式

Splined

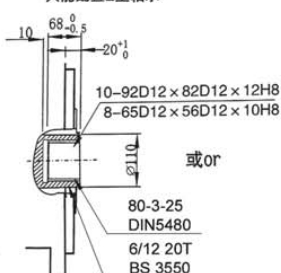
矩形外花键、渐开线外花键 A



Internal spline I, IA

内花键 I, IA

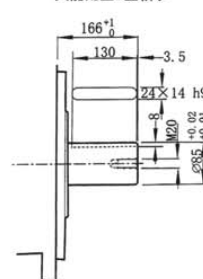
BEARING OPTION E ONLY
只能配置E型轴承



Cylindrical B

圆柱平键 B

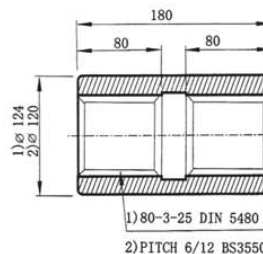
BEARING OPTION E ONLY
只能配置E型轴承



SPLINE DATA – 花键参数

DIN	80-3-25 DIN 5480	pitch 6/12 BS 3550
d0	∅ 75.0	A ∅ 88.0 ^{-0.047} _{-0.17}
d1	∅ 80.0 ^{+0.870} ₊₀ H14	B ∅ 84.6
d2	∅ 74.0 ^{+0.190} ₊₀ H11	C ∅ 80.0 ^{-0.480} _{-0.070}
A	∅ 5.25	D ∅ 97.0 ^{+0.082} _{+0.030}
da	∅ 68.9 H9	E ∅ 8.12
d3	∅ 79.4 ^{-0.190} _{-0.870} h11	
d4	∅ 73.4 ^{-0.190} _{-0.870} h14	
B	∅ 6.0	
db	∅ 85.9 f8	

ADAPTORS
联轴器

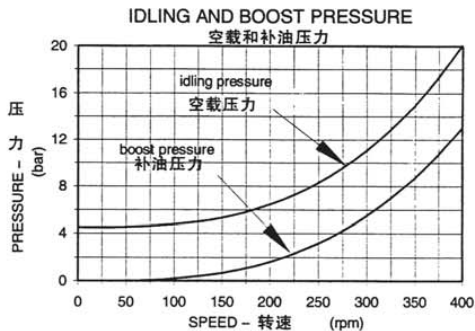
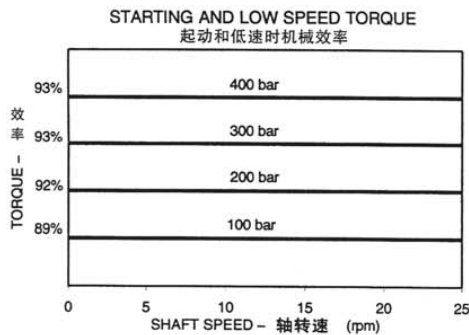
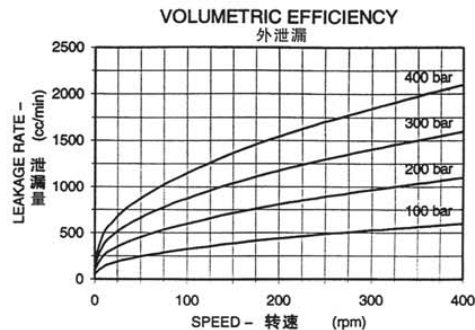
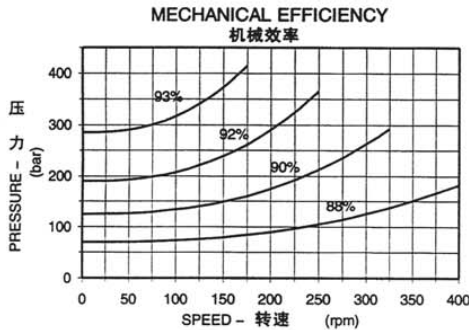


PERFORMANCE

The graphs indicate the typical performance characteristics of the **2500cc** motor operating with mineral oil with viscosity 40 cSt at 50 °C.

特性曲线

下列图表为排量**2500cc**的马达，在工作液采用矿物油，粘度40cSt,油温50°C工作时的典型特性曲线。



BEARING LIFETIME

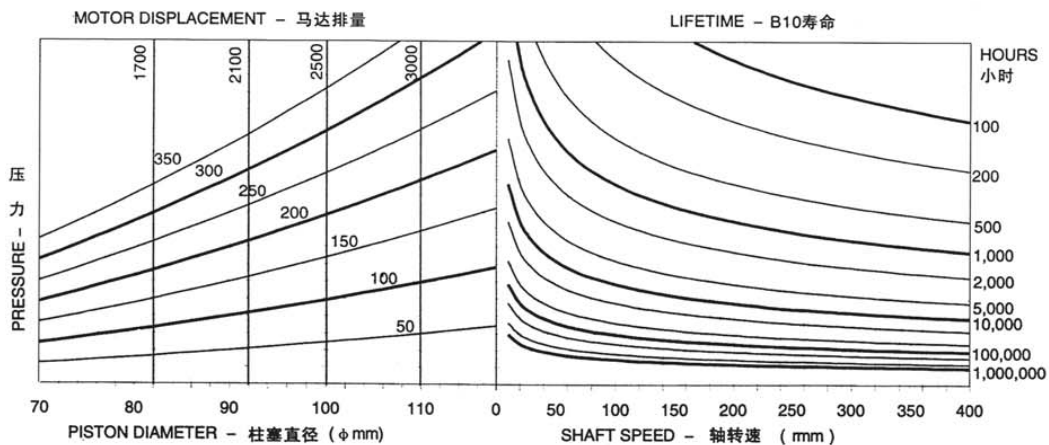
The graph refers to the motor with the standard spherical roller bearings.

Note that the average lifetime of a bearing (B_{50} lifetime) is approximately 5 times the B_{10} lifetime.

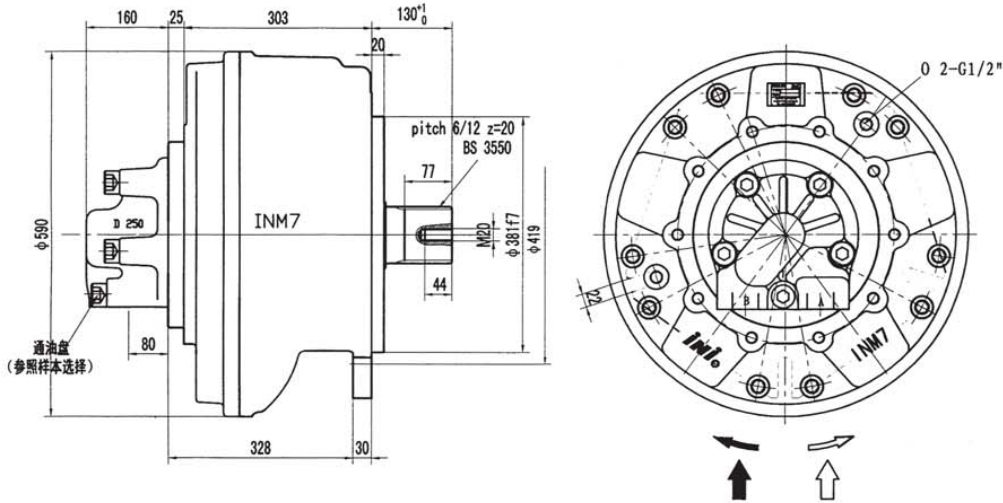
轴承寿命

该图表适用配置滚柱轴承的马达。

注意轴承平均寿命 (B_{50} 寿命) 大约是 B_{10} 寿命的5倍。



12. INM7系列液压马达安装连接尺寸图
INM7 SERIES HYDRAULIC DIMENSIONS OF CONNECTION



输出轴样式 SHAFTS



花键参数 SPLINE DATA

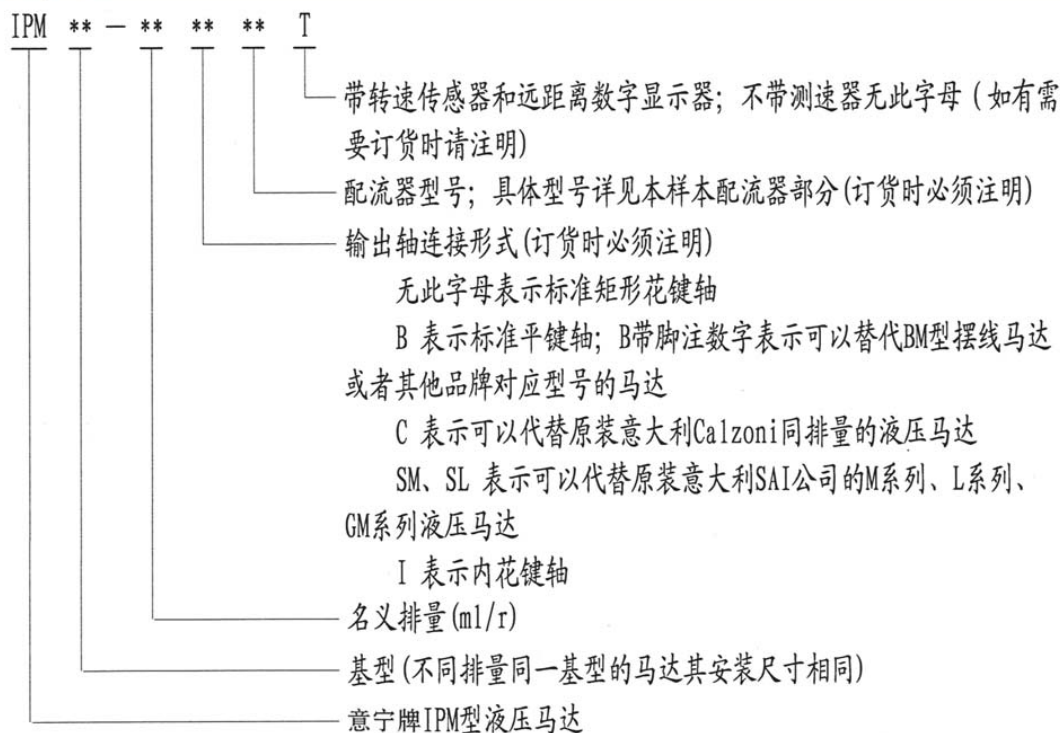
	80-3-25 DIN 5480		pitch 6/12 BS 3550
	d0	φ 75.0	A φ 88.0 ^{+0.047} _{-0.17}
	d1	φ 80.0 H14	B φ 84.6
	d2	φ 74.0 H11	C φ 80.0 ^{+0.480} _{-0.070}
	A	φ 5.25	D φ 97.0 ^{+0.082} _{-0.030}
	da	φ 68.9 H9	E φ 8.12
	d3	φ 79.4 h11	
	d4	φ 73.4 h14	
	B	φ 6.0	
	db	φ 85.9 f8	

五、IPM系列液压马达

1. 概述

IPM系列马达是本公司吸收了国内外同类产品的诸多优点，并结合自身十几年的实践经验而开发出来的新型产品。它具有同系列产品排量范围广，可替换性强（大量非标定做产品可供选择，可以代替国内外其他品牌），结实耐用，美观大方等特点。

2. 型号说明



3. 型号举例

IPM3-300D31表示基型为3系列的IPM马达，名义排量为300ml/r，输出轴为标准矩形外花键轴，配流器型号为D31，不带测速装置。订货时请按此填写完整的型号，若有特殊要求请在订货合同中详细说明。

注：1. 我公司生产的IPM系列液压马达可以代替相同排量的Intermot、Calzoni、Staffa、SAI等国外品牌以及英特姆、必乐士、中意等国内品牌。

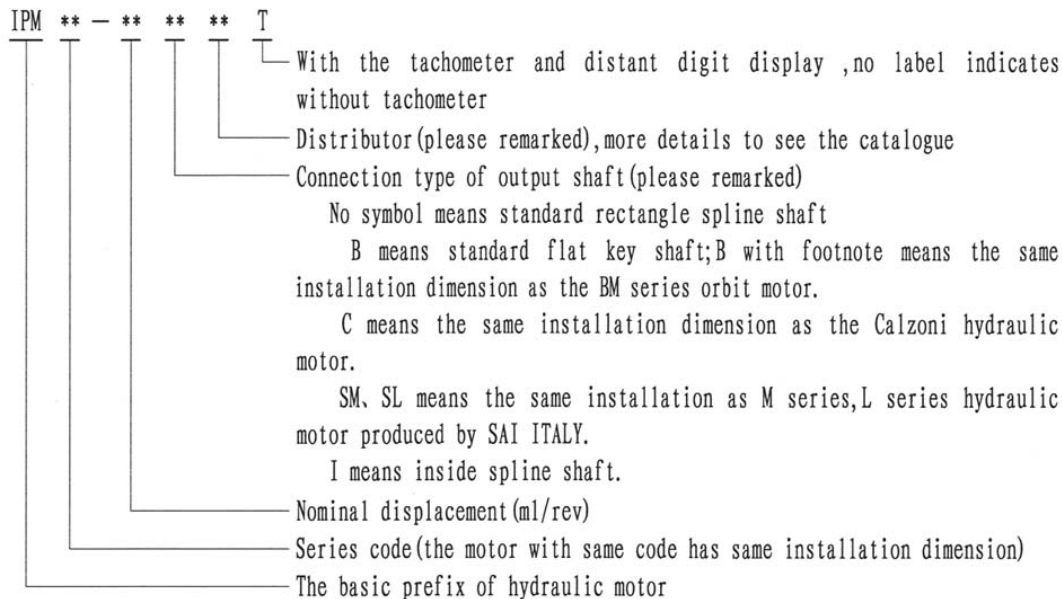
2. 如客户有特殊的非标准安装尺寸的液压马达定做，我公司可以提供技术支持，订货前请与我公司取得联系。

● IPM Series Hydraulic Motors

1. Brief Introduction

IPM series motors are new products, developed by combining advantages of similar products at home and abroad with practical experience of our company accumulated over one decade. PM series motors are characterized by wide range of displacement, great interchangeability (We produce lots of non-standards products, which can replace similar products at home and abroad.), great durability and good design.

2. Model options



3. Options example

IPM3-300D31 represents that the motor is the 3 series unit of IPM hydraulic motor, The nominal displacement is 300ml/rev, the output shaft is standard rectangle spline shaft, and distributor model is D31 without tachometer. Please fill in the complete code options when ordering. If there are any specific requests, please noted in detail in delivery contract or contact our company.

Notes:

1. IPM series motors can replace motors of same displacement produced by intermot, Calzoni, Staffa, SAI, and domestic brands, such as BIGNOZZI and Zhongyi.
2. If customers want to purchase hydraulic motors with non-standard installing dimension, we can offer technical support to customers. Please contact us before place an order.

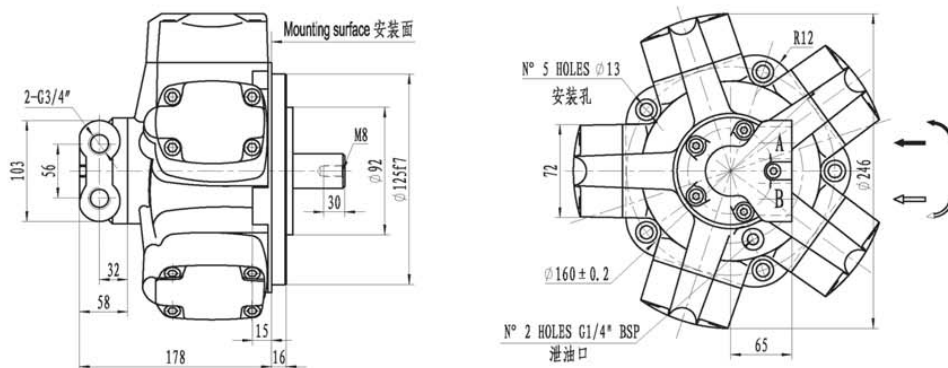
4. IPM系列液压马达技术性能参数

型号 TYPE	理论排量(ml/r) THEORETIC DISPLACEMENT	额定压力(MPa) RATED PRESSURE	尖峰压力(MPa) PEAK PRESSURE	额定扭矩(N·m) RATED TORQUE	单位扭矩(N·m/MPa) SPECIFIC TORQUE	转速范围(r/min) SPEED RANGE	最大功率(kW) Max POWER	重量(kg) WEIGHT		
IPM1-50	56	20	28	178	8.90	15-1000	15	23		
IPM1-63	64	20	28	203	10.15	15-900				
IPM1-80	76.9	20	28	244	12.20	15-800				
IPM1-100	100	20	25	318	15.90	15-750				
IPM1-125	124	16	24	305	19.06	15-650				
IPM1-150	157	16	24	398	24.88	15-500				
IPM1-160	179	16	24	456	28.50	15-450				
IPM1-200	194	16	24	492	30.75	15-400				
IPM2-125	124	20	28	394	19.70	8-700	22	31		
IPM2-150	151	20	28	480	24.00	8-650				
IPM2-175	180	16	25	457	28.56	8-600				
IPM2-200	206	16	25	523	32.69	8-550				
IPM2-250	235	16	25	598	37.38	8-500				
IPM2-280	276	16	24	702	43.88	8-450				
IPM2-300	318	16	24	809	50.56	8-400				
IPM3-175	181	20	30	578	28.90	7-800			36	39
IPM3-200	201	20	30	640	32.00	7-700				
IPM3-250	254	20	30	810	40.50	7-600				
IPM3-300	289	20	30	920	46.00	7-500				
IPM3-350	339	16	25	864	54.00	6-420				
IPM3-400	403	16	25	1027	64.19	6-350				
IPM3-420	427	16	25	1088	68.00	6-330				
IPM3-450	451	16	25	1148	71.75	6-300				
IPM4-400	397	20	30	1265	63.25	5-500	52	66		
IPM4-450	452	20	30	1440	72.00	5-480				
IPM4-500	490	20	30	1562	78.10	5-450				
IPM4-600	593	20	30	1890	94.50	5-420				
IPM4-650	660	16	25	1680	105.00	5-400				
IPM4-700	706	16	25	1800	112.50	5-380				
IPM4-750	754	16	25	1921	120.06	5-350				
IPM4-800	815	16	25	2064	129.00	5-300				
IPM5-700	713	20	30	2268	113.40	4-400	68	84		
IPM5-750	763	20	30	2428	121.40	4-380				
IPM5-800	815	20	30	2594	129.70	4-350				
IPM5-850	868	16	25	2196	137.25	4-340				
IPM5-900	895	16	25	2278	142.38	4-320				
IPM5-1000	1009	16	25	2774	173.38	4-300				
IPM6-700	714	20	30	2260	113.00	4-400			78	98
IPM6-800	792	20	30	2520	126.00	4-400				
IPM6-900	904	20	30	2860	143.00	4-380				
IPM6-1000	992	20	30	3140	157.00	4-320				
IPM6-1100	1116	20	30	3540	177.00	3-300				
IPM6-1200	1247	16	25	3168	198.00	3-280				
IPM6-1300	1315	16	25	3344	209.00	3-250				

型号 TYPE	理论排量 (ml/r) THEORIC DISPLACEMENT	额定压力 (MPa) RATED PRESSURE	尖峰压力 (MPa) PEAK PRESSURE	额定扭矩 (N·m) RATED TORQUE	单位扭矩 (N·m/MPa) SPECIFIC TORQUE	转速范围 (r/min) SPEED RANGE	最大功率 (kW) Max POWER	重量 (kg) WEIGHT		
IPM6-1400	1406	16	25	3568	223.00	3-230	78	98		
IPM6-1500	1481	16	25	3760	235.00	3-210				
IPM6-1600	1597	16	25	4064	254.00	3-200				
IPM7-1400	1413	20	30	4500	225.00	2-300	95	158		
IPM7-1600	1648	20	30	5248	262.40	2-250				
IPM7-1800	1815	18	28	5184	288.00	2-220				
IPM7-2000	2035	16	25	5168	323.00	2-200				
IPM7-2200	2268	16	25	5776	361.00	2-180				
IPM7-2400	2480	16	25	6304	394.00	2-160				
IPM8-2450	2449	20	30	7780	389.00	2-200	128	307		
IPM8-2550	2559	20	30	8140	407.00	2-200				
IPM8-2800	2845	18	28	8136	452.00	1-175				
IPM8-3000	3023	16	25	7696	481.00	1-150				
IPM8-3300	3333	16	25	8480	530.00	1-150				
IPM8-3500	3526	16	25	8976	561.00	1-130				
IPM8-4000	3998	16	25	10176	636.00	1-130				
IPM9-3550	3560	20	28	11320	566.00	1-160			145	392
IPM9-3700	3720	20	28	11840	592.00	1-160				
IPM9-4000	4136	20	28	13160	658.00	1-150				
IPM9-4400	4396	16	25	11184	699.00	1-150				
IPM9-4800	4846	16	25	12336	771.00	1-125				
IPM9-5000	5127	16	25	13040	815.00	1-120				
IPM9-5500	5514	16	25	14032	877.00	1-120				
IPM9-5800	5814	16	25	14800	925.00	1-110				
IPM9-6300	6322	16	25	16096	1006.00	1-110				
IPM10-6000	6056	20	28	19276	963.80	1-110	160	720		
IPM10-6500	6437	20	28	20489	1024.45	1-105				
IPM10-7000	7096	20	28	22587	1129.35	1-100				
IPM10-7500	7508	16	25	19118	1194.88	1-95				
IPM10-8000	8074	16	25	20560	1285.00	1-90				
IPM10-8500	8512	16	25	21696	1356.00	1-90				
IPM11-9000	8953	20	28	28470	1423.50	0.5-100	220	900		
IPM11-9500	9559	20	28	30398	1519.90	0.5-95				
IPM11-10000	10028	20	28	31889	1594.45	0.5-90				
IPM11-11000	10507	16	25	26730	1670.63	0.5-85				
IPM11-11500	11331	16	25	28826	1801.63	0.5-85				
IPM11-12000	12186	16	25	31001	1937.56	0.5-80				
IPM12-14000	14389	20	28	45757	2287.85	0.5-75	250	1800		
IPM12-15500	15667	20	28	49821	2491.05	0.5-70				
IPM12-16500	16460	20	28	52342	2617.10	0.5-70				
IPM12-17000	17000	20	28	54060	2703.00	0.5-70				
IPM12-18000	18387	20	28	58470	2923.50	0.5-65				
IPM12-18500	18957	16	25	48226	3014.13	0.5-65				
IPM12-19500	19536	16	25	49700	3106.25	0.5-65				
IPM12-20000	19829	16	25	50446	3152.88	0.5-65				
IPM12-21500	21325	16	25	54250	3390.63	0.5-65				
IPM12-23000	22857	16	25	58194	3637.13	0.5-60				

IPM1系列液压马达 IPM1 Series Hydraulic Motors

DIMENSIONS

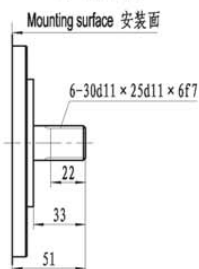


SHAFTS

轴伸型式

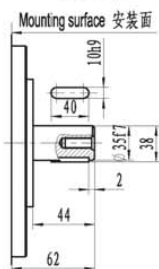
Standard external splined IPM1-**

标准外花键

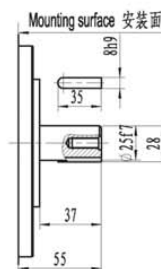


Standard cylindrical IPM1-**B

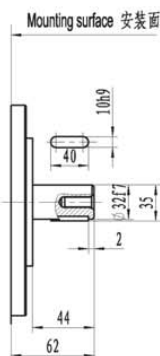
标准平键



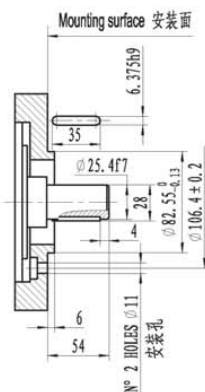
IPM1-**B28



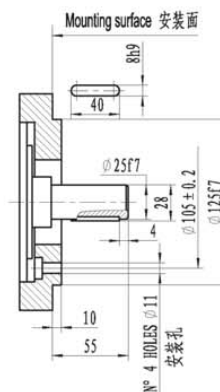
IPM1-**B31



IPM1-**B3

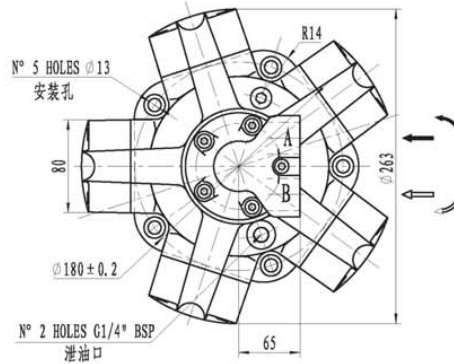
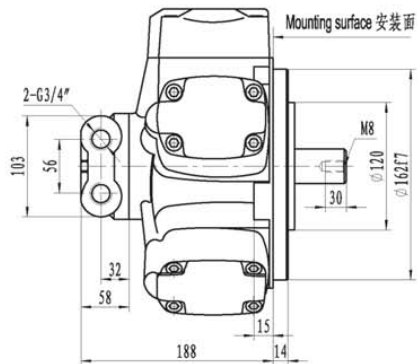


IPM1-**B11



IPM2系列液压马达 IPM2 Series Hydraulic Motors

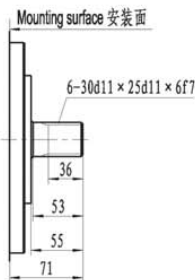
DIMENSIONS



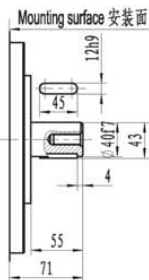
SHAFTS

输出轴样式

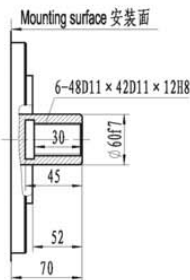
Standard external splined IPM2-**
标准外花键



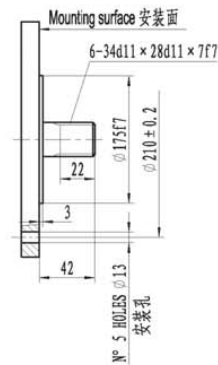
Standard cylindrical IPM2-***B
标准平键



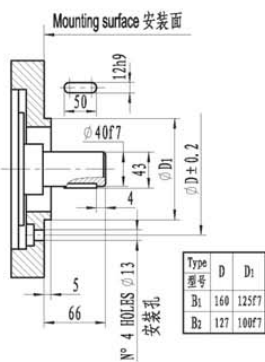
Standard internal splined IPM2-***I
标准内花键



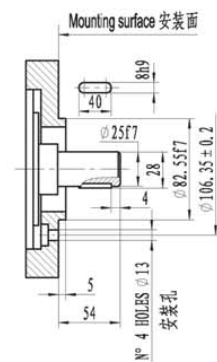
IPM2-***SL1



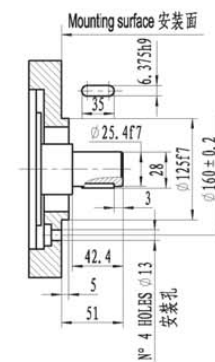
IPM2-***B1, B2



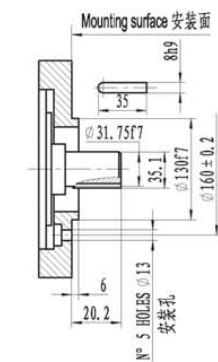
IPM2-***B24



IPM2-***B3

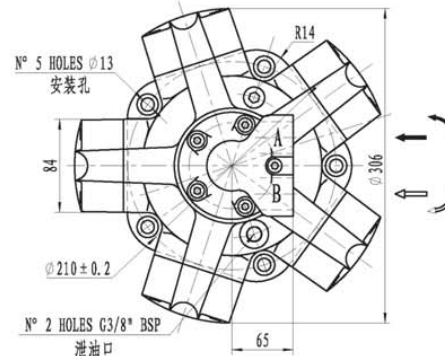
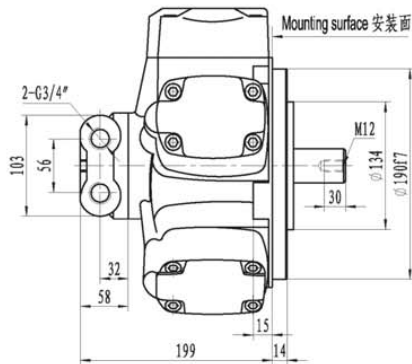


IPM2-***B14



IPM3系列液压马达 IPM3 Series Hydraulic Motors

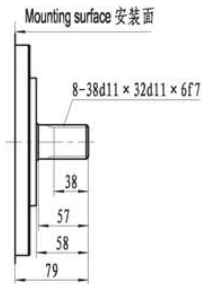
DIMENSIONS



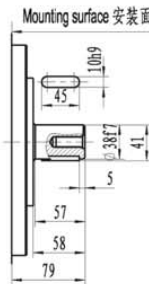
SHAFTS

输出轴样式

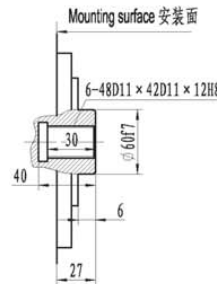
Standard external splined IPM3-**
标准外花键



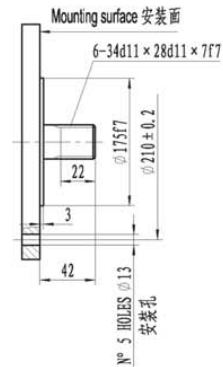
Standard cylindrical IPM3-**B
标准平键



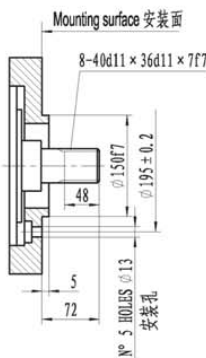
Standard internal splined IPM3-**I
标准内花键



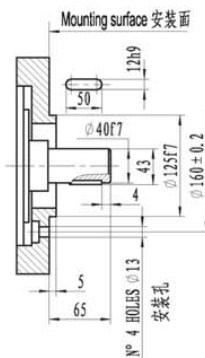
IPM3-**SL1



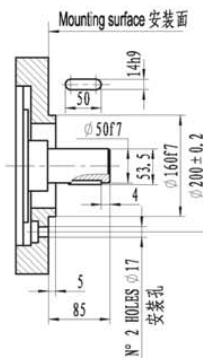
IPM3-**SL2



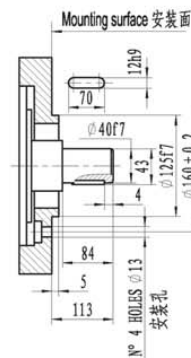
IPM3-**B1



IPM3-**B2

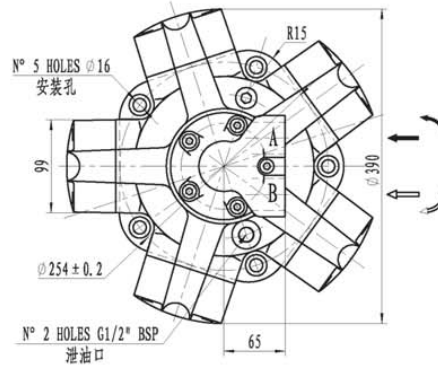
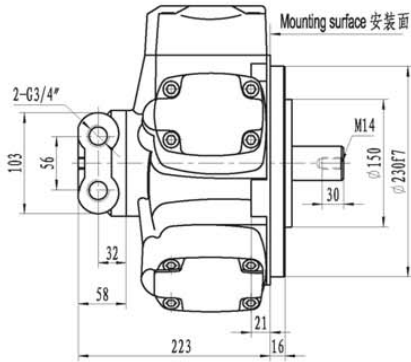


IPM3-**B3



IPM4系列液压马达 IPM4 Series Hydraulic Motors

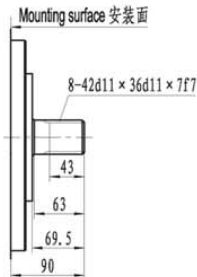
DIMENSIONS



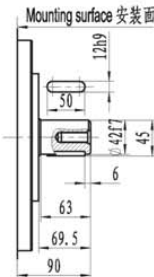
SHAFTS

输出轴样式

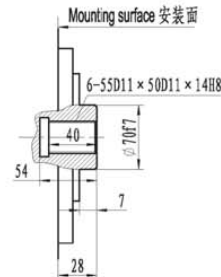
Standard external splined IPM4-***
标准外花键



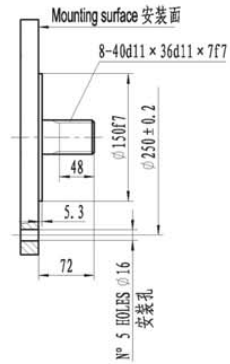
Standard cylindrical IPM4-***B
标准平键



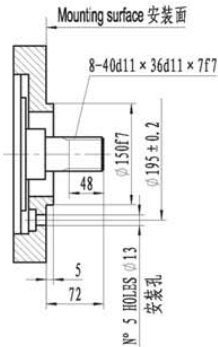
Standard internal splined IPM4-***I
标准内花键



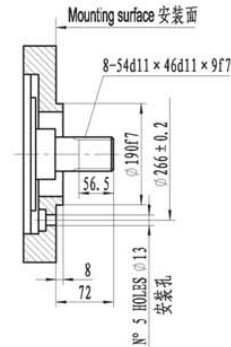
IPM4-***SL3



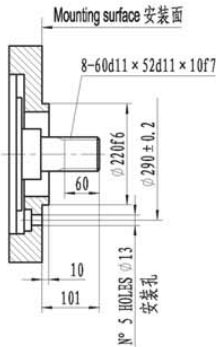
IPM4-***SL2



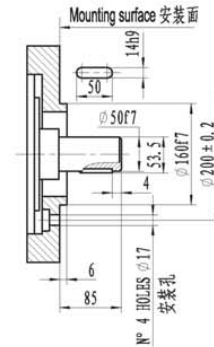
IPM4-***N



IPM4-***N1

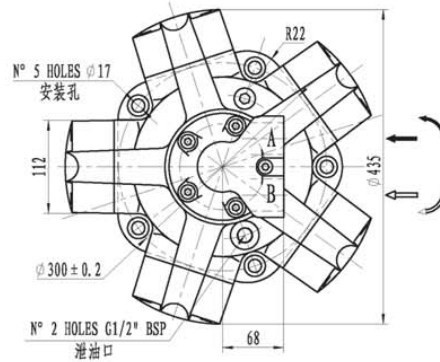
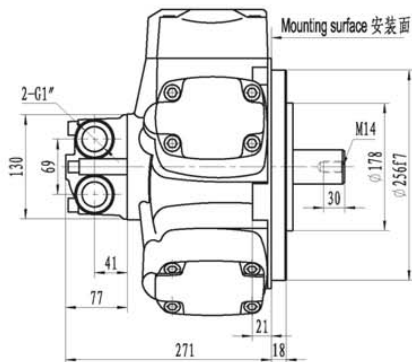


IPM4-***B2



IPM5系列液压马达 IPM5 Series Hydraulic Motors

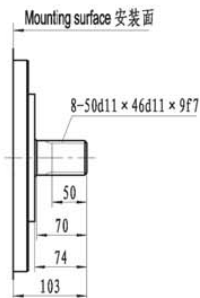
DIMENSIONS



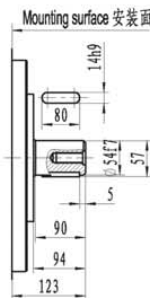
SHAFTS

输出轴样式

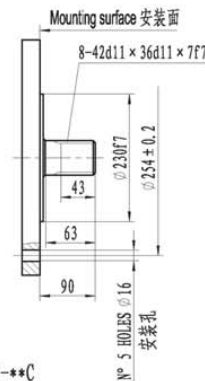
Standard external splined IPM5-**
标准外花键



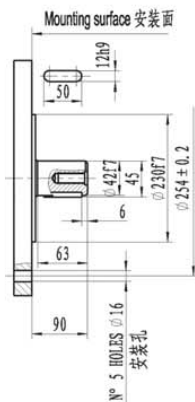
Standard cylindrical IPM5-***B
标准平键



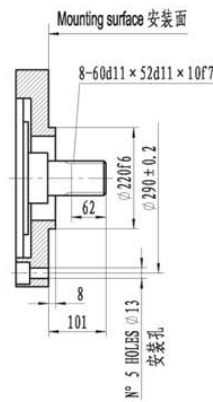
IPM5-***4



IPM5-***4B

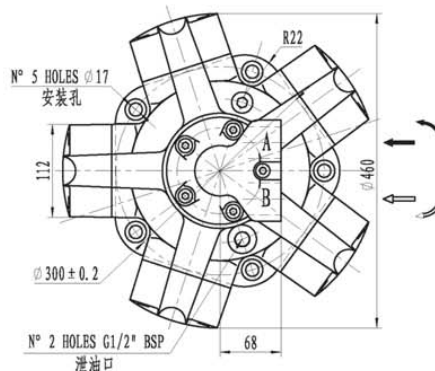
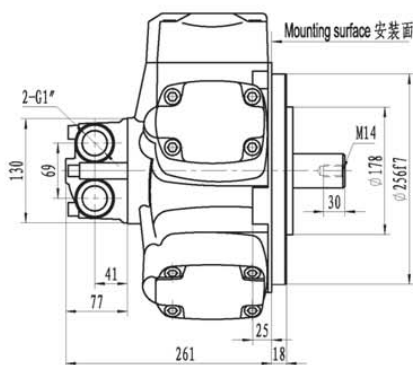


IPM5-***C



IPM6系列液压马达 IPM6 Series Hydraulic Motors

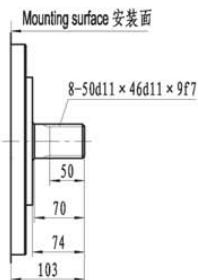
DIMENSIONS



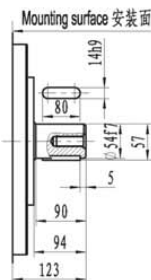
SHAFTS

输出轴样式

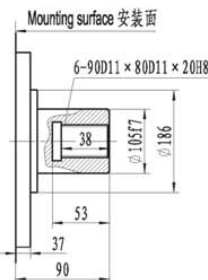
Standard external splined IPM6-**
标准外花键



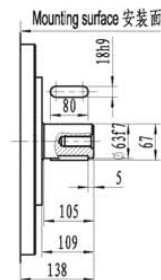
Standard cylindrical IPM6-**B
标准平键



Standard internal splined IPM6-**I
标准内花键



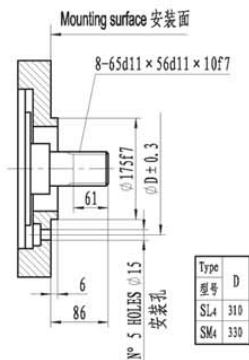
IPM6-**D



IPM6-**SL3

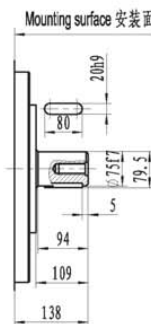


IPM6-**SL4, SM4

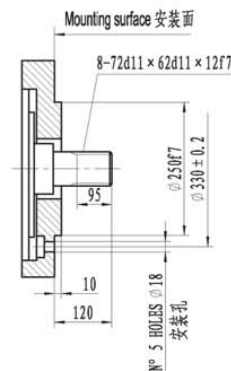


Type	D
SL4	310
SM4	330

IPM6-**B29

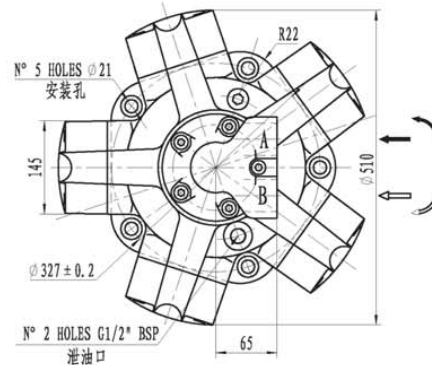
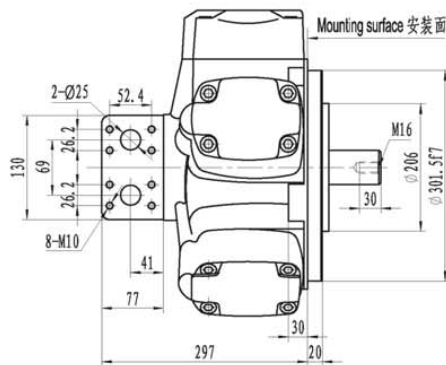


IPM6-**K



IPM7系列液压马达 IPM7 Series Hydraulic Motors

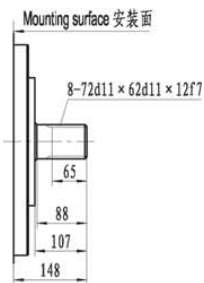
DIMENSIONS



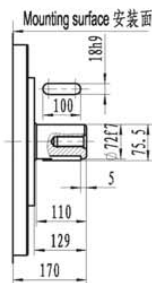
SHAFTS

输出轴样式

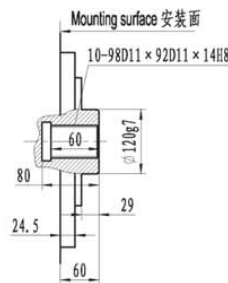
Standard external splined IPM7-**
标准外花键



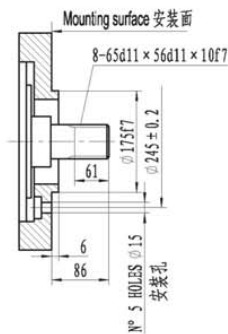
Standard cylindrical IPM7-**B
标准平键



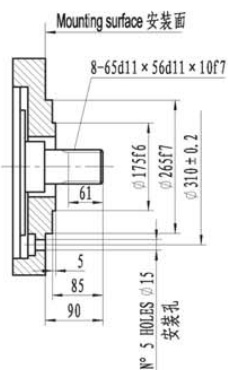
Standard internal splined IPM7-**I
标准内花键



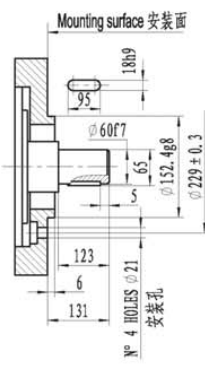
IPM7-**SM4



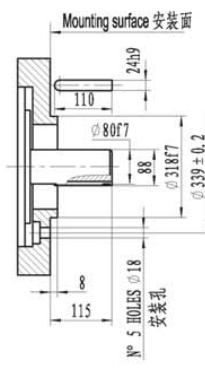
IPM7-**SL5



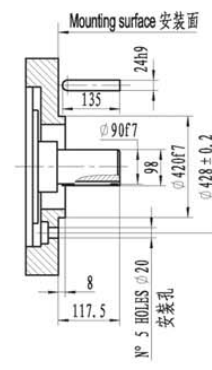
IPM7-**B6



IPM7-**B17

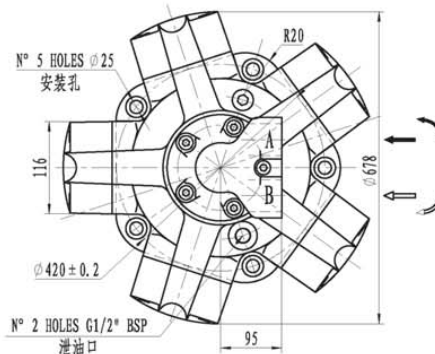
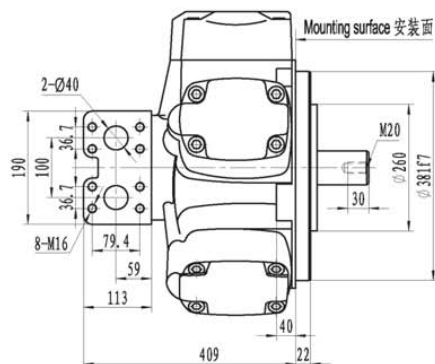


IPM7-**B18



IPM8系列液压马达 IPM8 Series Hydraulic Motors

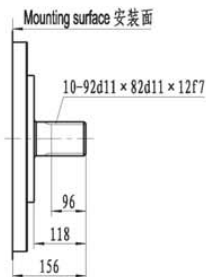
DIMENSIONS



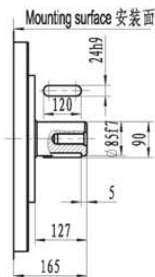
SHAFTS

输出轴样式

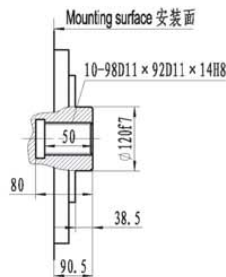
Standard external splined IPM8-***
标准外花键



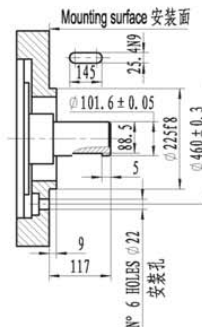
Standard cylindrical IPM8-***B
标准平键



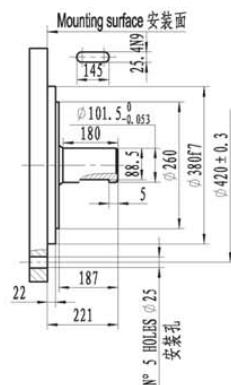
Standard internal splined IPM8-***I
标准内花键



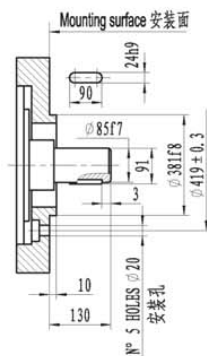
IPM8-***B8



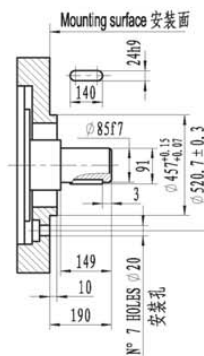
IPM8-***B10



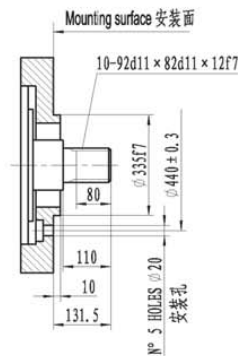
IPM8-***B21



IPM8-***B22



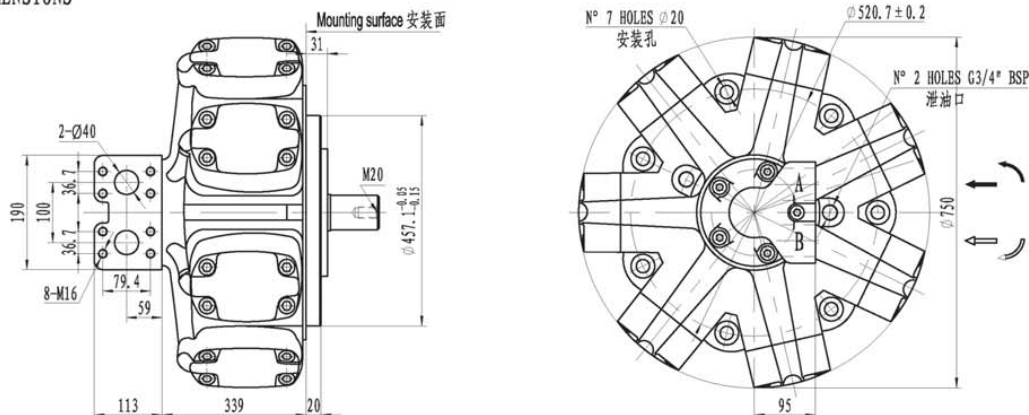
IPM8-***N1



IPM9系列液压马达

IPM9 Series Hydraulic Motors

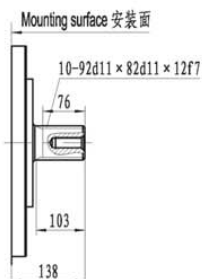
DIMENSIONS



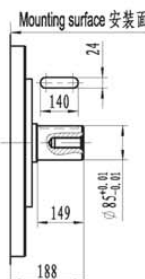
SHAFTS

输出轴样式

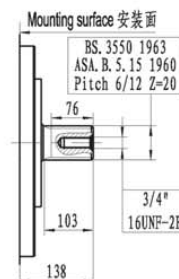
Standard external splined IPM9-***
标准外花键



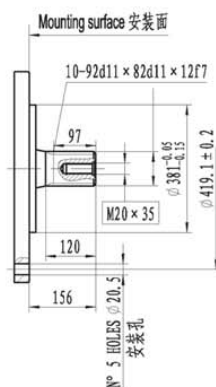
Standard cylindrical IPM9-***B
标准平键



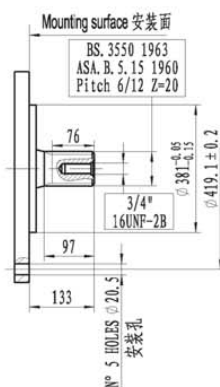
IPM9-***A



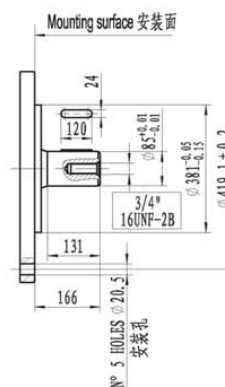
IPM9-***-8



IPM9-***A1

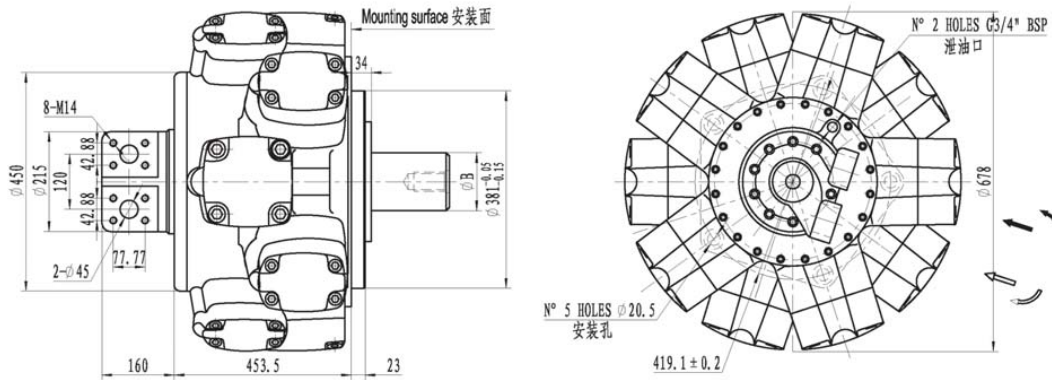


IPM9-***B1



IPM10系列液压马达 IPM10 Series Hydraulic Motors

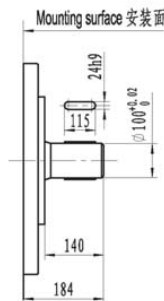
DIMENSIONS



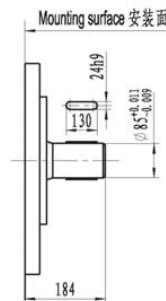
SHAFTS

输出轴样式

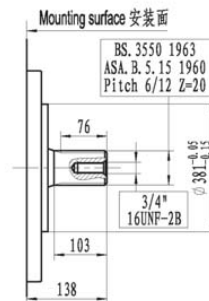
Standard cylindrical IPM10-***B
标准平键



IPM10-***B1



Standard external splined IPM10-***A
标准渐开线外花键



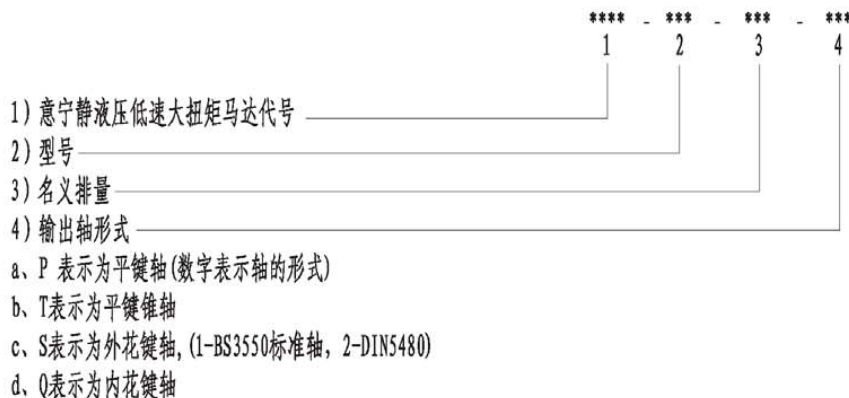
IMB 系列径向静压平衡液压马达----压力更高、转速更快、功率更大

其主要特点:

- 连杆曲面与偏心轮相对运动设计成静压平衡，解决了曲轴连杆式大功率液压马达曲拐被液柱压垮问题，因而该马达具有更高压力、更快转速、更大功率的性能输出。
- 连杆球头与柱塞内球窝采用特殊工艺及静压平衡结构，降低球铰副摩擦，从而减少柱塞与缸壁运动中侧向力。使缸壁、柱塞磨损更小。
- 柱塞密封环采用作功时涨，回程时缩结构，减少了一半接触摩擦使马达发热更少，密封环更加耐用。
- 采用静压平衡轴配油器，使配油轴始终在通油器非接触状态下转动，寿命长，同时大流道孔配油阻力小，噪声更低。
- 性能和参数已达到国外同类产品。

由于IMB系列液压马达具有以上特点，因而可广泛应用于船舶甲板机械、矿山建筑工程机械、塑料机械、重型冶金机械的高负荷工况，外形尺寸和性能参数与英国Staffa公司HMB系列马达一致，可替代进口。

产品标识说明



型号举例

IMB 325 5400 P3	
马达代号	IMB
型号	325
排量	5400ml/r
平键轴	P3

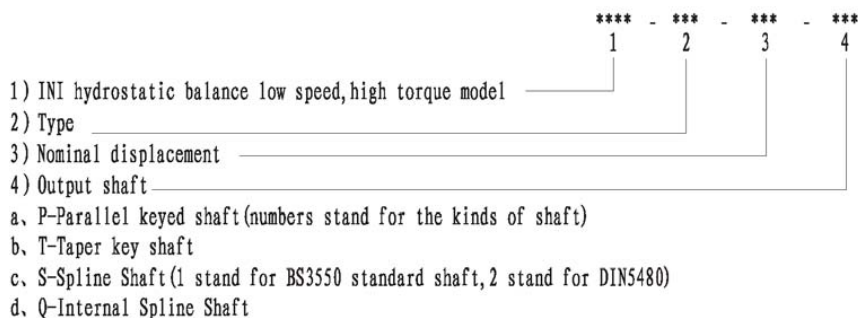
IMB hydrostatic balance hydraulic motor---higher pressure, higher speed, higher power

Main characteristics:

- The hydrostatic balance is built between the con-rod and eccentric sets, solve the problem of higher-power hydraulic motor of shaft con-rod be overwhelmed by the roller, so this motor have higher pressure, higher speed, higher power.
- Using special treatment process and hydrostatic balance between the con-rod and piston, reduce the friction loss in the load transmission, reduce the force between piston and cylinder wall, then reduce the friction loss between the piston and cylinder wall.
- The piston seal ring using special structures to reduce the friction and improve the volumetric efficiency.
- Using the hydrostatic balance shaft distributor, the distributor can rotary without connection, improve the volumetric efficiency and reduce the noise and the resistance.
- Characteristics and data is similar with Staffa.

Due to above these advantages, it has been widely applied in all kinds of hydraulic transmission system such as a ship and deck machinery construction machinery and equipment, plastic injection machine, heavy metallurgical machinery. shape and characteristics data is similar to Staffa and HMB, so IMB can instead of imports.

Ordering Code

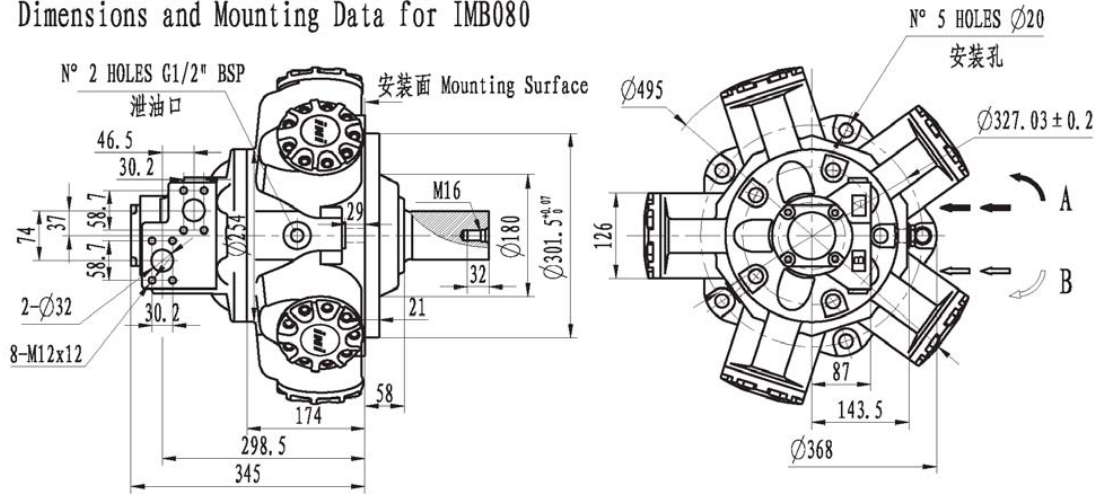


Example

IMB 325 5400 P3	
Model	IMB
Type	325
Displacement	5400ml/r
Parallel keyed shaft	P3

型号 TYPE	理论排量 (ml/r) THEORIC DISPLACEMENT	额定压力 (MPa) RATED PRESSURE	尖峰压力 (MPa) PEAK PRESSURE	额定扭矩 (N.m) RATED TORQUE	单位扭矩 (N.m/MPa) SPECIFIC TORQUE	最高转速 (r/min) MAX. SPEED	额定功率 (Kw) RATED PW	重量 (kg) WEIGHT
IMB080-1000	988	23	29	3324	145	300	90	144
IMB080-1100	1088	23	29	3661	159	300	90	
IMB080-1250	1237	23	29	4162	181	280	90	
IMB100-1400	1385	23	29	4660	203	260	100	144
IMB100-1600	1630	23	29	5484	238	240	100	
IMB125-1400	1459	23	29	4909	213	300	95	235
IMB125-1600	1621	23	29	5454	237	270	95	
IMB125-1800	1864	23	29	6271	273	235	95	
IMB125-2000	2027	23	29	6820	297	220	95	
IMB200-2400	2432	23	29	8182	356	220	120	285
IMB200-2800	2757	23	29	9276	403	195	120	
IMB200-3100	3080	23	29	10362	451	175	120	
IMB270-3300	3291	23	29	11072	481	160	130	420
IMB270-3600	3575	23	29	12028	523	145	130	
IMB270-4000	3973	23	29	13367	581	130	130	
IMB270-4300	4313	23	29	14511	631	120	130	
IMB325-4500	4538	23	29	15268	664	115	130	420
IMB325-5000	4992	23	29	16795	730	105	130	
IMB325-5400	5310	23	29	17865	777	100	130	
IMB400-5500	5510	23	29	18135	788	120	175	495
IMB400-6000	5996	23	29	19735	858	120	175	
IMB400-6500	6483	23	29	21337	928	120	175	
IMB400-6800	6807	23	29	22404	974	120	175	

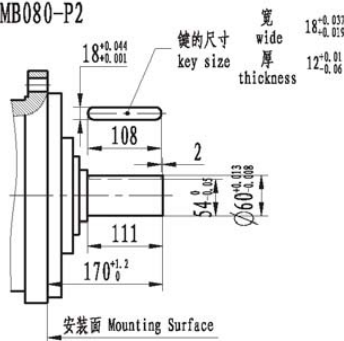
IMB080系列安装联接尺寸图
Dimensions and Mounting Data for IMB080



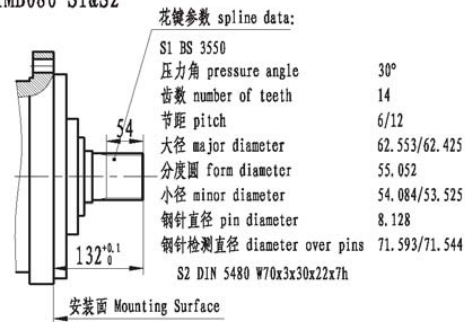
输出轴样式

SHAFTS

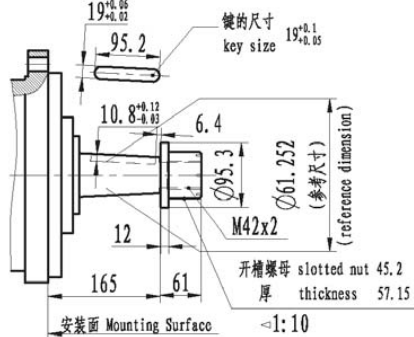
IMB080-P2



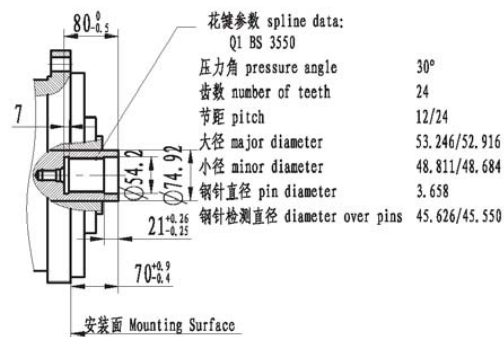
IMB080-S1&S2



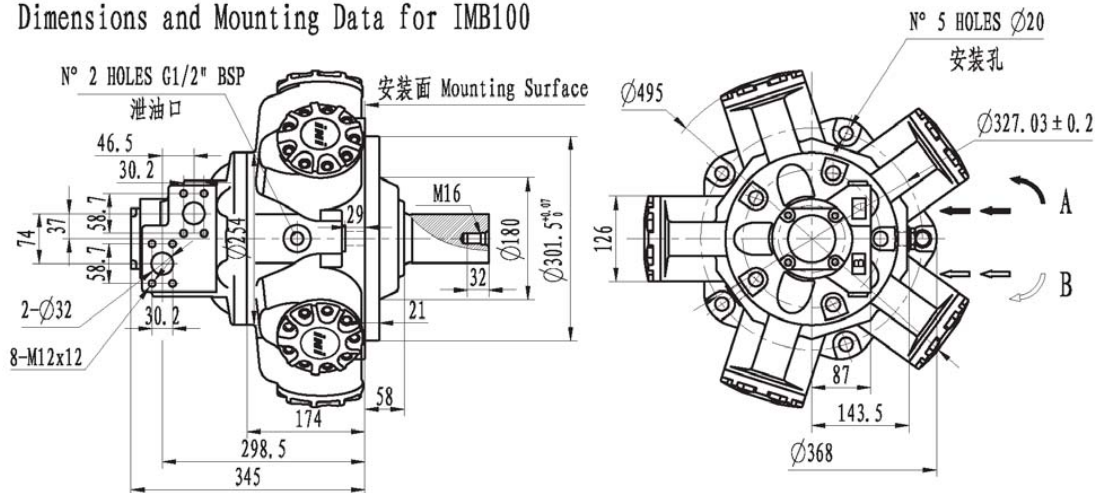
IMB080-T1



IMB080-Q1



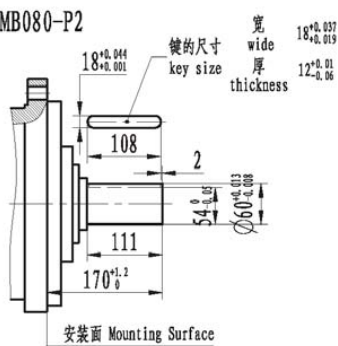
IMB100系列安装联接尺寸图
Dimensions and Mounting Data for IMB100



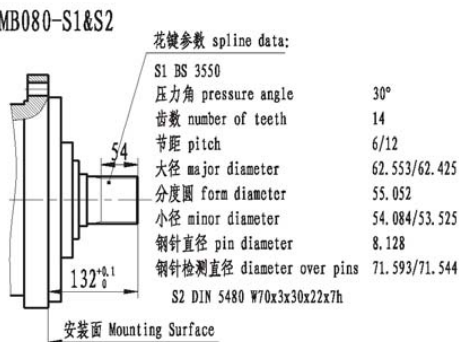
输出轴样式

SHAFTS

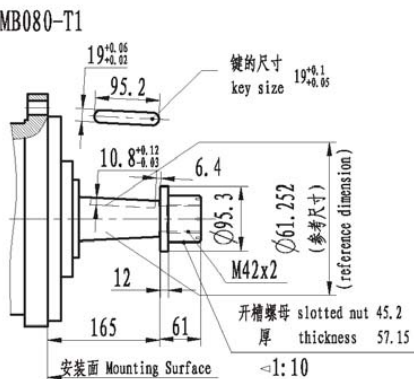
IMB080-P2



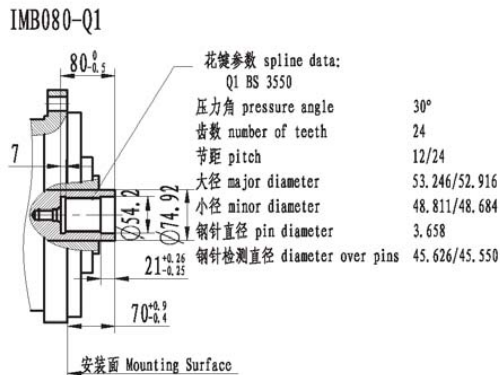
IMB080-S1&S2



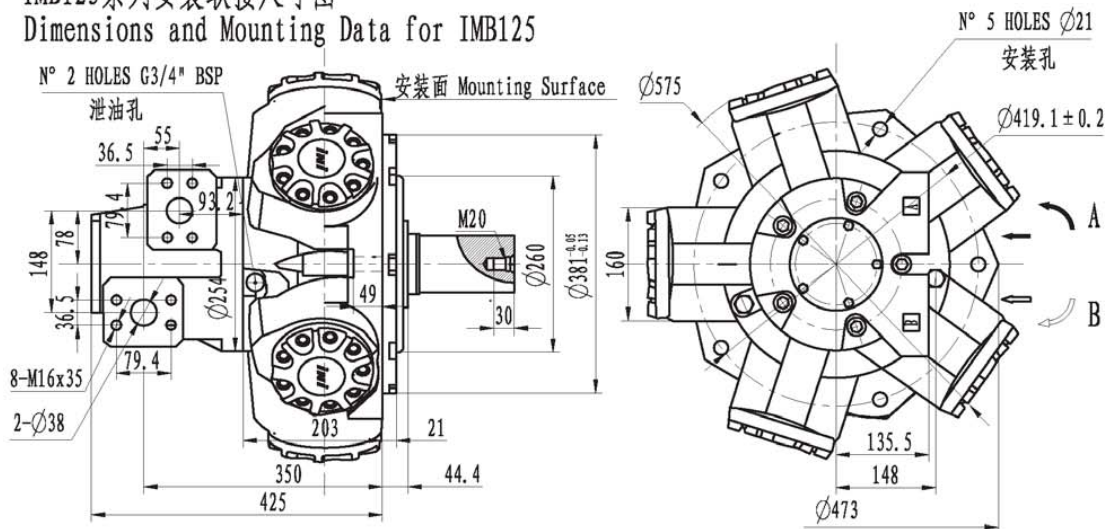
IMB080-T1



IMB080-Q1

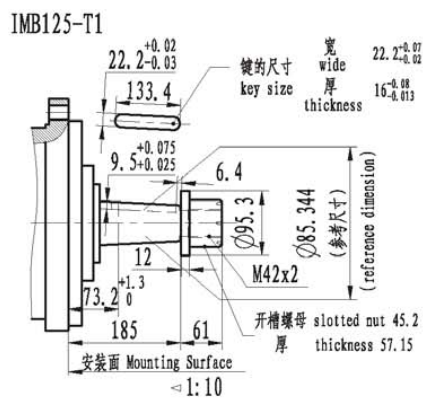
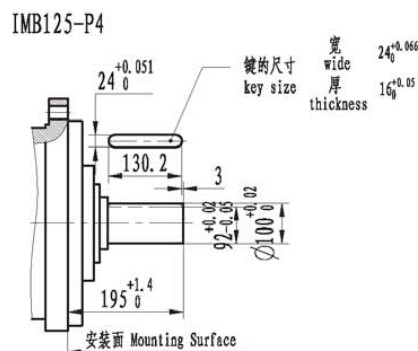
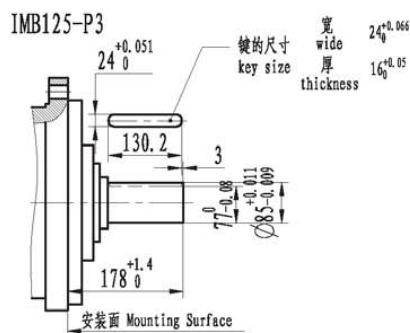
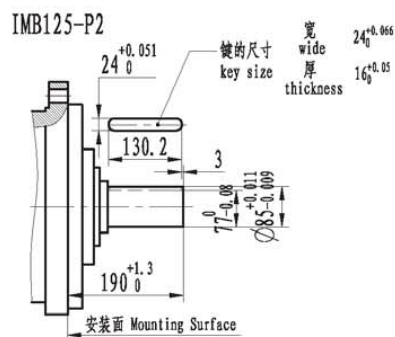


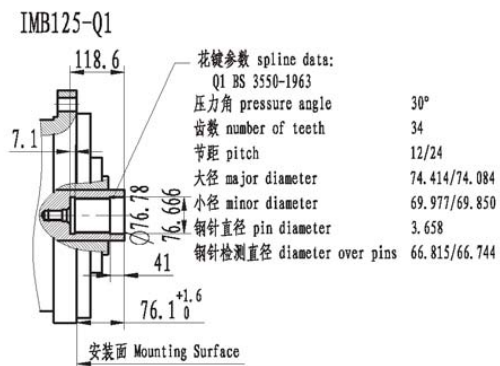
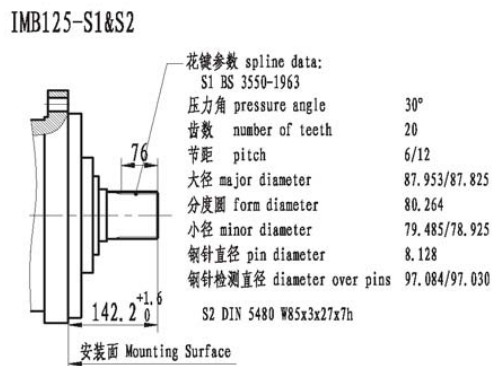
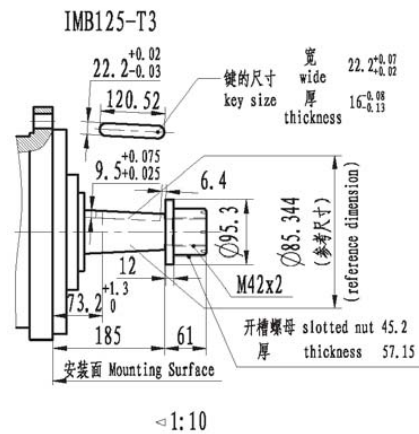
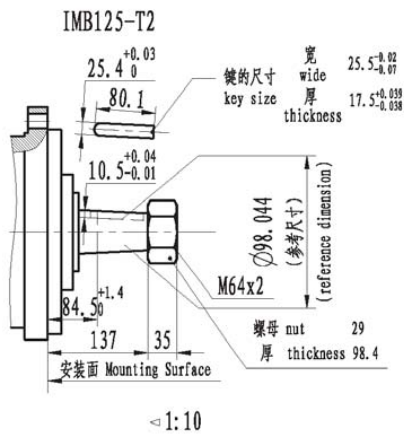
IMB125系列安装联接尺寸图
Dimensions and Mounting Data for IMB125



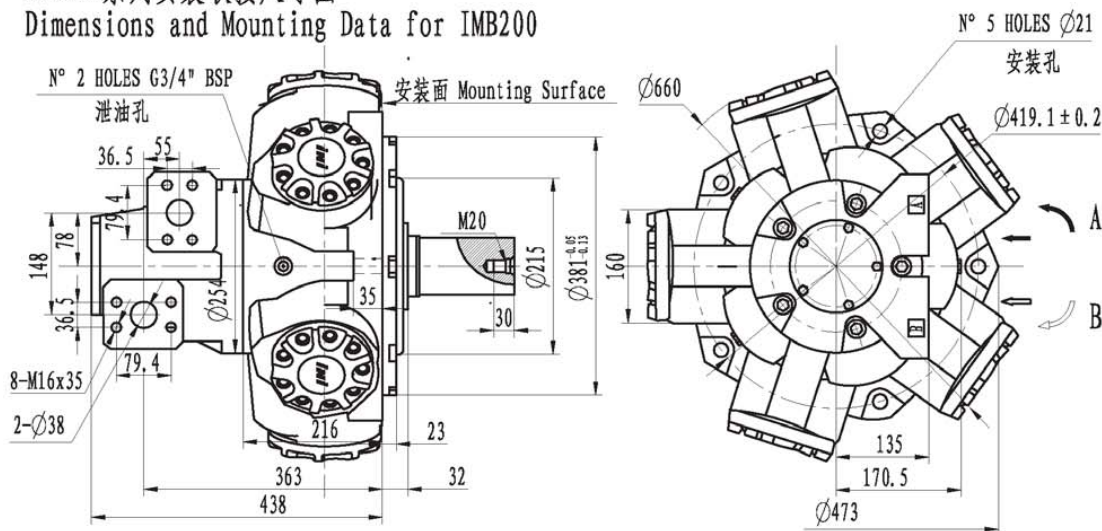
输出轴样式

SHAFTS



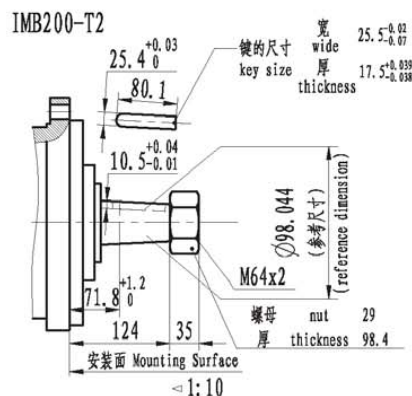
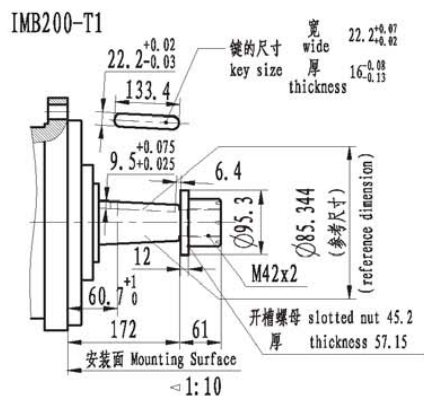
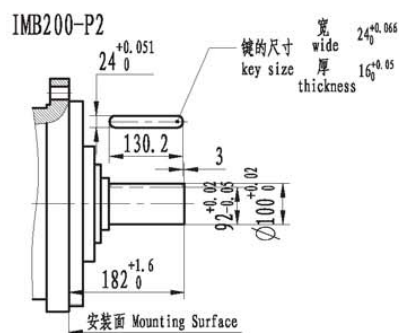
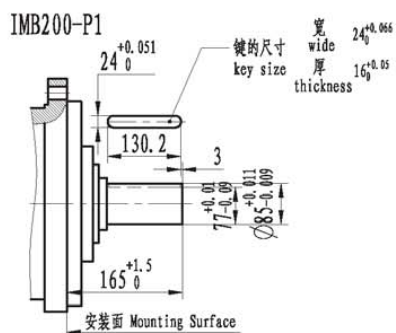


IMB200系列安装联接尺寸图
Dimensions and Mounting Data for IMB200

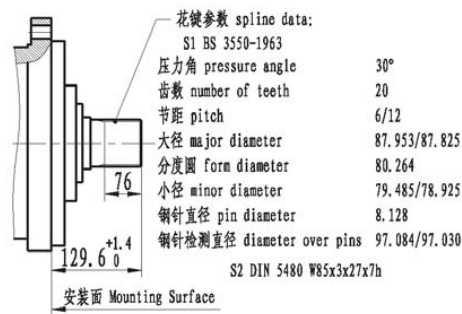


输出轴样式

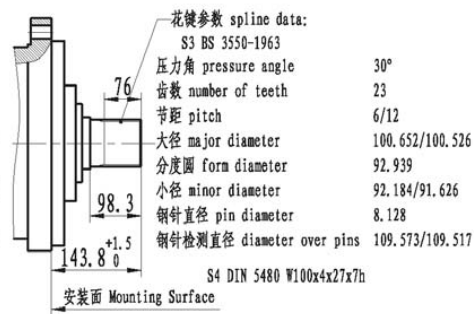
SHAFTS



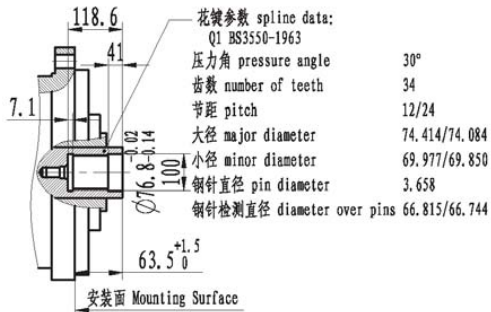
IMB200-S1&S2



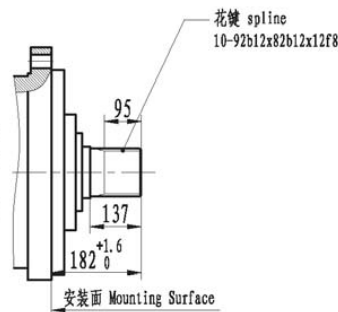
IMB200-S3&S4



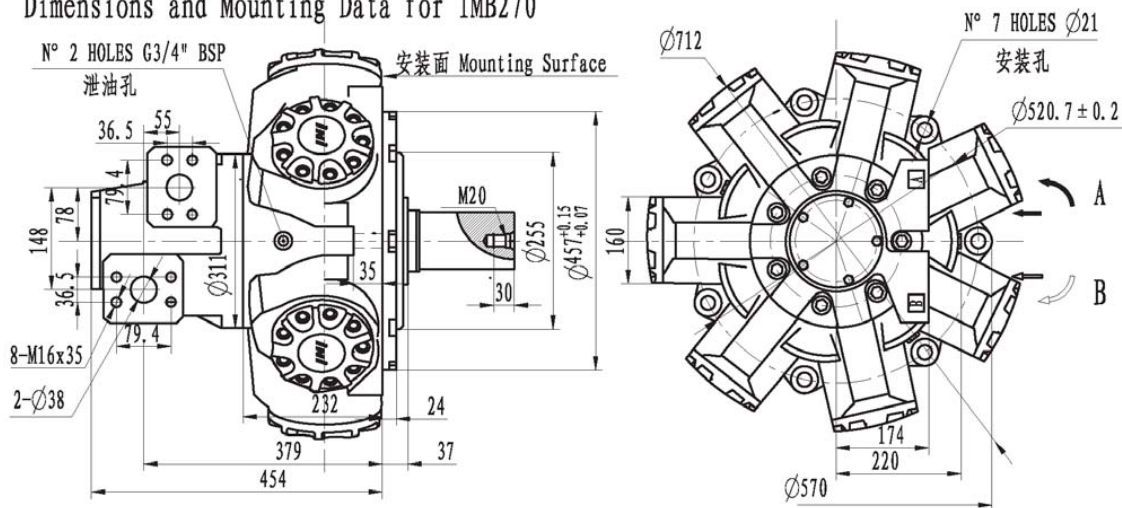
IMB200-Q1



IMB200-S5



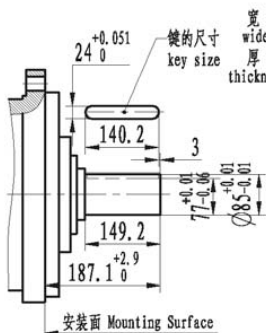
IMB270系列安装联接尺寸图
Dimensions and Mounting Data for IMB270



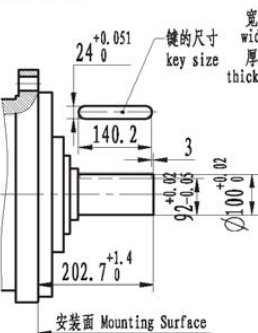
输出轴样式

SHAFTS

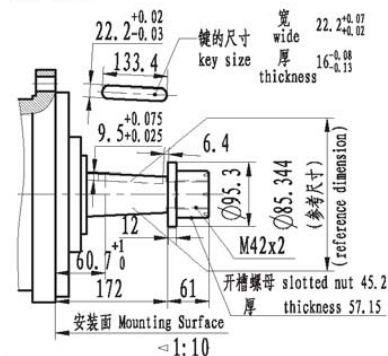
IMB270-P3



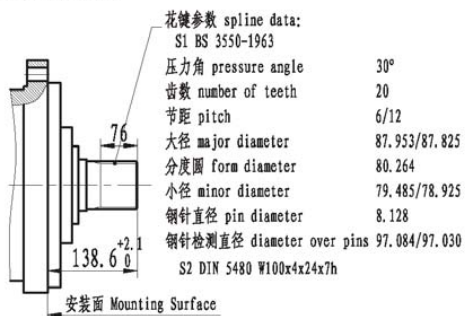
IMB270-P2



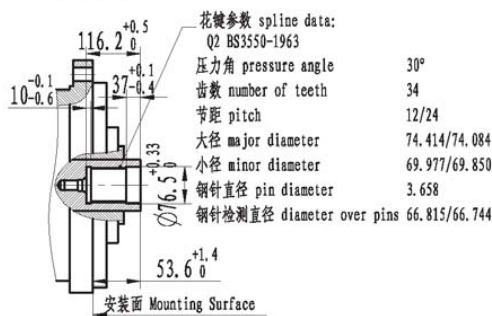
IMB270-P1



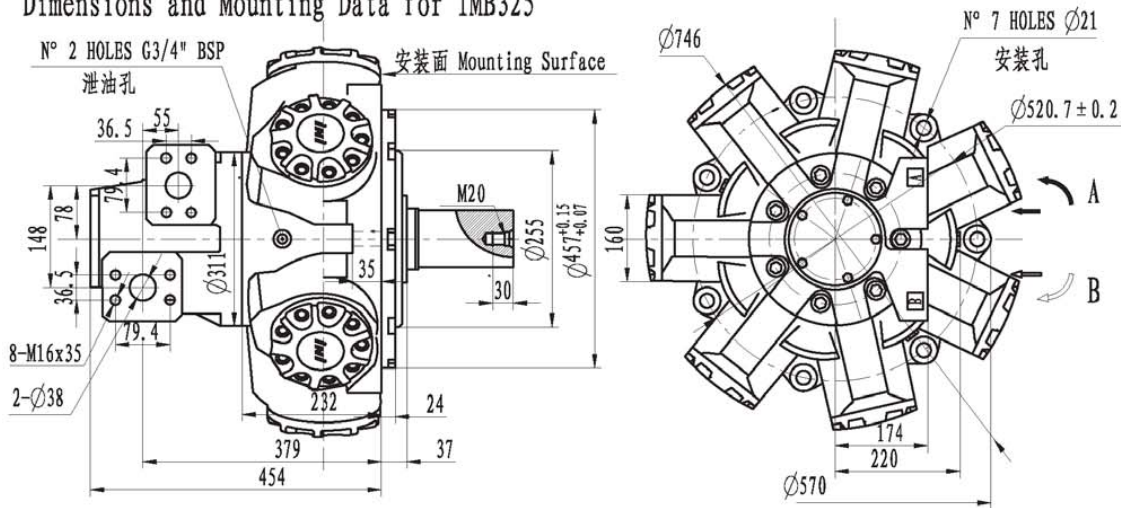
IMB270-S1&S2



IMB270-Q1



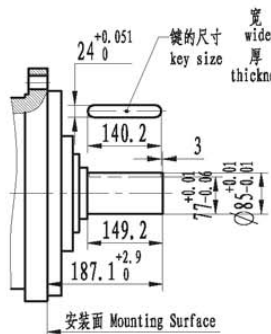
IMB325系列安装联接尺寸图
Dimensions and Mounting Data for IMB325



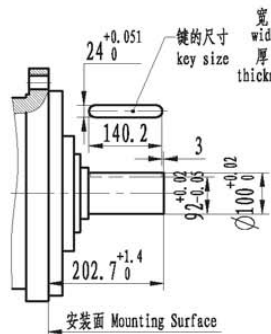
输出轴样式

SHAFTS

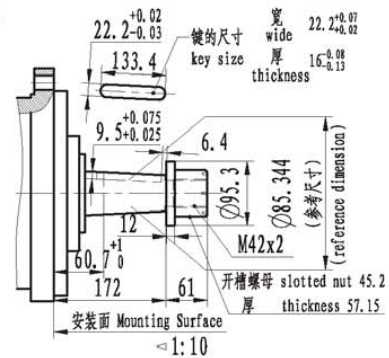
IMB325-P3



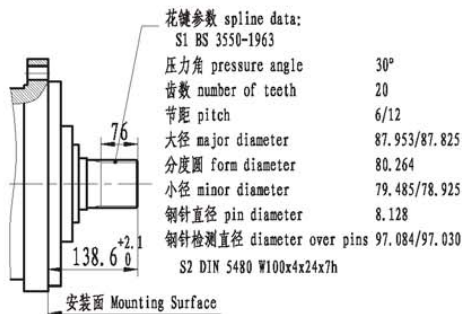
IMB325-P2



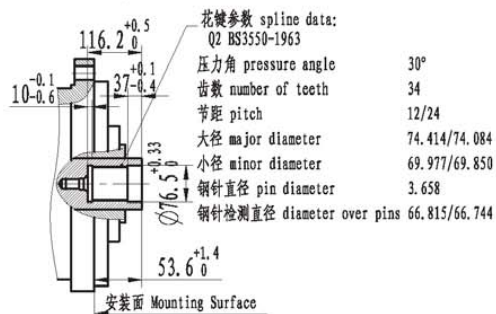
IMB325-P1



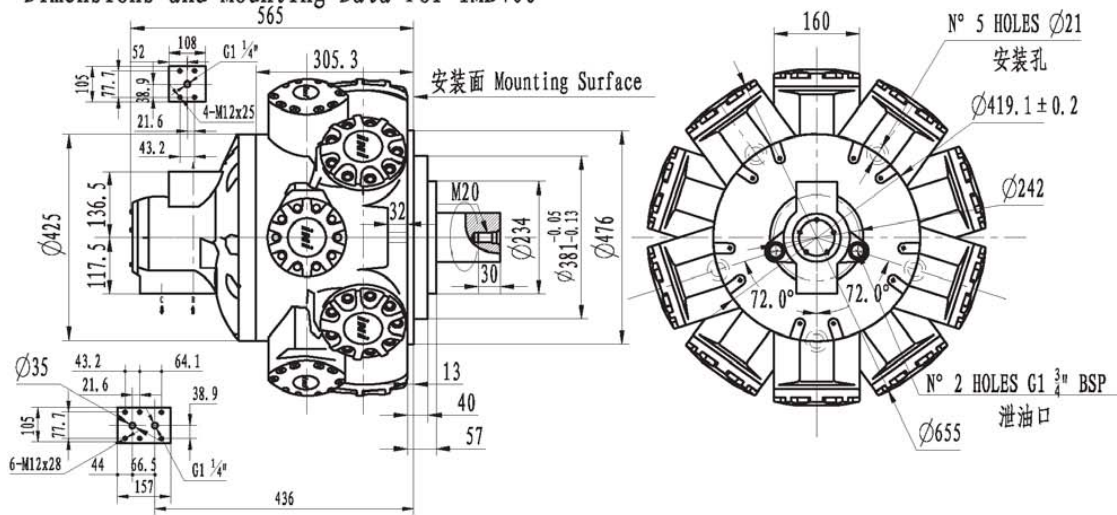
IMB325-S1&S2



IMB325-Q1

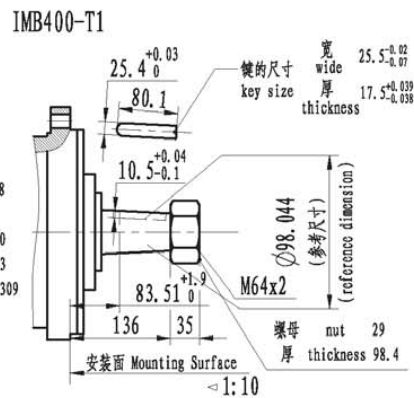
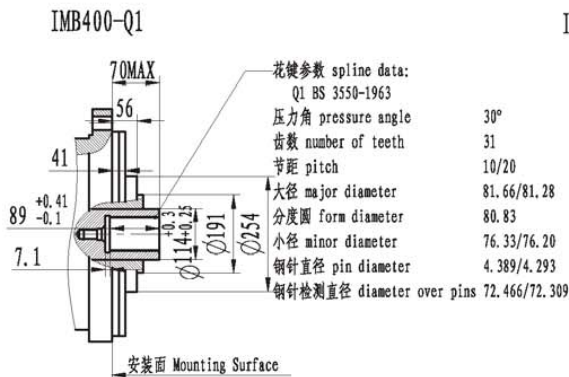
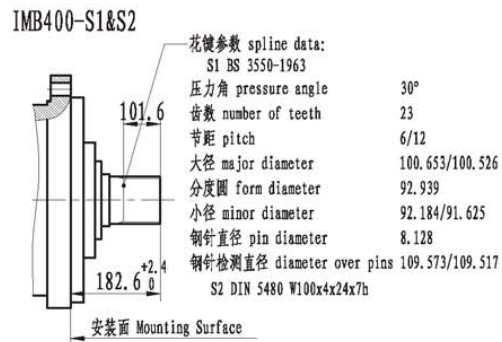
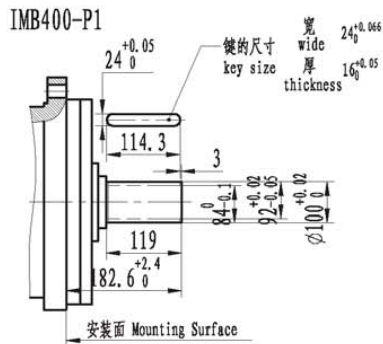


IMB400系列安装联接尺寸图
Dimensions and Mounting Data for IMB400



输出轴样式

SHAFTS



IMBP 系列马达是我公司吸收了国内外曲轴连杆式液压马达和平面配流的优点，大大地提高了液压马达的压力等级和容积效率。该系列马达具有可靠性好、效率高、寿命长、噪音低转速范围宽等一系列特点，可应用于船舶、矿山、建筑冶金、石油、煤矿、地质钻深、塑料行业等各种机械的液压传动系统中。

其主要特点:

- IMBP系列液压马达采用平面配流，泄漏少，容积效率高。
- IMBP系列液压马达在连杆和曲轴运动副间设计成静压平衡结构，使摩擦副得到良好的润滑，改善了轴的受力。
- 由于摩擦功损失和发热减少，马达的机械效率和启动效率得到提高，从而也提高了马达的工作受力。
- 该系列马达的曲轴采用了分体结构，提高了曲轴的使用寿命。
- 该系列马达的关键部位采用特殊材料和热处理工艺，有效的提高了马达的使用寿命。
- 该系列马达的外形尺寸和性能参数与英国STF公司HMB系列马达一致，可替代进口

产品标识说明



型号举例

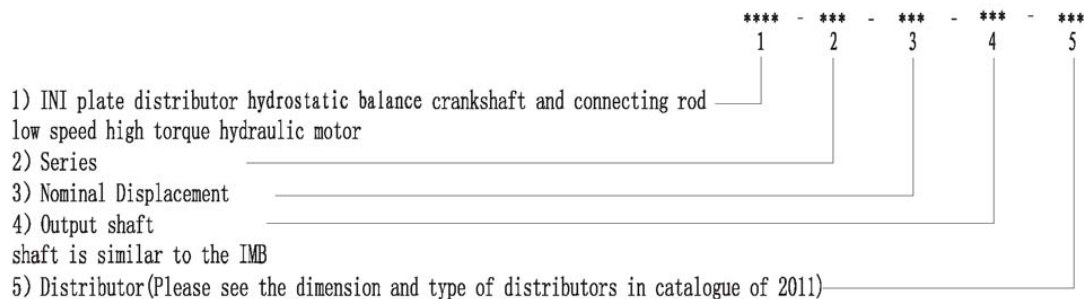
IMBP 200 2400 P1
 马达代号 IMBP
 型号 200
 排量 2400ml/r
 平键轴 P1

IMBP series hydraulic motor absorbs the advantages of crankshaft connecting rod hydraulic motor and plate distributor from both home and abroad ,improve volumetric efficiency and grade of pressure.This series motor featured compact and elegant figure, a high volumetric efficiency and power,low noise and good operating performance. Therefore, it has been widely applied to ship, construction, petroleum, mining, geological drilling, ship and deck machinery.

Main characteristics:

- Adopt plate distributor , lower drain , a high volumetric efficiency.
- Static pressure balance structure between shaft joint and connecting rod, thereby, it well smoothes the fiction joint and releases shaft pressure.
- Because of the decrease of the fiction work and heat loss, mechanical and starting efficiency increase, the motor's working force also improves.
- The shaft of this series employs fission structure to prolong motor life.
- All the key parts of this series use special material and employ special heat treatment, therefore, efficiently prolong motor life.
- As the dimension and performance data of this series are the same as HMB series of British Staffa Company, it could replace HMB .

Ordering Code



Example

IMBP 200 2400 P1	
Model	IMBP
Type	200
Displacement	2400ml/r
Parallel keyed shaft	P1



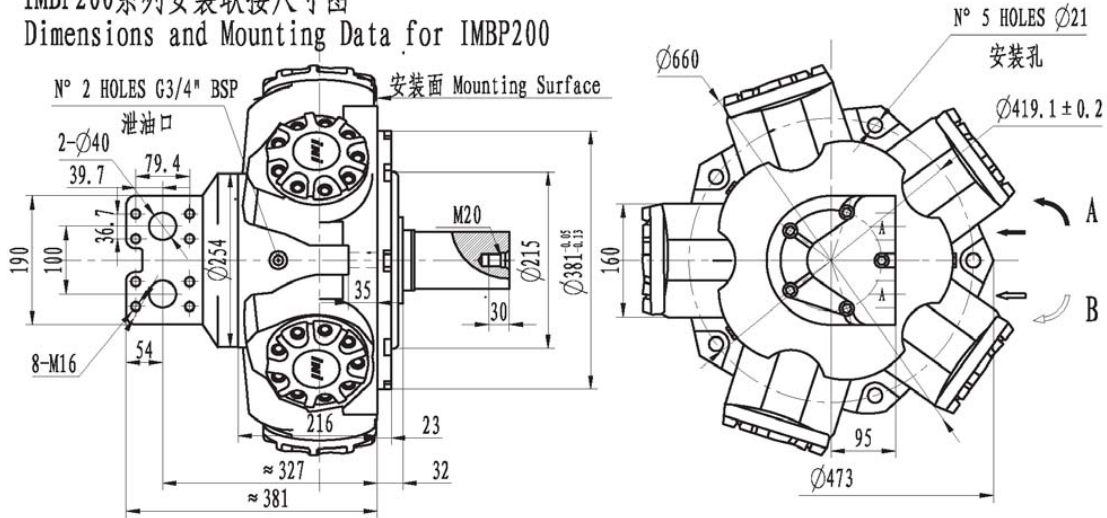
选型前请详阅各项说明

Please read carefully the specifications before selection

IMBP

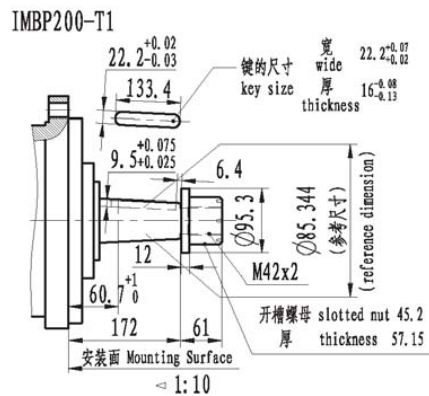
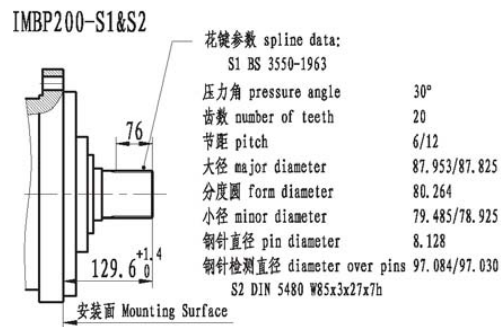
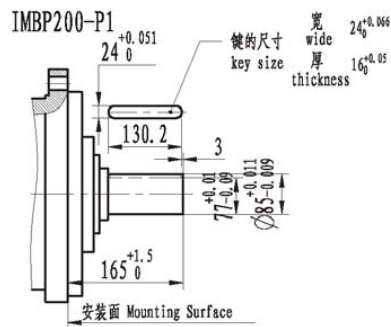
型号 TYPE	理论排量 (ml/r) THEORIC DISPLACEMENT	额定压力 (MPa) RATED PRESSURE	尖峰压力 (MPa) PEAK PRESSURE	额定扭矩 (N.m) RATED TORQUE	单位扭矩 (N.m/MPa) SPECIFIC TORQUE	最高转速 (r/min) MAX. SPEED	额定功率 (Kw) RATED PW	重量 (kg) WEIGHT
IMBP200-2400	2432	23	29	8182	356	220	120	285
IMBP200-2800	2757	23	29	9276	403	195	120	
IMBP200-3100	3080	23	29	10362	451	175	120	
IMBP270-3300	3291	23	29	11072	481	160	130	420
IMBP270-3600	3575	23	29	12028	523	145	130	
IMBP270-4000	3973	23	29	13367	581	130	130	
IMBP270-4300	4313	23	29	14511	631	120	130	

IMBP200系列安装联接尺寸图
Dimensions and Mounting Data for IMBP200

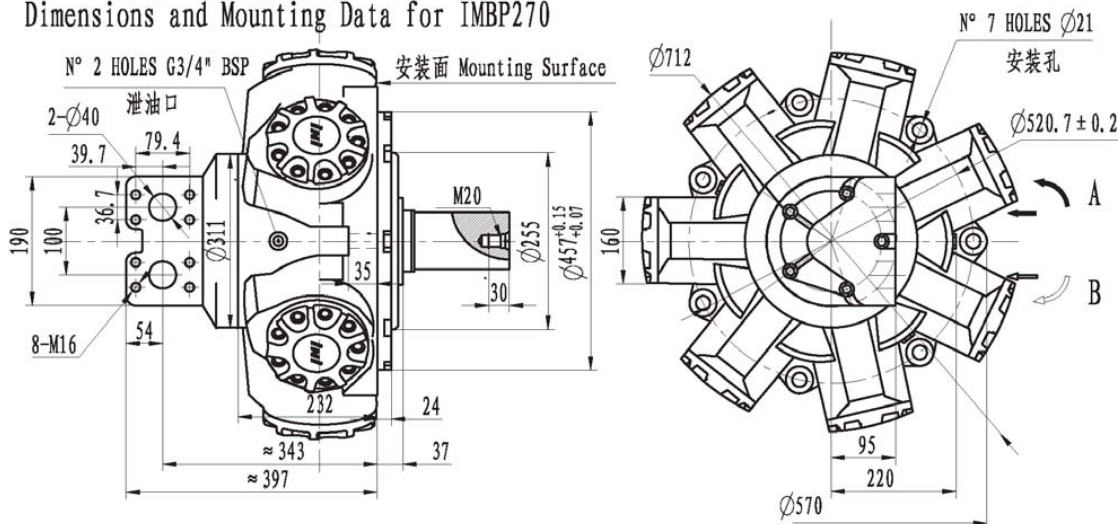


输出轴样式

SHAFTS



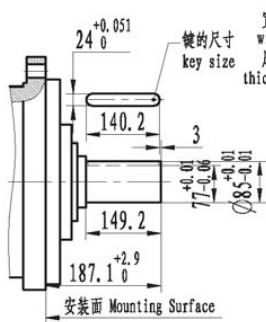
IMBP270系列安装联接尺寸图
Dimensions and Mounting Data for IMBP270



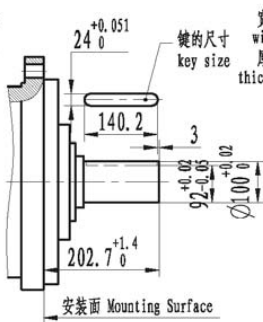
输出轴样式

SHAFTS

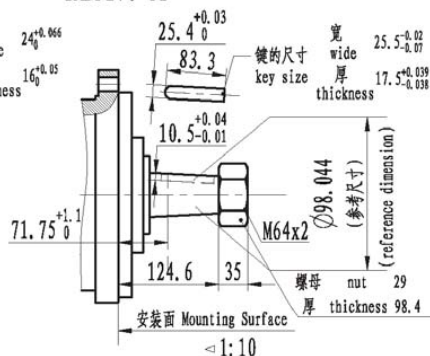
IMBP270-P3



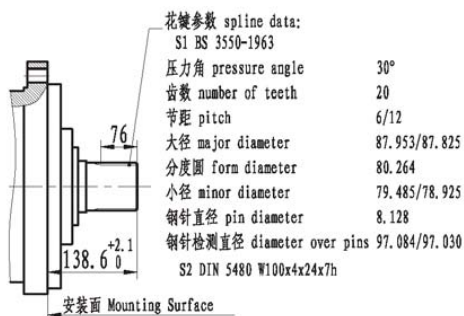
IMBP270-P2



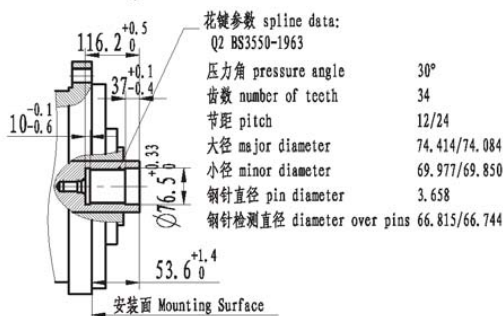
IMBP270-T1



IMBP270-S1&S2



IMBP270-Q1



IMC系列液压马达继承了IMB系列静压平衡的优点，具有同IMB系列同样的高效率、高启动扭矩、高容积效率等。
IMC系列液压马达具有双排量功能，可以从较宽范围的排量中选择适合于特殊应用需要的排量。可以通过远程控制或手动切换安装在马达上的方向控制阀来实现排量的切换，并且可以在马达运转中简单和轻松的实现。

其主要特点:

- 有两档排量，因而当泵供油流量不变情况下，马达可得两种转速
- 低速大扭矩
- 高效率
- 运转平稳
- 宽排量范围可供选择
- 可在运转时进行排量切换
- 电液或机械控制排量切换

主要运用:

起锚机、起重、卷扬机械及车辆的液压驱动等

产品标识说明



型号举例

IMC 200 2900 1500 S1 L1A	
两档变量马达	IMC
型号	200
大排量	2900ml/r
小排量	1500ml/r
轴	S1
变量控制方式	L1A 无控制阀

The IMC series hydraulic motor inherits the IMB series hydrostatic balance motor structure, high efficiency, high starting torque, high volumetric efficiency, etc.

The IMC series two-speed hydraulic motor enables users to select the required displacement for a wide range of special working conditions. Users can switch the displacement by using a remote control or by manual control using the control valve mounted on the motors. The displacement can easily be changed while the motor is still running.

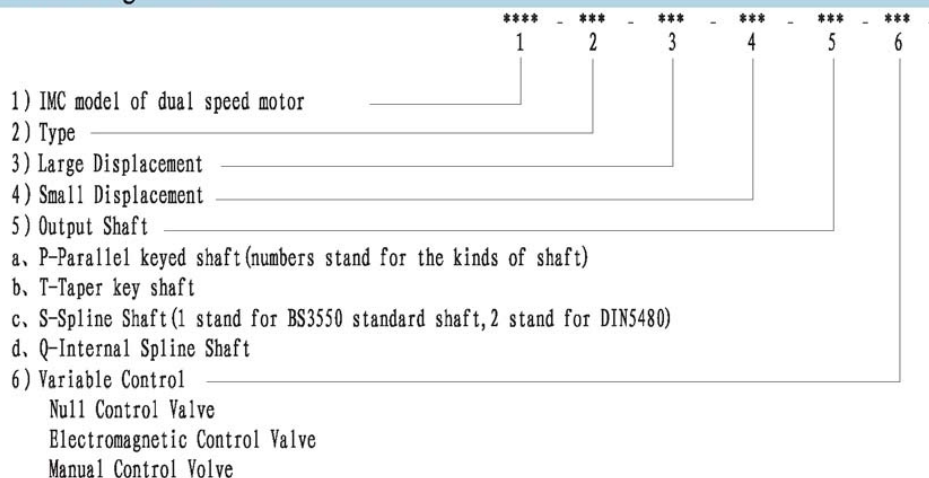
Its main characteristics are as follows:

- two-speed, so when the pump flow is constant, the motor has two-speed.
- Low speed & High-torque
- High Efficiency
- Stable Running
- Wide range of Displacement
- Switchable Displacement while the motor is running
- Switch realized with electro hydraulic or mechanical control

Main Application:

capstan, hoist, windless machinery, hydraulic drive for automobiles, etc,

Ordering Code



Example

IMC 200 2900 1500 S1 L1A-**
two-speed motor IMC
type 200
large displacement 2900ml/r
small displacement 1500ml/r
shaft S1
variable control L1A null control valve

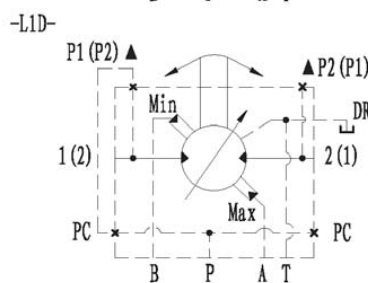
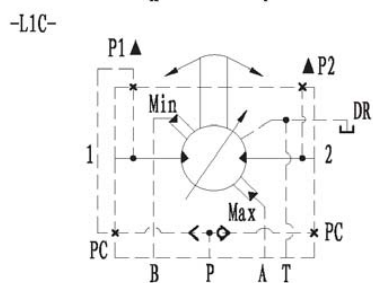
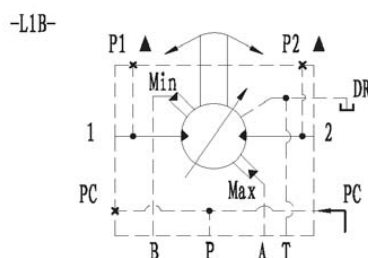
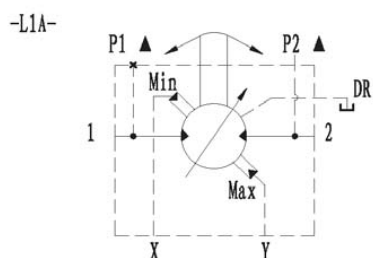
名义排量 NOMINAL DISPLACEMENT	1600	1500	1400	1300	1200	1100	1000	900	800	700	600	500	400	300	200	100
排量 ml/r DISPLACEMENT	1580	1481	1383	1284	1185	1086	987	889	790	691	592	494	395	296	197	98/0
单位扭矩 N.M/Mpa SPECIFIC TORQUE	225	212	198	184	169	155	140	125	108	94	78	68	45	30	18	0
最大持续转速 r/min MAX. CONT. SPEED	260	270	280	300	330	370	405	485	540	540	540	540	540	540	540	900
最大持续功率 KW MAX. CONT. POWER	99	98	96	93	90	84	82	79	74	69	57	46	35	23	10	0
最大断续功率 KM MAX. CONT. POWER	120	117	113	109	105	100	97	93	87	81	68	54	40	28	14	0
最大持续压力 Mpa MAX. CONT. PRESSURE	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	15
最大断续压力 Mpa MAX. TOP. PRESSURE	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	15

IMC100排量的选择范围 IMC100 Displacement Options

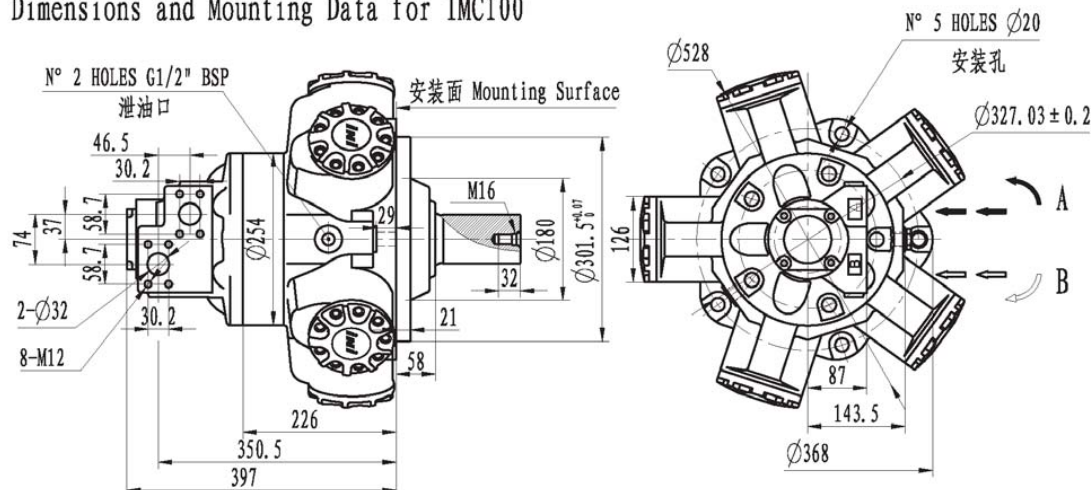
大排量 Large displacement: 1600, 1500, 1400, 1300, 1200, 1100, 1000, 900, 800:

小排量 Small displacement: 1100, 1000, 800, 700, 600, 500, 400, 300, 200, 100

控制原理图 Functional Symbols

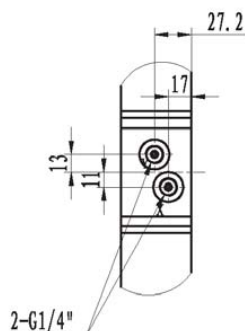


IMC100系列安装联接尺寸图
Dimensions and Mounting Data for IMC100

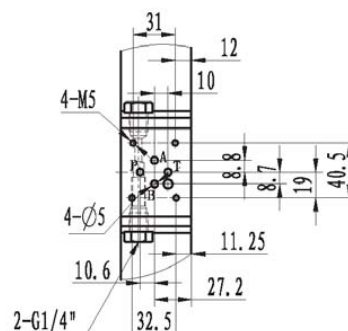


变量控制方法的安装尺寸 Variable Control's Mounting Data

L1A 的安装尺寸
L1A Mounting Data



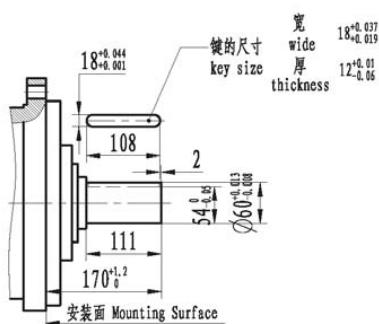
L1B&L1C&L1D 的安装尺寸
L1B&L1C&L1D Mounting Data



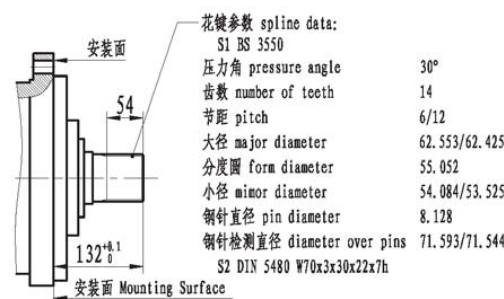
输出轴样式

SHAFTS

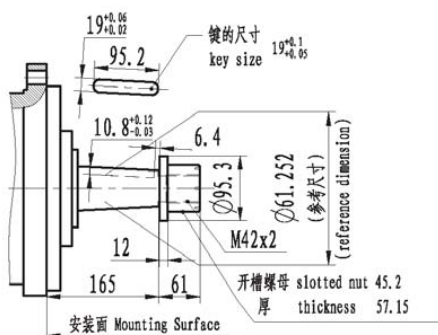
IMC100-P2



IMC100-S1&S2

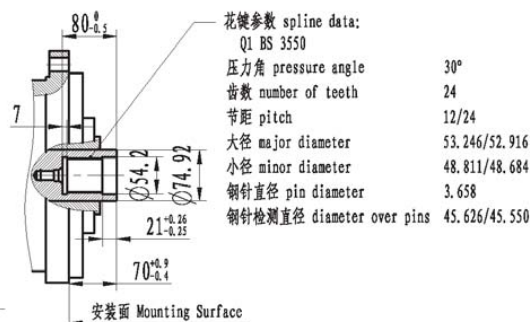


IMC100-T1



≤ 1:10

IMC100-Q1



名义排量 NOMINAL DISPLACEMENT	2100	2000	1800	1600	1500	1300	1200	1000	830	670	510	350	190	110
排量 ml/r DISPLACEMENT	2066	1973	1811	1649	1487	1325	1163	1001	839	677	515	353	191	109/0
单位扭矩 N.M/Mpa SPECIFIC TORQUE	293	281	258	231	206	180	154	125	100	79	57	39	6	0
最大持续转速 r/min MAX. CONT. SPEED	170	175	190	210	230	265	305	350	395	485	540	540	540	900
最大持续功率 KW MAX. CONT. POWER	91	89	83	77	71	66	60	55	48	42	33	16	3	0
最大断续功率 KM MAX. CONT. POWER	106	104	99	95	90	85	79	73	65	57	44	28	5	0
最大持续压力 Mpa MAX. CONT. PRESSURE	21	21	21	21	21	21	21	21	21	21	21	21	21	15
最大断续压力 Mpa MAX. TOP. PRESSURE	25	25	25	25	25	25	25	25	25	25	25	25	25	15

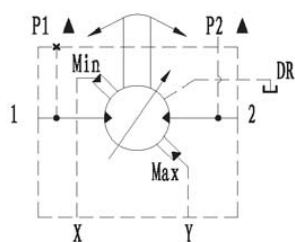
IMC125排量的选择范围 IMC125 Displacement Options

大排量 Large Displacement: 2100, 2000, 1800, 1600

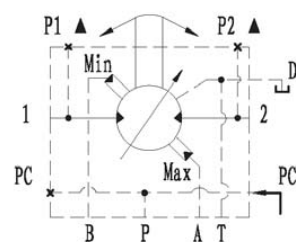
小排量 Small Displacement: 1600, 1500, 1300, 1200, 1000, 830, 670, 510, 350, 190, 110

控制原理图 Functional Symbols

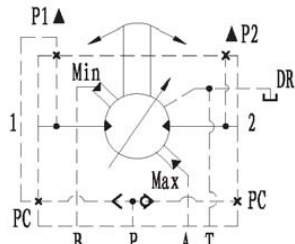
-F01-L1A-
-F02-L1A-



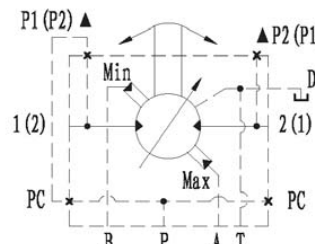
-F01-L1B-
-F02-L1B-



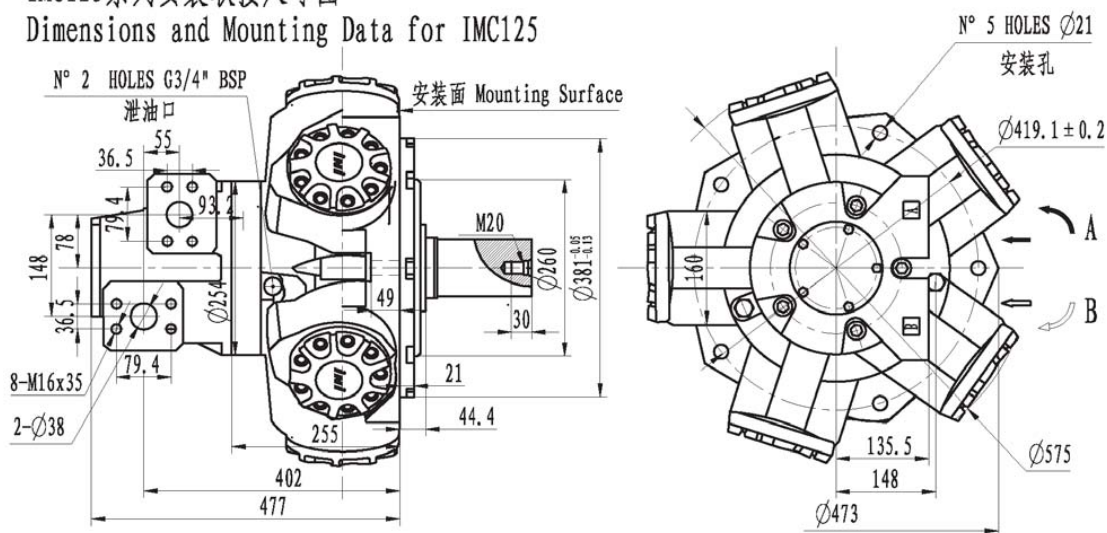
-F01-L1C-
-F02-L1C-



-F01-L1D-
-F02-L1D-

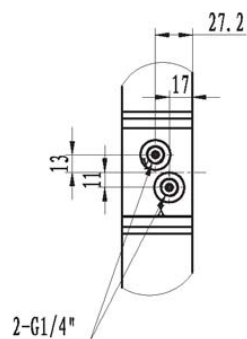


IMC125系列安装联接尺寸图
Dimensions and Mounting Data for IMC125

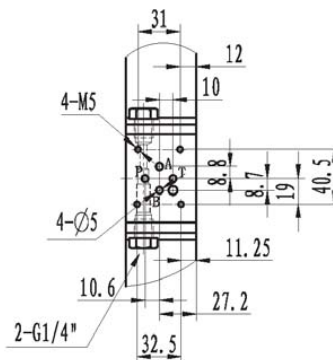


变量控制方法的安装尺寸 Variable Control's Mounting Data

L1A 的安装尺寸
L1A Munting Data

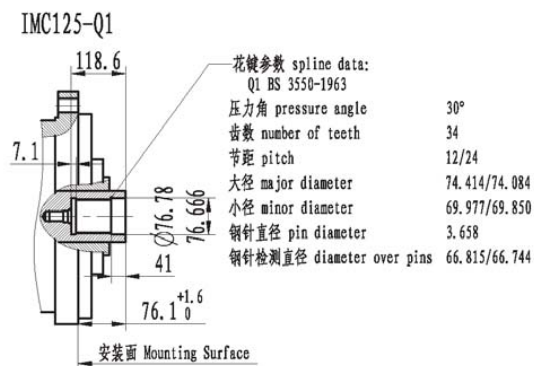
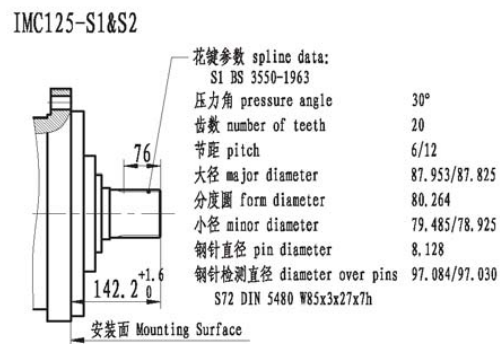
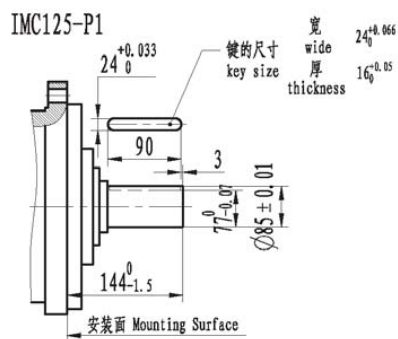


L1B&L1C&L1D 的安装尺寸
L1B&L1C&L1D Mounting Data



输出轴形式

SHAFTS



名义排量 NOMINAL DISPLACEMENT	3100	2900	2800	2600	2400	2300	2100	2000	1800	1600	1500	1300	1200	1000	830	670	510	350	190	110
排量 ml/r DISPLACEMENT	3080	2958	2796	2634	2472	2310	2148	1973	1811	1649	1487	1325	1163	1001	839	677	515	353	191	109/0
单位扭矩 N.M/Mpa SPECIFIC TORQUE	447	422	400	375	351	326	300	281	258	231	206	180	154	125	100	79	57	30	6	0
最大持续转速 r/min MAX. CONT. SPEED	110	115	125	135	140	150	160	175	190	210	230	265	305	350	395	485	540	540	540	900
最大持续功率 KW MAX. CONT. POWER	131	131	131	124	117	111	96	89	83	77	71	66	60	55	48	42	33	16	3	0
最大断续功率 KM MAX. CONT. POWER	146	146	146	139	131	124	116	104	99	95	90	85	79	73	65	57	44	28	5	0
最大持续压力 Mpa MAX. CONT. PRESSURE	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	15
最大断续压力 Mpa MAX. TOP. PRESSURE	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	15

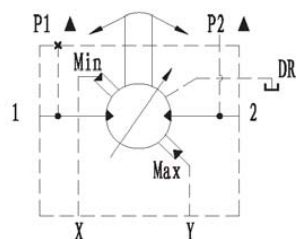
IMC200排量的选择范围 IMC200 Displacement Options

大排量 Large Displacement: 3100, 2900, 2800, 2600, 2400, 2300, 2100, 2000, 1800, 1600

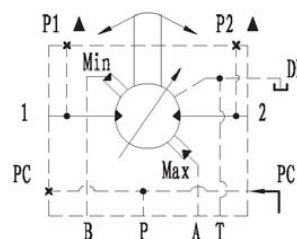
小排量 Small Displacement: 2300, 2100, 2000, 1800, 1600, 1500, 1300, 1200, 1000, 830, 670, 510, 350, 190, 110

控制原理图 Functional Symbols

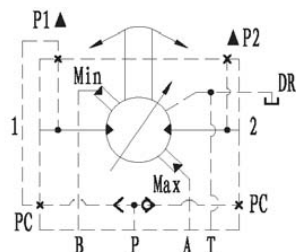
-L1A-



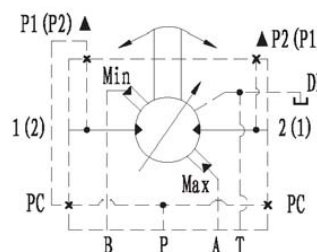
-L1B-



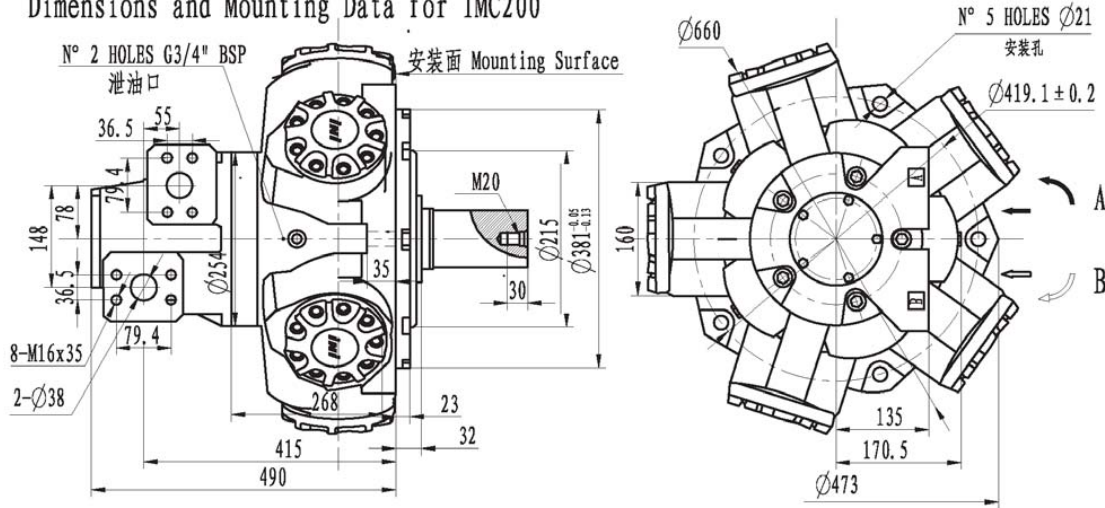
-L1C-



-L1D-

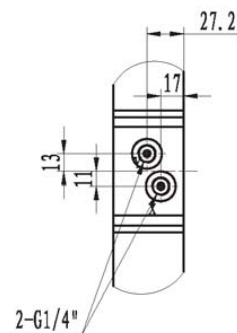


IMC200系列安装联接尺寸图
Dimensions and Mounting Data for IMC200

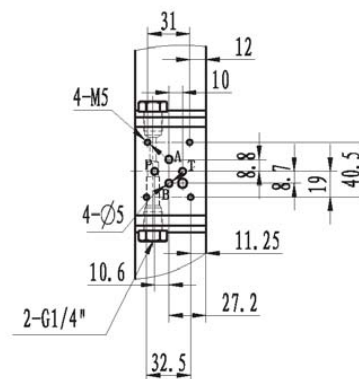


变量控制方法的安装尺寸 Variable Control's Mounting Data

L1A 的安装尺寸
L1A Munting Data



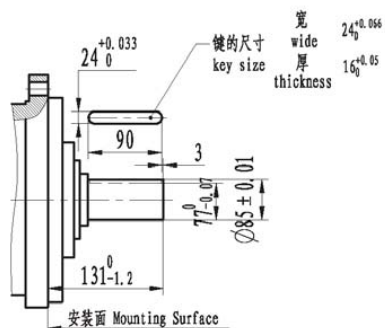
L1B&L1C&L1D 的安装尺寸
L1B&L1C&L1D Mounting Data



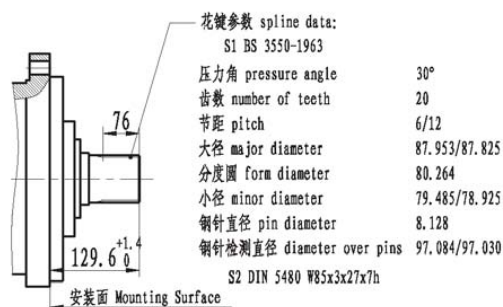
输出轴样式

SHAFTS

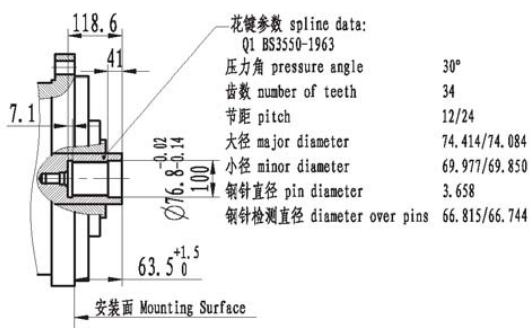
IMC200-P1



IMC200-S1&S2



IMC200-Q1



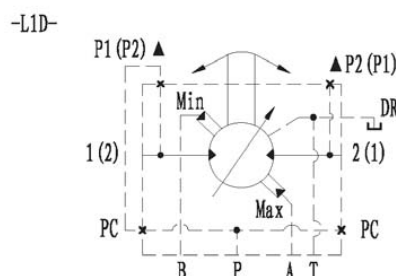
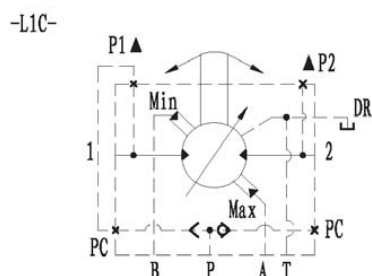
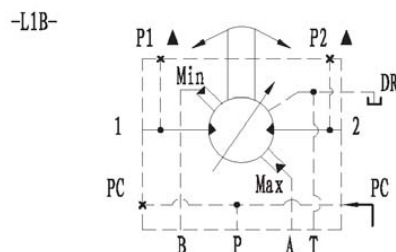
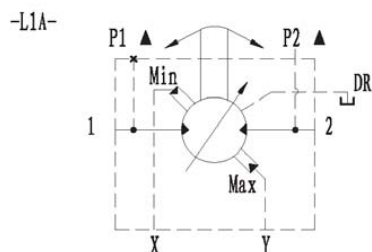
名义排量 NOMINAL DISPLACEMENT	4600	4100	3600	3300	3000	2600	2300	1900	1600	1400	970	680	340	170
排量 ml/r DISPLACEMENT	4597	4086	3632	3291	2951	2610	2270	1930	1649	1362	965	681	340	170/0
单位扭矩 N.M/Mpa SPECIFIC TORQUE	657	585	514	460	419	356	310	259	210	168	108	73	24	0
最大持续转速 r/min MAX. CONT. SPEED	108	120	135	145	165	180	215	240	290	315	315	315	315	900
最大持续功率 KW MAX. CONT. POWER	123	115	104	97	90	83	76	68	59	48	37	25	8	0
最大断续功率 KM MAX. CONT. POWER	153	149	142	136	129	122	112	102	91	81	68	47	12	0
最大持续压力 Mpa MAX. CONT. PRESSURE	21	21	21	21	21	21	21	21	21	21	21	21	21	15
最大断续压力 Mpa MAX. TOP. PRESSURE	25	25	25	25	25	25	25	25	25	25	25	25	25	15

IMC270排量的选择范围 IMC270 Displacement Options

大排量 Large Displacement: 4600, 4100, 3600, 3300

小排量 Small Displacement: 3300, 3000, 2600, 2300, 1900, 1600, 1400, 970, 680, 340, 170

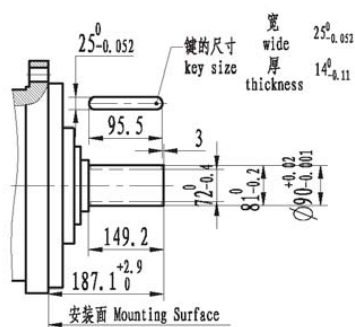
控制原理图 Functional Symbols



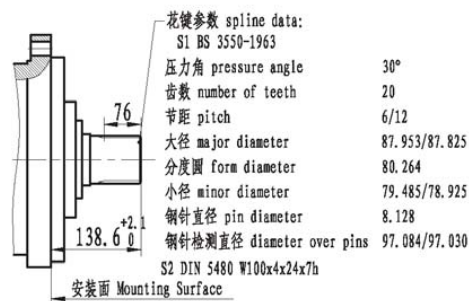
输出轴样式

SHAFTS

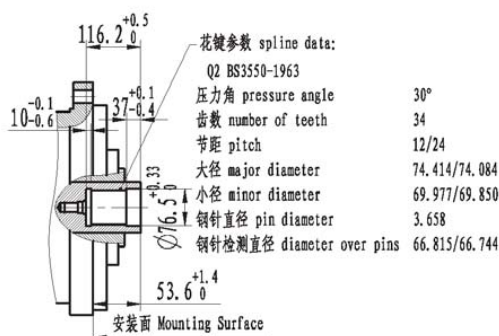
IMC270-P1



IMC270-S1&S2



IMC270-Q1



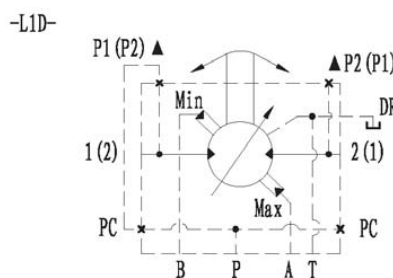
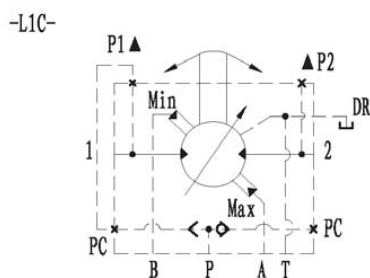
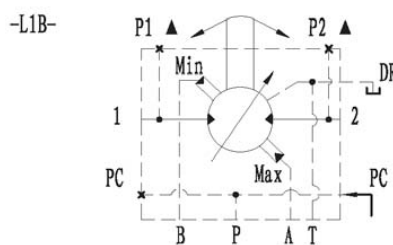
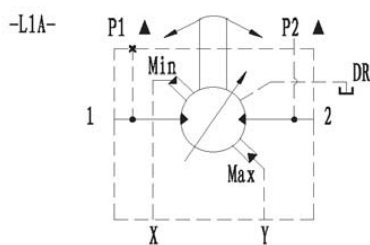
名义排量 NOMINAL DISPLACEMENT	5300	5100	4900	3600	3300	3000	2600	2300	1900	1600	1500	1400
排量 m ³ /r DISPLACEMENT	5335	5108	4937	3632	3291	2951	2610	2270	1930	1646	1532	1362
单位扭矩 N.M/Mpa SPECIFIC TORQUE	763	731	706	514	460	419	356	310	259	210	196	168
最大持续转速 r/min MAX. CONT. SPEED	90	105	110	135	145	165	180	215	240	290	315	315
最大持续功率 KW MAX. CONT. POWER	123	123	123	104	97	90	83	76	68	59	54	48
最大断续功率 KM MAX. CONT. POWER	153	153	153	142	136	129	122	112	102	91	87	81
最大持续压力 Mpa MAX. CONT. PRESSURE	21	21	21	21	21	21	21	21	21	21	21	15
最大断续压力 Mpa MAX. TOP. PRESSURE	25	25	25	25	25	25	25	25	25	25	25	15

IMC325排量的选择范围 IMC325 Displacement Options

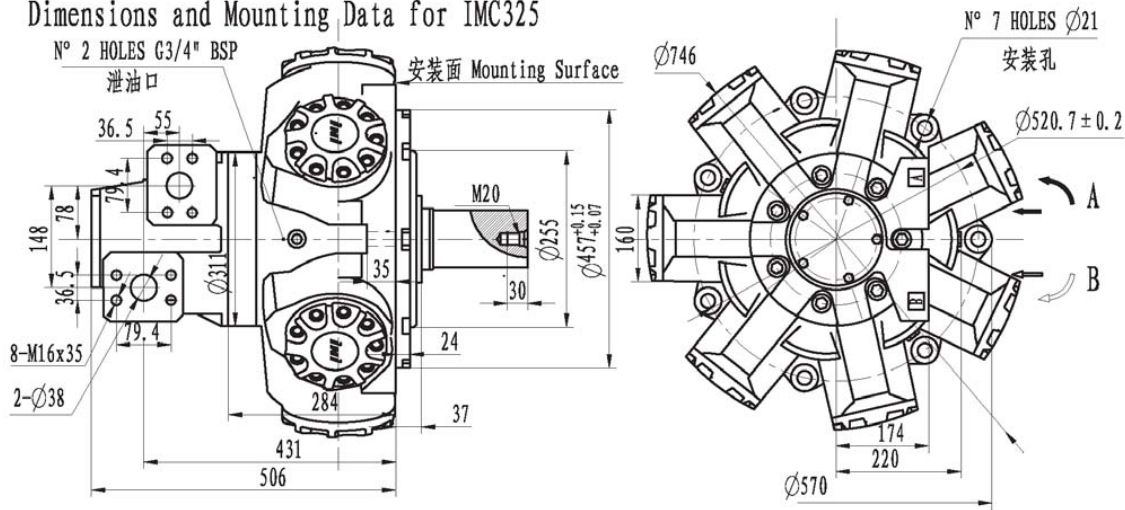
大排量 Large Displacement: 5300, 5100, 4900;

小排量 Small Displacement: 3600, 3300, 3000, 2600, 2300, 1900, 1600, 1500, 1400

控制原理图 Functional Symbols

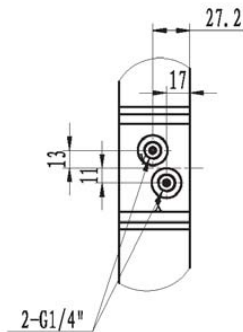


IMC325系列安装联接尺寸图
Dimensions and Mounting Data for IMC325

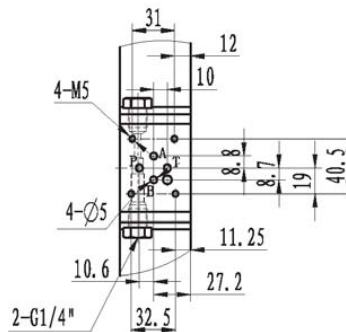


变量控制方法的安装尺寸 Variable Control's Mounting Data

L1A 的安装尺寸
L1A Munting Data



L1B&L1C&L1D 的安装尺寸
L1B&L1C&L1D Mounting Data





选型前请详阅各项说明

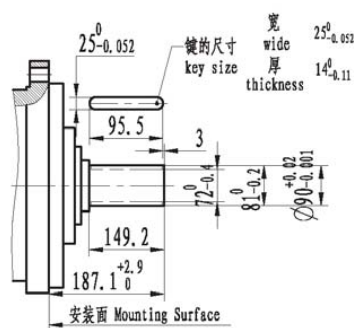
Please read carefully the specifications before selection

IMC325

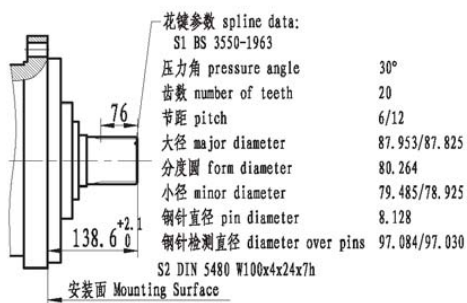
输出轴样式

SHAFTS

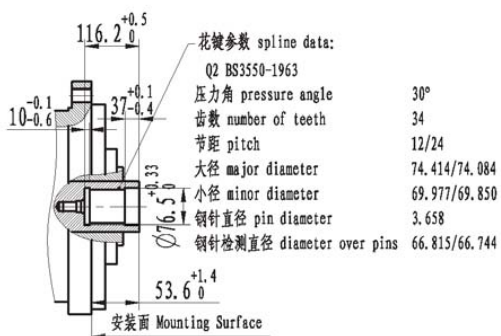
IMC325-P1



IMC325-S1&S2



IMC325-Q1

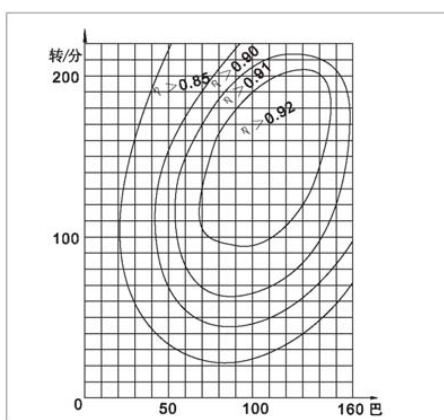


● QJM型各基型的额定流量(=额定转速×排量)

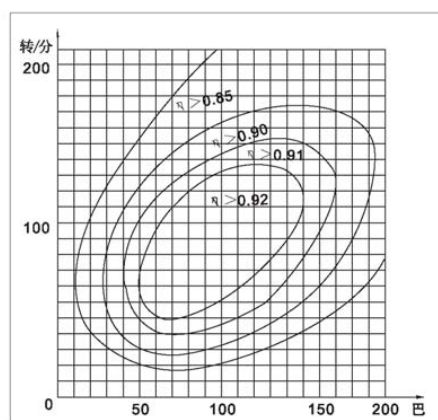
Flow rate of QJM motors(=rated speed×displacement)

基型 Series	QJM001	QJM01	QJM11	QJM12	QJM21	QJM31	QJM32	QJM42	QJM52	QJM62
额定流量 flow rate L/min	50	63	80	80	100	125	160	250	320	400
外径 outer diameter mm	φ 140	φ 180	φ 240	φ 240	φ 300	φ 320	φ 320	φ 350	φ 420	φ 485

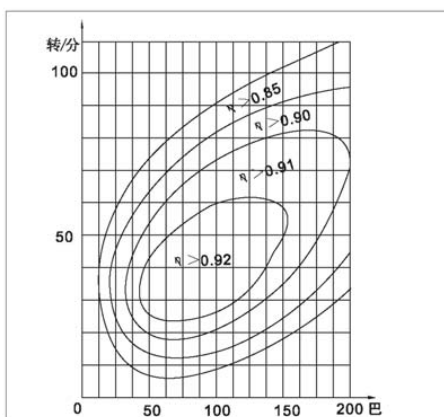
● 效率特性曲线 Performance Curve of Efficiency



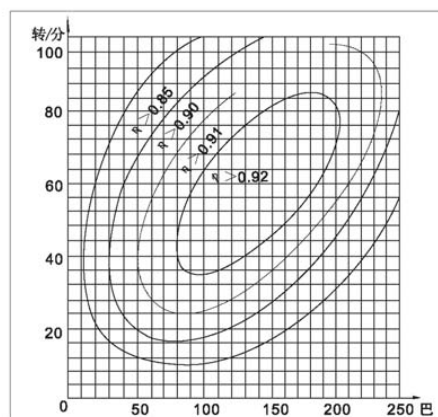
1QJM11-0.5L型效率特性曲线
Model 1QJM11-0.5L performance curve of efficiency



1QJM21-0.63L型效率特性曲线
Model 1QJM21-0.63L performance curve of efficiency



1QJM32-1.25L型效率特性曲线
Model 1QJM32-1.25L performance curve of efficiency



2QJM42-2.5L型效率特性曲线
Model 2QJM42-2.5L performance curve of efficiency

● 1QJM※※——※※L型液压马达技术参数（理论参数未考虑效率）

Technical data of 1QJM※※——※※L series fixed displacement hydraulic motor

型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出 扭矩 Rated output (N.m)	最大功率 Max.power
		额定 Rated	尖峰 Peak			
1QJM001-0.063L	0.064	10	16	8-600	95	1.4
1QJM001-0.08L	0.083	10	16	8-500	123	1.8
1QJM001-0.10L	0.104	10	16	8-400	154	2.3
1QJM002-0.2L	0.2	10	16	5-320	295	4.3
1QJM01-0.1L	0.10	10	16	8-400	148	2.2
1QJM01-0.16L	0.163	10	16	8-350	241	3.6
1QJM01-0.2L	0.203	10	16	8-320	300	4.4
1QJM02-0.32L	0.326	10	16	5-320	483	7.1
1QJM02-0.4L	0.406	10	16	5-320	600	8.8
1QJM11-0.32L	0.339	10	16	5-400	468	5.9
1QJM1A-0.4L	0.404	10	16	5-400	598	7.5
1QJM11-0.5L	0.496	10	16	5-320	734	9.2
1QJM11-0.63L	0.664	10	16	4-250	983	12.4
1QJM1A1-0.63L	0.664	10	16	4-250	983	12.4
1QJM21-0.4L	0.404	16	25	2-400	957	10.0
1QJM21-0.5L	0.496	16	25	2-320	1175	12.3
1QJM21-0.63L	0.664	16	25	2-250	1572	16.5
1QJM21-0.8L	0.808	16	25	2-200	1913	20.0
1QJM21-1.0L	1.01	10	16	2-160	1495	15.8
1QJM21-1.25L	1.354	10	16	2-125	2004	21
1QJM21-1.6L	1.65	10	16	2-100	2442	25.6
1QJM12-1.0L	1.0	10	16	4-200	1480	18.6
1QJM12-1.25L	1.33	10	16	4-160	1968	24.8
1QJM32-0.63L	0.635	20	31.5	3-300	1880	19.8
1QJM32-0.8L	0.808	20	31.5	3-250	2368	24.8
1QJM32-1.0L	1.06	20	31.5	2-250	3138	33.0
1QJM32-1.25L	1.295	20	31.5	2-200	3833	40.0
1QJM32-1.6L	1.649	20	31.5	2-200	4881	51.2
1QJM32-2.0L	2.03	16	25	2-200	4807	50.5
1QJM32-2.5L	2.71	16	16	1-160	4011	42
1QJM32-3.2L	3.3	10	16	1-125	1884	51.2
1QJM32-4.0L	4.0	10	16	1-100	5920	62.0
1QJM42-2.0L	2.11	20	31.5	1-250	6246	52.5
1QJM42-2.5L	2.56	20	31.5	1-250	7578	63.5
1QJM42-3.2L	3.24	10	16	1-200	4850	40.8
1QJM42-4.0L	4.0	10	16	1-160	5920	50.0
1QJM42-4.5L	4.6	10	16	1-125	6808	57.0
1QJM52-2.5L	2.67	20	31.5	1-200	7903	66.2
1QJM52-3.2L	3.24	16	31.5	1-200	9590	80.5
1QJM52-4.0L	4.0	10	25	1-200	9472	80.0
1QJM52-5.0L	5.23	10	16	1-160	7740	65.0
1QJM52-6.3L	6.36	20	16	1-125	9413	79.0
1QJM62-4.0L	4.0	20	31.5	0.5-150	11840	74.5
1QJM62-5.0L	5.18	20	31.5	0.5-105	15333	96.5
1QJM62-6.3L	6.27	16	25	0.5-125	14847	93.5
1QJM62-8L	7.85	10	16	0.5-100	11618	73.0
1QJM62-10L	10.15	10	16	0.5-80	15022	95.0

注：1. 各型带支承和带阀组液压马达其技术参数与上表中对应的标准型液压马达技术参数相同。

2. 1QJM322-**L型马达其技术参数与上表中1QJM32标准相同。

Note: 1. The technical parameters of various sorts of types hydraulic motors with bearing have the same data as standard type hydraulic motors.

2. Technical parameters of 1QJM322-**L motors are the same as those of 1QJM32 above listed.

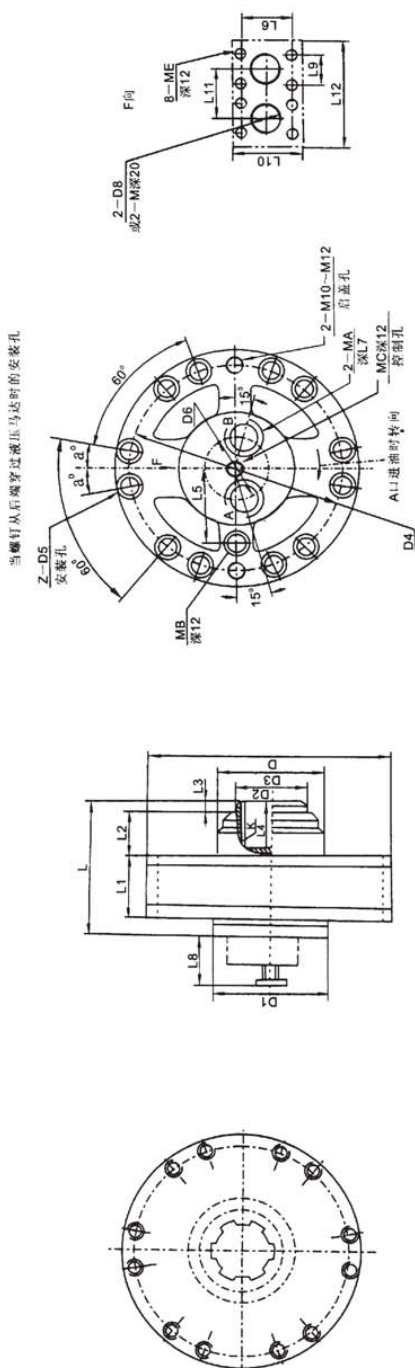
● 2QJM※※——※※L型液压马达技术参数（理论参数未考虑效率）

Technical data of 2QJM※※——※※L series variable displacement hydraulic motor

型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出 扭矩 Rated output torque (N.m)	最大功率 Max.power
		额定 Rated	尖峰 Peak			
2QJM02-0.4L	0.406,0.203	10	16	5-320	600,300	8.8
2QJM11-0.4L	0.404,0.202	10	16	5-400	598,299	7.5
2QJM11-0.5L	0.496,0.248	10	16	5-320	734,367	9.2
2QJM11-0.63L	0.664,0.332	10	16	4-250	938,492	12.4
2QJM21-0.32L	0.317,0.1585	16	25	2-320	751,376	8.0
2QJM21-0.5L	0.496,0.248	16	25	2-320	1175,588	12.4
2QJM21-0.63L	0.664,0.332	16	25	2-250	1572,786	16.5
2QJM21-1.0L	1.01,0.505	10	16	2-160	1495,748	15.8
2QJM21-1.25L	1.354,0.677	10	16	2-125	2004,1002	21
2QJM21-1.6L	1.65,0.825	10	16	2-100	2442,1221	25.6
2QJM32-0.63L	0.635,0.318	20	31.5	3-500	1880,940	19.8
2QJM32-1.0L	1.06,0.53	20	31.5	2-400	3138,1519	33.0
2QJM32-1.25L	1.295,0.648	20	31.5	2-320	3833,1917	40.2
2QJM32-1.6L	1.649,0.825	20	31.5	2-250	4881,2441	51.2
2QJM32-1.6/1.4L	1.6,0.4	20	31.5	2-250	4736,1184	49.6
2QJM32-2.0L	2.03,1.015	16	25	2-200	4807,2404	50.5
2QJM32-2.5L	2.71,1.355	10	16	1-160	4011,2006	42.0
2QJM32-3.2L	3.3,1.65	10	16	1-125	4844,2442	51.2
2QJM32-4.0L	4.0,2.0	10	16	1-100	5920,2960	62.0
2QJM42-2.0L	2.11,1.055	20	31.5	1-320	6246,3123	52.55
2QJM42-2.5L	2.56,1.28	20	31.5	1-250	7578,3789	63.5
2QJM42-3.2L	3.24,1.62	10	16	1-200	4850,2425	40.8
2QJM42-4.0L	4.0,2.0	10	16	1-160	5920,2960	50.0
2QJM42-4.5L	4.6,2.3	10	16	1-125	6808,3404	66.0
2QJM52-2.5L	2.67,1.335	20	31.5	1-320	7903,3952	66.2
2QJM52-3.2L	3.24,1.62	20	31.5	1-250	9590,4795	80.5
2QJM52-4.0L	4.0,2.0	16	25	1-200	9472,4736	80.0
2QJM52-5.0L	5.23,2.615	10	16	1-160	7740,3870	85.0
2QJM52-6.3L	6.36,3.18	10	16	1-125	9413,4707	79.0
2QJM62-4.0L	4.0,2.0	20	31.5	0.5-200	11840,5920	74.5
2QJM62-5.0L	5.18,2.59	20	31.5	0.5-160	15333,7667	96.5
2QJM62-6.3L	6.27,3.135	16	25	0.5-125	14847,7424	93.5
2QJM62-8.0L	7.85,3.925	10	16	0.5-100	11618,5809	73.0
2QJM62-10L	10.15,5.075	10	16	0.5-80	15022,7511	95.0
3QJM32-1.25L	1.295,0.648,0.324	20	31.5	2-320	3833,1917,959	40.2
3QJM32-1.6L	1.649,0.825,0.413	20	31.5	2-250	4881,2441,1221	51.2

注：1. 各型带支承和带阀组变量液压马达的技术参数与上表中对应的变量液马达技术参数相同。

Note:1. The technical parameters of various sorts of variable hydraulic motors with bearing and oil passing valve have the same data as variable hydraulic motors.



● 外形联接尺寸 External Coupling Dimension

型号	L	L1	L2	L3	L4	L5	L7	L8	L9	L10	L11	L12	D	D1	D2	D3	D4	Z-D5	D6	D7	MA	MB	MC	ME	α°	K	重量 (kg)
1QJM001-1L	101	58	38	5	20	43	20	37	-	37	35±0.3	63	φ140	-	φ80	φ110g6	φ128±0.3	12-φ6.5	-	M18x1.5	-	M18x1.5	-	-	10°	对花键轴要求 48H11x42H11x12D9 6-48b12x42b12x12d9	7
1QJM02-1L	130	80	38	3	30	62	20	-	-	-	-	-	φ180	φ100	φ70	φ130g7	φ165±0.3	12-φ9	φ58	-	M27x2	M16x1.5	-	-	10°	48H11x42H11x12D9 6-48b12x42b12x12d9	15
1QJM11-1L	162	99	38	3	34	62	20	-	-	-	-	-	φ180	φ105	φ70	φ130g7	φ165±0.3	12-φ9	φ58	-	M27x2	M18x1.5	-	-	10°	48H11x42H11x12D9 6-48b12x42b12x12d9	24
1QJM11-1L	132	82	33	3	32	87	18	-	-	-	-	-	φ240	φ150	φ110	φ160g7	φ220±0.3	12-φ11	φ69	-	M33x2	M18x1.5	M12x1.5	-	10°	70H11x62H11x16D9 6-70b12x62b12x16d9	28
1QJM14-1L	134	82	25	11	38	87	18	-	-	-	-	-	φ240	φ150	φ60h8	φ200g7	φ220±0.3	12-φ11	φ69	-	M33x2	M18x1.5	-	-	10°	42H11x36H11x7D9 8-42b12x36b12x7d9	28
1QJM12-1L	185	123	33	2	39	84	20	-	-	-	-	-	φ240	φ140	φ110	φ160g7	φ220±0.3	12-φ11	φ69	-	M33x2	M18x1.5	M12x1.5	-	10°	90H11x80H11x20D9 6-90b12x80b12x20d9	39
1QJM21-1L	188	99	29	14	38	100	20	110	-	48	58	150	φ304	φ150	φ110	φ160g7	φ283±0.3	12-φ11	φ69	-	M33x2	M22x1.5	M12x1.5	-	10°	90H11x80H11x20D9 6-90b12x80b12x20d9	50
1QJM32-1L	215	138	43	10	55	115	22	95	-	52	71	165	φ320	φ165	φ120	φ170g7	φ298±0.3	12-φ13	φ79	-	M33x2	M22x1.5	M12x1.5	-	10°	98H11x82H11x14D9 10-98b12x82b12x14d9	78
1QJM42-1L	209	180	16	12	35	124	22	151	73	105	104	204	φ350	φ190	φ140	φ200g7	φ320±0.3	12-φ13	φ100	φ40	M42x2	M22x1.5	M16x1.5	M16	10°	112H11x102H11x16D9 10-112b12x102b12x16d9	90
1QJM42-1L	207	158	23	5	35	124	22	-	-	-	-	-	φ340	φ190	φ120	φ170g7	φ320±0.3	12-φ13	φ100	-	M42x2	M22x1.5	-	-	10°	98H11x82H11x14D9 10-98b12x82b12x14d9	100
1QJM31-1L	183	100	43	14	55	115	22	-	-	-	-	-	φ320	φ165	φ120	φ170g7	φ298±0.3	12-φ13	φ79	-	M33x2	M22x1.5	M12x1.5	-	10°	98H11x82H11x14D9 10-98b12x82b12x14d9	60
1QJM52-1L	238	175	30	6	45	135	24	144	73	101	105	220	φ420	φ220	φ160	φ315g7	φ360±0.3	6-φ22	φ110	φ40	M48x2	M22x1.5	M16x1.5	M16	6°	120H11x112H11x18D9 10-120b12x112b12x18d9	150
1QJM62-1L	284	182	29	11	45	165	24	144	73	101	123	255	φ485	φ255	φ170	φ365g7	φ435±0.3	6-φ22	φ128	φ48	M48x2	M22x1.5	M16x1.5	M16	6°	120b12x112b12x18d9 10-120b12x112b12x18d9	212

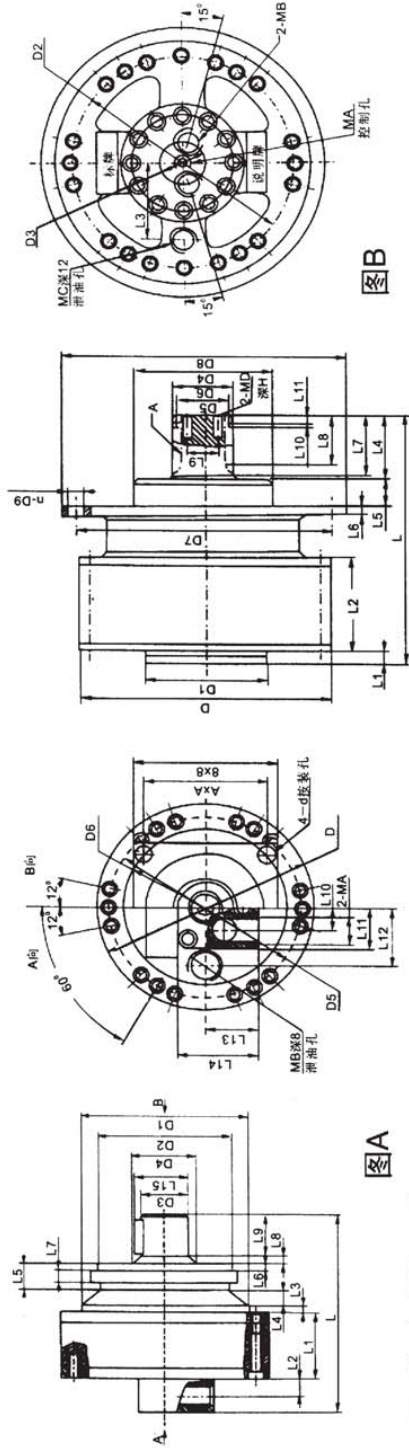
● $\frac{1}{2}$ QJM※※——※※Z (Z₃、Ze₃)L型液压马达技术参数(理论参数未考虑效率)
 $\frac{1}{2}$ QJM※※——※※Z(Z₃、Ze₃)L Type of Hydraulic Motor Technical Parameters

型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出扭矩 Rated output Torque(N.m)	最大功率 Max.power
		额定 Rated	尖峰 Peak			
1QJM001-0.063ZL	0.064	10	16	8-600	95	1.4
1QJM001-0.08ZL	0.083	10	16	8-500	123	1.8
1QJM001-0.10ZL	0.104	10	16	8-400	154	2.3
1QJM002-0.2ZL	0.2	10	16	5-320	295	4.3
1QJM02-0.32ZL	0.324	10	16	5-320	483	7.1
1QJM02-0.4ZL	0.406	10	16	5-320	600	8.8
1QJM11-0.32ZL	0.339	10	16	5-500	468	5.9
1QJM11-0.4ZL	0.404	10	16	5-400	598	7.5
1QJM11-0.5ZL	0.496	10	16	5-320	734	9.2
1QJM11-0.63ZL	0.664	10	16	4-250	983	12.4
1QJM12-1.0ZL	1.0	10	16	4-200	1480	18.6
1QJM12-1.25ZL	1.33	10	16	4-160	1968	24.8
$\frac{1}{2}$ QJM21-0.4Z(Ze ₃)L	0.4,0.2	16	25	2-400	957,479	10.0
$\frac{1}{2}$ QJM21-0.5Z(Ze ₃)L	0.496,0.258	16	25	2-320	1175,588	12.3
$\frac{1}{2}$ QJM21-0.63Z(Ze ₃)L	0.664,0.332	16	25	2-250	1572,786	16.5
$\frac{1}{2}$ QJM21-0.8Z(Ze ₃)L	0.808,0.404	16	25	2-200	1913,957	20.0
$\frac{1}{2}$ QJM21-1.0Z(Ze ₃)L	1.01,0.505	10	16	2-160	1495,748	15.8
$\frac{1}{2}$ QJM21-1.25Z(Ze ₃)L	1.354,0.667	10	16	2-125	2004,1002	21
$\frac{1}{2}$ QJM21-1.6Z(Ze ₃)L	1.65,0.825	10	16	2-100	2442,1221	25.6
$\frac{1}{2}$ QJM32-0.63Z(Z ₃ Ze ₃)L	0.639,0.318	20	31.5	3-300	1880,940	19.8
$\frac{1}{2}$ QJM32-1.0Z(Z ₃ Ze ₃)L	1.06,0.503	20	31.5	2-250	3138,1519	33.0
$\frac{1}{2}$ QJM32-1.25Z(Z ₃ Ze ₃)L	1.295,0.648	20	31.5	2-200	3833,1917	40.2
$\frac{1}{2}$ QJM32-1.6Z(Z ₃ Ze ₃)L	1.649,0.825	20	31.5	2-200	4881,2441	51.2
$\frac{1}{2}$ QJM32-2.0Z(Z ₃ Ze ₃)L	2.03,1.015	16	25	2-200	4807,2404	50.5
$\frac{1}{2}$ QJM32-2.5Z(Z ₃ Ze ₃)L	2.71,1.355	10	16	1-160	4011,2006	42.0
$\frac{1}{2}$ QJM32-3.2Z(Z ₃ Ze ₃)L	3.3,1.65	10	16	1-125	4884,2442	51.2
$\frac{1}{2}$ QJM52-2.5ZL	2.67,1.335	20	31.5	1-200	7903,3952	66.2
$\frac{1}{2}$ QJM52-3.2ZL	3.24,1.62	20	31.5	1-200	9590,4795	80.5
$\frac{1}{2}$ QJM52-4.0ZL	4.0,2.0	16	25	1-200	9472,4736	80.0
$\frac{1}{2}$ QJM52-5.0ZL	5.23,2.165	10	16	1-160	7740,3870	65.0
$\frac{1}{2}$ QJM52-6.3ZL	6.36,3.18	10	16	1-125	9413,4707	79.0
$\frac{1}{2}$ QJM62-4.0ZL	4.0,2.0	20	31.5	0.5-150	11840,5920	74.5
$\frac{1}{2}$ QJM62-5.0ZL	5.18,2.59	20	31.5	0.5-125	15333,7667	96.5
$\frac{1}{2}$ QJM62-6.3ZL	6.27,3.135	16	25	0.5-125	14847,7424	93.5
$\frac{1}{2}$ QJM62-8.0ZL	7.85,3.925	10	16	0.5-100	11618,5809	73.0
$\frac{1}{2}$ QJM62-10ZL	10.15,5.075	10	16	0.5-80	15022,7511	95.0



选型前请详阅各项说明
Please read carefully the specifications before selection

1/2QJM



图A型外联接尺寸 External Coupling Dimension

型号	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	D	D1	D2	D3	D4	D5	D6	D7	D8	D9	MA	MB	MC	MD	MA	MB	AxA	BxB	bxD	花键	重量 (KG)	
1QJM001-**ZL	237	68	17	6	16	70	48	12	3	40	17.5	31.5	43	32	49	28	140	110g70	75g7	25h8	35h7	128	-	11	M18x1.5	M16x1.5	70x70	90x90	8x36	-	-	-	-	-	-	-	-	10
1QJM002-**ZL	257	88	19	6	16	70	48	12	3	40	38	63	43	32	49	27.5	140	110g7	75g7	25h8	35h7	128	-	11	M18x1.5	M16x1.5	70x70	90x90	8x36	-	-	-	-	-	-	-	-	12
1QJM02-**ZL	290	102	22	-	52	32	5	18	3	56.5	28	50	60	41	82	43	180	-	125g7	140k6	-	165	160	113.5	G3/4"	M12x1.5	-	140x140	12x45	-	-	-	-	-	-	-	-	24
1QJM11-**ZL	353	82	-	15	-	156	20	-	74	-	-	87	-	-	240	164	-	6007	-	1220	240	22	M32x2	M16x1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	40
1QJM12-**ZL	472	123	40	-	10	20	30	82	70	150	87	40	65	54	240	-	160h7	50h7	60	220	200	118	G"	M16x1.5	141.5x141.5	178x178	14x72	-	-	-	-	-	-	-	-	-	70	

图B型外联接尺寸 External Coupling Dimension

型号	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	D	D1	D2	D3	D4	D5	D6	D7	D8	D9	MA	MB	MC	MD	MA	MB	平键	花键	重量 (KG)					
1/2 QJM21-**Z3L	328	26	99	100	81	55	16	78	66	38	-	1304	150	1283	69	29519	-	6577	335	1379	6-18	M12x1.5	M33x2	M22x1.5	2-M12深20	C18x75	-	-	-	-	-	-	-	-	-	75
1/2 QJM21-**Ze3L	378	26	113	100	81	38	16	78	66	38	-	1304	150	1283	69	22019	-	6577	260	300	6-18	M12x1.5	M33x2	M22x1.5	2-M12深20	C18x75	-	-	-	-	-	-	-	-	-	80
1/2 QJM32-**ZL	385	24.5	144	115	101	30	25	100	70	40	2.65	3	1320	165	1299	79	25017	179	82b11	300+0.3	335	M12x1.5	M33x2	M22x1.5	2-M12深25	-	10-82b11x72b11x1219	-	-	-	-	-	-	-	-	106
1/2 QJM32-**Ze3L	446	24.5	138	115	81	55	16	78	66	-	-	1320	165	1299	79	29519	-	6577	300+0.3	379	6-18	M12x1.5	M33x2	M22x1.5	中央孔M16深25	C18x75	-	-	-	-	-	-	-	-	-	140
1/2 QJM52-**ZL	363.5	24.5	138	115	81	55	16	78	66	38	-	1320	165	1299	79	29519	-	6577	335+0.3	1379	6-18	M12x1.5	M33x2	M22x1.5	2-M12深25	C18x75	-	-	-	-	-	-	-	-	-	108
1/2 QJM62-**ZL	516	27	176	135	131	10	30	73	131	-	-	1420	220	1360	100	29017	-	78h7	340+0.3	370	8-120	M16x1.5	M48x2	M22x1.5	中央孔M16深40	C22x132	-	-	-	-	-	-	-	-	-	180
1/2 QJM62-**ZL	487	42	162	165	157	5	20	155	152	-	-	1485	255	1435	128	40018	-	101.55	1490	550	8-122	M16x1.5	M48x2	M22x1.5	-	A25-k120	-	-	-	-	-	-	-	-	-	240

● $\frac{1}{2}$ QJM**——**SL型自控式带制动器液压马达技术参数(理论参数未考虑高效率)

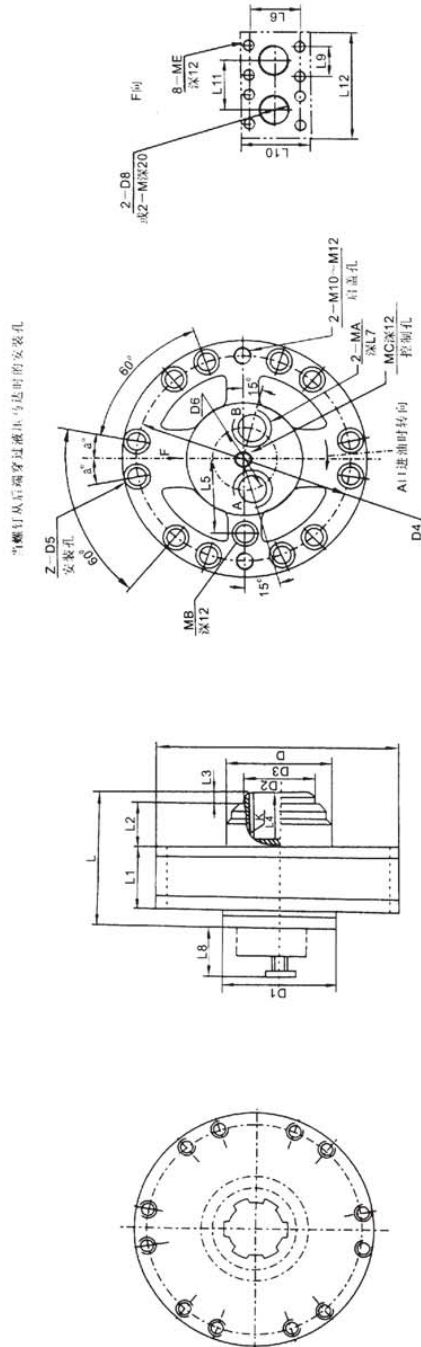
Technical data of $\frac{1}{2}$ QJM**——**SL series hydraulic motor with brake

型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出 扭矩 Rated output torque (N.m)	制动器开启 压力 Open brake Pressure (Mpa)	制动器制动 扭矩 Brake torque (N.m)
		额定 Rated	尖峰 Peak				
1QJM11-0.32SL	0.317	10	16	5-400	468	4~6	
1QJM11-0.40SL	0.404	10	16	5-400	598		
1QJM11-0.50SL	0.496	10	16	5-320	734		
1QJM11-0.63SL	0.664	10	16	4-250	983	3~5	400~600
2QJM11-0.40SL	0.404,0.202	10	16	5-400	598,299		
2QJM11-0.50SL	0.496,0.248	10	16	5-320	734,347		
2QJM11-0.63SL	0.664,0.332	10	16	4-200	983,492		
1QJM21-0.32SL	0.317	16	25	2-500	751		
1QJM21-0.40SL	0.404	16	25	2-400	957		
1QJM21-0.50SL	0.496	16	25	2-320	1175	4~6	
1QJM21-0.63SL	0.664	16	25	2-250	1572		
1QJM21-0.8SL	0.808	16	25	2-200	1913		1000~1400
1QJM21-1.0SL	1.01	10	16	2-160	1495		
1QJM21-1.25SL	1.354	10	16	2-125	2004	3~5	
1QJM21-1.6SL	1.65	10	16	2-100	2442		
2QJM21-0.32SL	0.317,0.1585	16	25	2-500	751,376		
2QJM21-0.40SL	0.404,0.202	16	25	2-400	957,479		
2QJM21-0.50SL	0.496,0.248	16	25	2-320	1175,588	4~7	
2QJM21-0.63SL	0.664,0.332	16	25	2-250	1572,786		
2QJM21-0.83SL	0.808,0.404	16	25	2-200	1913,957		1000~1400
2QJM21-1.0SL	1.01,0.505	10	16	2-160	1495,748		
2QJM121-1.25SL	1.354,0.667	10	16	2-125	2004,1002	3~5	
2QJM21-1.6SL	1.65,0.825	10	16	2-100	2242,1221		

● $\frac{1}{2}$ QJM※※——※※SL型自控式带制动器液压马达技术参数(理论参数未考虑高效率)

Technical data of $\frac{1}{2}$ QJM※※ ※※SL series hydraulic motor with brake

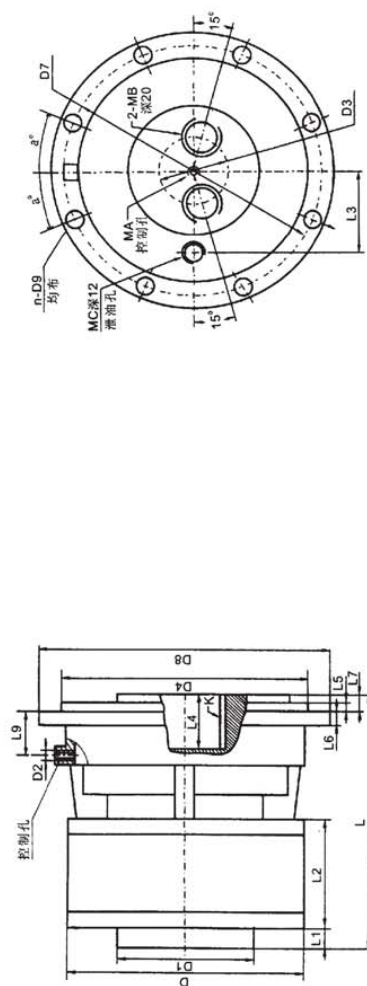
型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出 扭矩 Rated output torque (N.m)	制动器开启 压力 Open brake Pressure (Mpa)	制动器制动 扭矩 Brake torque (N.m)	
		额定 Rated	尖峰 Peak					
$\frac{1}{2}$ QJM32-0.63SL	0.635,0.318	20	31.5	3-300	1880	4~7	≥2500	
$\frac{1}{2}$ QJM32-0.8SL	0.808,0.404	20	31.5	2-250	2368	4~7		
$\frac{1}{2}$ QJM32-1.0SL	1.06,0.53	20	31.5	2-250	3138	4~7		
$\frac{1}{2}$ QJM32-1.25SL	1.295,0.648	20	31.5	2-200	3833	3~5		
$\frac{1}{2}$ QJM32-1.6SL	1.649,0.825	20	31.5	2-200	4881	3~5		
$\frac{1}{2}$ QJM32-2.0SL	2.03,1.015	16	25	2-200	4807	3~5		
$\frac{1}{2}$ QJM32-2.5SL	2.71,1.355	10	16	1-160	4011	3~5		
$\frac{1}{2}$ QJM32-3.2SL	3.3,1.65	10	16	1-125	4884	3~5		
$\frac{1}{2}$ QJM32-4.0SL	4.0,2.00	10	16	1-100	5920	3~5		
$\frac{1}{2}$ QJM32-0.63SL L	635,0.318	20	31.5	3-500	1880	4~7		
$\frac{1}{2}$ QJM32-0.8SL ₂ L	0.808,0.404	20	31.5	3-400	2368	4~7	≥4000	
$\frac{1}{2}$ QJM32-1.0SL ₂ L	0.993,0.497	20	31.5	2-400	3138	4~7		
$\frac{1}{2}$ QJM32-1.25SL L	1.295,0.648	20	31.5	2-320	3833	3~5		
$\frac{1}{2}$ QJM32-1.6SL ₂ L	1.649,0.825	20	31.5	2-250	4881	3~5		
$\frac{1}{2}$ QJM32-2.0SL ₂ L	2.03,1.015	16	25	2-200	4807	3~5		
$\frac{1}{2}$ QJM32-2.5SL ₂ L	2.71,1.355	10	16	1-160	4011	3~5		
$\frac{1}{2}$ QJM32-3.2SL ₂ L	3.3,1.65	10	16	1-125	4884	3~5		
$\frac{1}{2}$ QJM32-4.0SL ₂ L	4.0,2.0	10	16	1-100	5920	3~5		
$\frac{1}{2}$ QJM42-2.0SL	2.11,1.055	20	31.5	1-250	6246	4~7		≥5000
$\frac{1}{2}$ QJM42-2.5SL	2.56,1.28	20	31.5	1-250	7578	4~7		
$\frac{1}{2}$ QJM42-3.2SL	3.28,1.64	10	16	1-200	4850	4~6		
$\frac{1}{2}$ QJM42-4.0SL	4.0,2.0	10	16	1-160	5920	3~5		
$\frac{1}{2}$ QJM42-4.5SL	4.56,2.28	10	16	1-125	6808	3~5		
$\frac{1}{2}$ QJM52-2.5SL	2.67,1.335	20	31.5	1-200	7903	4~7	≥6000	
$\frac{1}{2}$ QJM52-3.2SL	3.24,1.62	20	31.5	1-200	9590	4~7		
$\frac{1}{2}$ QJM52-4.0SL	4.0,2.0	16	25	1-200	9472	4~6		
$\frac{1}{2}$ QJM52-5.0SL	5.23,2.615	16	25	1-160	7740	3~5		
$\frac{1}{2}$ QJM52-6.3SL	6.36,3.18	16	25	1-125	9413	3~5		



● $\frac{1}{2}$ QJM※※——※※SeL型外控式带制动器液压马达技术参数 (理论参数未考虑效率)

Technical data of out control $\frac{1}{2}$ QJMS※※——※※SeL series hydraulic motor with brake

型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出 扭矩 Rated output torque (N.m)	制动器开启 压力 Open brake Pressure (Mpa)	制动器制动 扭矩 Brake torque (N.m)
		额定 Rated	尖峰 Peak				
1 QJM12-0.8SeL	0.808	10	16	4-250	1076	1.3≤P≤6.3	≥1800
1 QJM12-1.0SeL	0.993	10	16	4-200	1332		
1 QJM12-1.25SeL	1.328	10	16	4-160	1771		
$\frac{1}{2}$ QJM21-0.32SeL	0.317	16	25	2-500	751,376	2.5≤P≤6.3	≥2500
$\frac{1}{2}$ QJM21-0.40SeL	0.404,0.202	16	25	2-400	957,479		
$\frac{1}{2}$ QJM21-0.50SeL	0.496,0.248	16	25	2-320	1175,588		
$\frac{1}{2}$ QJM21-0.63SeL	0.664,0.332	16	25	2-250	1572,786		
$\frac{1}{2}$ QJM21-0.80SeL	0.808,0.404	16	25	2-200	1913,957		
$\frac{1}{2}$ QJM21-1.0SeL	1.01,0.505	10	16	2-160	1495,748		
$\frac{1}{2}$ QJM21-1.25SeL	1.354,0.677	10	16	2-125	2004,1002		
$\frac{1}{2}$ QJM21-1.6SeL	1.65,0.825	10	16	2-100	2442,1221		
$\frac{1}{2}$ QJM32-0.63SeL	0.635,0.318	20	31.5	3-300	1880,940		
$\frac{1}{2}$ QJM32-0.8SeL	0.808,0.404	20	31.5	3-250	2368,1184		
$\frac{1}{2}$ QJM32-1.0SeL	0.993,0.497	20	31.5	2-250	3138,1569		
$\frac{1}{2}$ QJM32-1.25SeL	1.328,0.664	20	31.5	2-200	3833,1942	≥6000	
$\frac{1}{2}$ QJM32-1.6SeL	1.616,0.808	20	31.5	2-200	4881,2441		
$\frac{1}{2}$ QJM32-2.0SeL	2.03,1.015	16	25	2-200	4807,2404		
$\frac{1}{2}$ QJM32-2.5SeL	2.71,1.355	10	16	1-160	4011,2006		
$\frac{1}{2}$ QJM32-3.2SeL	3.3,1.65	10	16	1-125	4884,2442		
$\frac{1}{2}$ QJM32-4.0SeL	4.0,2.0	10	16	1-100	5920,2960		
$\frac{1}{2}$ QJM42-2.0SeL	2.11,1.055	20	31.5	1-250	6246,3123		2.1≤P≤6.3
$\frac{1}{2}$ QJM42-2.5SeL	2.56,1.28	20	31.5	1-250	7578,3789		
$\frac{1}{2}$ QJM42-3.2SeL	3.3,1.65	10	16	1-200	4884,2442		
$\frac{1}{2}$ QJM42-4.0SeL	4.0,2.0	10	16	1-160	5920,2960		
$\frac{1}{2}$ QJM42-4.5SeL	4.56,2.28	10	16	1-125	6808,3404		
$\frac{1}{2}$ QJM52-2.5SeL	2.67,1.355	20	31.5	1-200	7903,3952	2.2≤P≤6.3	≥10000
$\frac{1}{2}$ QJM52-3.2SeL	3.24,1.62	20	31.5	1-200	9590,4795		
$\frac{1}{2}$ QJM52-4.0SeL	4.0,2.0	16	25	1-200	9472,4736		
$\frac{1}{2}$ QJM52-5.0SeL	5.23,2.615	10	16	1-160	7740,3870		
$\frac{1}{2}$ QJM52-6.3SeL	6.36,3.18	10	16	1-125	9413,4707		



● 外形联接尺寸 External Coupling Dimension

型号	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D	D1	D2	D3	D4	D6	D7	D8	n-D9	MA	MB	MC	平键	a°	K	重量 (kg)
1QJM12-**-Sel.	288	17	121	87	60	12	13	25	-	33	-	φ240	φ150	M16x1.5	±0.69	±0.290g7	-	±307±0.2	±0.327	8-φ11	-	2-M33x2	M16x1.5	-	22.5°	6-90H11x80H11x20D9 90b12x80b12x20d9	50
1QJM21-**-Sel.	245	27	102	100	60	18.5	16	24	-	36	-	φ304	φ150	M18x1.5	±0.69	±0.310g7	-	±330±0.2	±0.360	8-φ13	M12x1.5	2-M33x2	M22x1.5	-	22.5°	6-90H11x80H11x20D9 90b12x80b12x20d9	95
1QJM32-**-Sel.	271	24	140	115	55	13	16	19	-	35	-	φ320	φ165	M18x1.5	±0.79	±0.335g7	-	±354±0.2	±0.380	8-φ13	M12x1.5	2-M33x2	M22x1.5	-	15°	6-98H11x82H11x14D9 98b12x82b12x14d9	120
1QJM42-**-Sel.	278	21	160	124	35	15	18	22	-	45	-	φ350	φ190	M16x1.5	±0.100	±0.395f6	-	±418±0.2	±0.445	12-φ17	M16x1.5	2-M42x2	M22x1.5	-	15°	10-112H11x102H11x16D9 112b12x102b12x16d9	150
1QJM52-**-Sel.	318	27	175	135	45	17	18	22	-	45	-	φ420	φ220	M18x1.5	±0.110	±0.395f6	-	±418±0.2	±0.445	12-φ17	M16x1.5	2-M46x2	M22x1.5	-	15°	10-120H11x112H11x18D9 120b12x112b12x18d9	200

● $\frac{1}{2}$ QJM**——**SeZ(SeZH) L型外控式带制动器液压马达技术参数(理论参数未考虑效率)

Technical data of $\frac{1}{2}$ QJM**——**SeZ(SeZH)L hydraulic motor with bearing and outside brake

型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出 扭矩 Rated output torque (N.m)	制动器开启 压力 Open brake Pressure (Mpa)	制动器制动 扭矩 Brake torque (N.m)
		额定 Rated	尖峰 Peak				
1 QJM12-0.8SeZL	0.808	10	16	4-200	1076	1.3≤P≤6.3	≥1800
1 QJM12-1.0SeZL	0.993	10	16	4-200	1332		
1 QJM12-1.25SeZL	1.328	10	16	4-160	1771		
$\frac{1}{2}$ QJM21-0.32SeZL	0.317,0.1585	16	25	2-500	751,376	2.5≤P≤6.3	≥2500
$\frac{1}{2}$ QJM21-0.4SeZL	0.404,0.202	16	25	2-400	957,478		
$\frac{1}{2}$ QJM21-0.5SeZL	0.496,0.248	16	25	2-320	1175,588		
$\frac{1}{2}$ QJM21-0.63SeZL	0.664,0.332	16	25	2-250	1572,786		
$\frac{1}{2}$ QJM21-0.8SeZL	0.808,0.404	16	25	2-200	1913,956		
$\frac{1}{2}$ QJM21-1.0SeZL	1.01,0.505	10	16	2-160	1495,748		
$\frac{1}{2}$ QJM21-1.25SeZL	1.354,0.677	10	16	2-125	2004,1002		
$\frac{1}{2}$ QJM21-1.6SeZL	1.65,0.825	10	16	2-100	2442,1221		
$\frac{1}{2}$ QJM32-0.63SeZL	0.635,0.318	20	31.5	3-500	1880,940		
$\frac{1}{2}$ QJM32-0.8SeZL	0.808,0.404	20	31.5	3-400	2368,1184		
$\frac{1}{2}$ QJM32-1.0SeZL	0.993,0.497	20	31.5	2-400	3138,1519	2.1≤P≤6.3	≥9000
$\frac{1}{2}$ QJM32-1.25SeZL	1.328,0.664	20	31.5	2-320	3833,1917		
$\frac{1}{2}$ QJM32-1.6SeZL	1.616,0.808	20	31.5	2-250	4881,2441		
$\frac{1}{2}$ QJM32-2.0SeZL	2.03,1.015	16	25	2-200	4807,2404		
$\frac{1}{2}$ QJM32-2.5SeZL	2.71,1.335	10	16	4-160	4011,2006		
$\frac{1}{2}$ QJM32-3.2SeZL	3.3,1.65	10	16	1-125	4884,2442		
$\frac{1}{2}$ QJM32-4.0SeZL	4.0,2.0	10	16	1-100	5920,2960		
$\frac{1}{2}$ QJM42-2.0SeZL	2.11,1.055	20	31.5	1-320	6246,3123	2.1≤P≤6.3	≥9000
$\frac{1}{2}$ QJM42-2.5SeZL	2.56,1.28	20	31.5	1-250	7578,3789		
$\frac{1}{2}$ QJM42-3.2SeZL	3.3,1.65	10	16	1-200	4884,2442		
$\frac{1}{2}$ QJM42-4.0SeZL	4.0,2.0	10	16	1-160	5920,2960		
$\frac{1}{2}$ QJM42-4.5SeZL	4.56,2.28	10	16	1-125	6808,3404		
$\frac{1}{2}$ QJM52-2.5SeZL	2.67,1.335	20	31.5	1-320	7903,3952		
$\frac{1}{2}$ QJM52-3.2SeZL	3.24,1.62	20	31.5	1-250	9590,4795		
$\frac{1}{2}$ QJM52-4.0SeZL	4.0,2.0	16	25	1-200	9472,4736		
$\frac{1}{2}$ QJM52-5.0SeZL	5.23,2.615	10	16	1-160	7740,3870		
$\frac{1}{2}$ QJM52-6.3SeZL	6.36,3.18	10	16	1-125	9413,4707		

注： $\frac{1}{2}$ QJM**——**SeZH L的技术参数与上表中相应排量的液压马达技术参数相同。

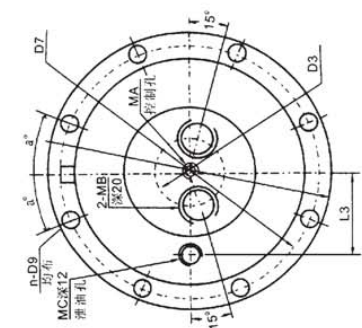
Note: Technical data of $\frac{1}{2}$ QJM**——**SeZH L hydraulic motor have the same data as $\frac{1}{2}$ QJM**——**SeZ L hydraulic motors.



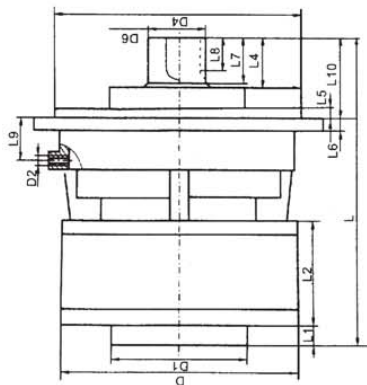
选型前请详阅各项说明

Please read carefully the specifications before selection

1/2QJM



图B



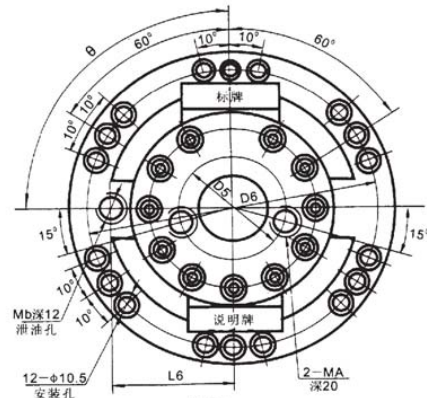
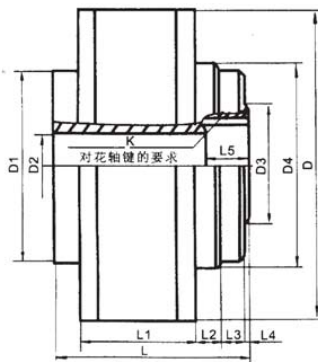
● 图B外型联接尺寸 External Coupling Dimension

型号TYPE	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D	D1	D2	D3	D4	D6	D7	D8	n-D9	MA	MB	MC	a°	平键	花键	重量(kg)
1QJM12-**-SeZL	350	17	121	87	66	10	13	62	-	24	96	±240	±150	M16x1.5	±69	±250g7	±60h7	±265+02	±285	8-±11	-	2-M33x2	M16x1.5	22.5°	18x60	-	60
1QJM12-**-SeZHL	370	17	121	87	62	12	13	58	39	24	100	±240	±150	M16x1.5	±69	±290g7	-	±307+0.5	±327	8-±11	-	2-M33x2	M16x1.5	22.5°	-	6-90b12x90b12x20d9	80
1QJM21-**-SeZL	410	27	102	100	69.5	14	16	65	-	36	113	±304	±150	M18x1.5	±69	±310g7	±70h7	±330+0.2	±360	8-±3	M12x1.5	M12x1.5	M22x1.5	22.5°	A20x16	-	80
2QJM32-**-SeZL	416	24	140	115	81	13	16	78	-	35	136	±320	±165	M16x1.5	±79	±335g7	±70h7	±354+0.2	±380	12-±13	M12x1.5	2-M33x2	M22x1.5	15°	C20x70	-	95
2QJM32-**-SeZHL	410	24	140	115	75	13	16	72	55	35	114	±320	±165	M16x1.5	±79	±335g7	-	±354+0.2	±380	12-±13	M12x1.5	2-M33x2	M22x1.5	15°	-	10-98b12x92b12x14d9	95
2QJM42-**-SeZL	466	21	160	124	75	12	18	71	50	44	135	±350	±190	M16x1.5	±100	±365g7	-	±398+0.2	±430	12-±17	M16x1.5	2-M42x2	M22x1.5	15°	-	10-112b12x102b12x16d9	120
2QJM42-**-SeZHL	466	21	160	124	75	15	18	71	50	37	120	±350	±190	M16x1.5	±100	±365g7	-	±398+0.2	±430	12-±17	M16x1.5	2-M42x2	M22x1.5	15°	-	10-112b12x102b12x16d9	120
2QJM52-**-SeZL	532	27	175	135	141	17	18	136	-	45	184	±420	±220	M16x56	±110	±395f6	±78h7	±418+0.2	±445	12-±17	M16x1.5	2-M48x2	M22x1.5	15°	C22x132	-	150
2QJM52-**-SeZHL	471	27	175	135	71	17	18	-	45	45	114	±420	±220	M16x56	±110	±395f6	-	±418+0.2	±445	12-±17	M16x1.5	2-M48x2	M22x1.5	15°	-	12-112b12x112b12x20d9	150

● 1/2QJM※※——※※T※※L型通孔液压马达技术参数(理论参数未考虑效率)

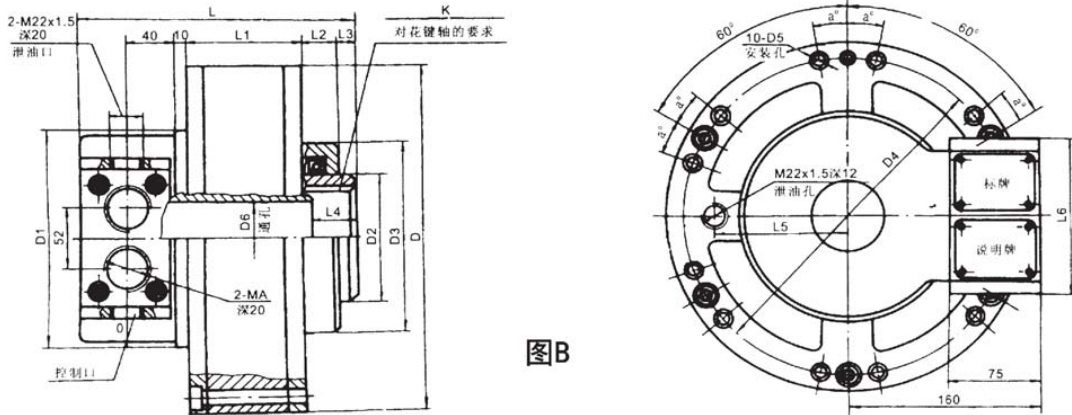
Technical data of QJM hydraulic with through hole motor

型号 Type	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed Range(r/min)	额定输出扭矩 Rated output Torque (N.m)	通孔直径 Through hole dia mm
		额定 Rated	尖峰 Peak			
1QJM01-0.1T40L	0.1	10	16	8-400	148	40
1QJM01-0.16T40L	0.163	10	16	8-350	241	
1QJM01-0.2T40L	0.203	10	16	8-320	300	
1QJM11-0.32T50L	0.317	10	16	5-400	468	50
1QJM11-0.4T50L	0.404	10	16	5-400	598	
1QJM11-0.5T50L	0.5	10	16	5-320	734	
1/2QJM21-0.32T65L	0.317,0.159	16	25	2-630	751,376	65
1/2QJM21-0.5T65L	0.496,0.248	16	25	2-400	1175,588	
1/2QJM21-0.63T65L	0.664,0.332	16	25	2-320	1572,786	
1/2QJM21-1.0T65L	1.01,0.505	10	16	2-250	1495,748	
1/2QJM21-1.25T65L	1.354,0.677	10	16	2-200	2004,1002	
1/2QJM32-0.63T75L	0.635,0.318	20	25	1-300	1880,940	75
1/2QJM32-1.0T75L	1.06,0.53	20	25	1-250	3138,519	
1/2QJM32-1.25T75L	1.30,0.65	20	25	2-200	3833,1917	
1/2QJM32-2.0T75L	2.03,1.02	16	25	2-200	4807,2404	
1/2QJM32-2.5T75L	2.71,1.36	10	16	1-160	4011,2006	
1/2QJM42-2.5T80L	2.56,1.24	20	31.5	1-125	7578,3789	80
1/2QJM52-3.2T80L	3.24,1.62	20	31.5	1-200	9590,4795	
1/2QJM52-4.0T80L	4.0,2.0	16	25	1-200	9472,4736	
1/2QJM52-5.0T80L	5.23,6.15	10	16	1-160	7740,3870	
1/2QJM52-6.3T80L	6.36,3.18	10	16	1-100	9413,4707	
1/2QJM62-4.0T125L	4.0,2.0	20	31.5	0.5-150	11840,5920	125
1/2QJM62-5.0T125L	5.18,2.59	20	31.5	0.5-125	15333,7667	
1/2QJM62-6.3T125L	6.27,3.135	16	25	0.5-125	14847,7424	
1/2QJM62-8.0T125L	7.85,3.925	10	16	0.5-100	11618,5809	
1/2QJM62-10T125L	10.15,5.075	10	16	0.5-80	15022,7501	



● 图A外型联接尺寸 External Connection Dimension

型号 Type	L	L1	L2	L3	L4	L5	L6	θ	D	D1	D2	D3	D4	D5	D6	MA	MB	k 对花键轴要求	重量 (Kg)
1QJM01-**T40L	130	79	15	23	3	30	53	180°	φ180	φ130	φ40	φ110	φ130g6	φ70	φ165	M22x1.5	M12x1.5	6-48H11x42H11x12D9 48b12x42b12x12d9	15
1QJM11-**T50L	139	87	16	17	3	28	87	90°	φ240	φ150	φ50	φ100	φ160g6	φ80	φ220	M22x1.5	M16x1.5	6-70H11x62H11x16D9 70b12x62b12x12d9	26

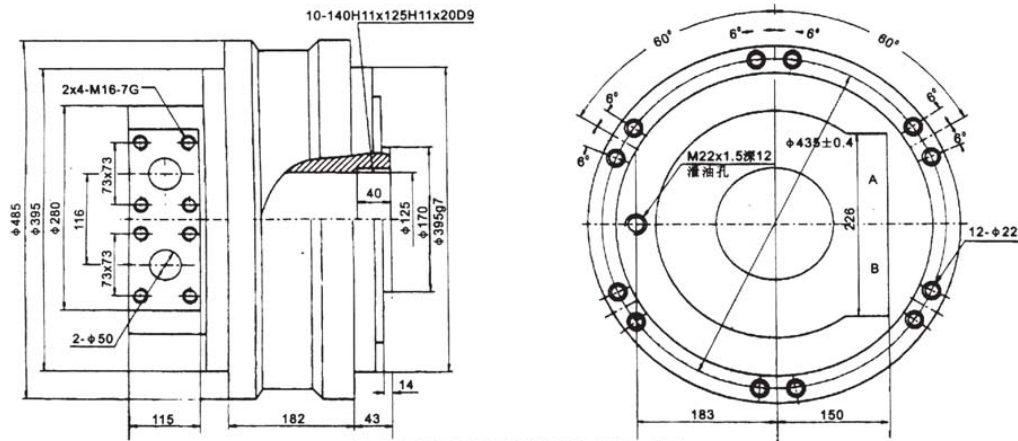


图B

● 图B外形联接尺寸 External Connection Dimension

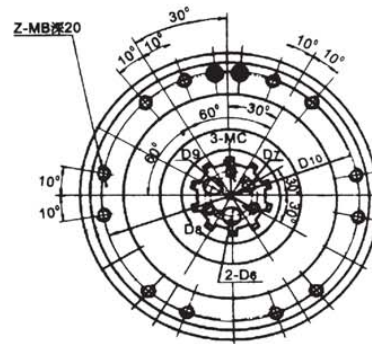
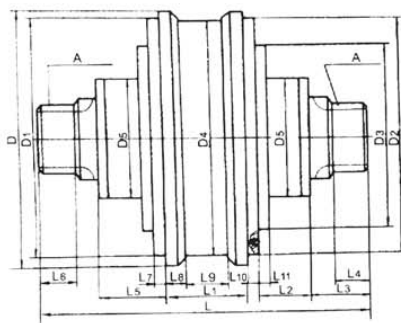
型号Type	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	D4	D5	D6	MA	a°	K		重量 (kg)
																	对花键轴要求		
2QJM21-**T50L	229	99	29	14	36	100	156	∅300	∅148	∅110	∅160g6	∅283	∅11	∅50	M27x2	10°	6-	98H11x92H11x14D9 98b12x92b12x14d9	60
2QJM21-**T65L	230	98	29	14	37	110	146	∅304	∅186	∅110	∅160g6	∅283	∅11	∅65	M33x2	10°	6-	98H11x92H11x14D9 98b12x92b12x14d9	64
2QJM32-**T75L	273	138	43	10	41	115	146	∅320	∅186	∅120	∅170g6	∅299	∅13	∅75	M33x2	10°	6-	98H11x92H11x14D9 98b12x92b12x14d9	88
2QJM42-2.5T80L	292	160	16	30	40	124	146	∅350	∅190	∅140	∅200h8	∅320	∅13	∅80	M33x2	10°	6-	112H11x102H11x16D9 112b12x102b12x16b9	120
2QJM52-2.5T80L	367	175	30	24	45	135	190	∅420	∅220	∅160	∅315g7	∅360	6-122	∅80	M48x2	6°	6-	120H11x112H11x16D9 120b12x112b12x18d9	162

注：2QJM52-2.5T80L马达控制口和泄油口与上图所示对调



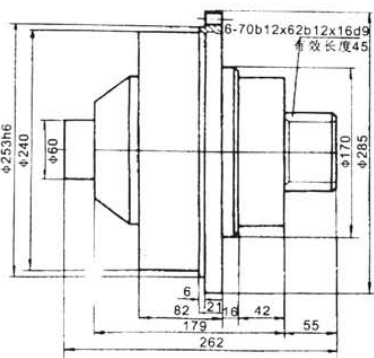
1QJM62-**T125L型马达外形安装尺寸图

型号(Type)	型号(Type)	排量 Displacement (L/rev)	压力 Pressure(MPa)		转速范围 Rotational Speed range (r/min)	额定输出 扭矩 Rated output torque (N.m)
			额定(Rated)	尖峰(Peak)		
1QKM11-0.32L	1QKM11-0.32D	0.317	10	16	5-400	488
1QKM11-0.4L	1QKM11-0.4D	0.404	10	16	5-400	598
1QKM11-0.5L	1QKM11-0.5D	0.496	10	16	5-320	734
1QKM11-0.63L	1QKM11-0.63D	0.664	10	16	4-250	983
1QKM32-2.5L	1QKM32-2.5D	2.71	10	16	1-160	4011
1QKM32-3.2L	1QKM32-3.2D	3.3	10	16	1-125	4884
1QKM32-4.0L	1QKM32-4.0D	4.0	10	16	1-100	5920
1QKM42-3.2L	1QKM42-3.2D	3.24	10	16	1-200	4850
1QKM42-4.0L	1QKM42-4.0D	4.0	10	16	1-160	5920
1QKM42-4.5L	1QKM42-4.5D	4.6	10	16	1-125	5808
1QKM52-5.0L	1QKM52-5.0D	5.23	10	16	1-160	7740
1QKM52-6.3L	1QKM52-6.3D	6.36	10	16	1-125	9413
1QKM62-4.0L	-	4.0	20	31.5	0.5-150	11840
1QKM62-5.0L	-	5.18	20	31.5	0.5-125	15333
1QKM62-6.3L	-	6.27	16	25	0.5-125	14847
1QKM62-8.0L	-	7.85	10	16	0.5-100	11618
1QKM62-10L	-	10.15	10	16	0.5-80	15022



QKM外型联接尺寸

型号 (Type)	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	D	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	Z-MB	MC	A	重量
1QKM32-~L	510	146	83	99	58	83	58	18	-	18	-	φ320	φ280	φ280	-	-	φ178	φ25	φ16	φ60±0.3	φ43±0.2	φ299±0.3	12-M12	M16	6-90b12x80b12x20d9	105	
1QKM42-~L	550	156	85	132	60	85	60	-	37	82	-	24	φ376f7	-	-	φ214	φ340	φ182	φ28	φ18	φ68±0.3	φ50±0.4	φ346±0.3	9-M16	M16	10-98b12x92b12x14d9	129
1QKM52-~L	548	134	111	96	60	111	60	20	27	80	20	20	φ430	φ400e8	φ400e8	φ315	φ398	φ205	φ28	φ16	φ68±0.3	φ50±0.4	φ370±0.3	12-M16	M16	10-98b12x92b12x14d9	194
1QKM62-~L	665	175	120	125	100	120	100	20	48	79	20	33	φ485	φ395g7	φ395g7	φ320	φ484	φ262	φ28	φ20	φ68±0.3	φ50±0.4	φ435±0.3	12-M20	M16	10-112b12x102b12x16d9	250



1QKM11-~*L

