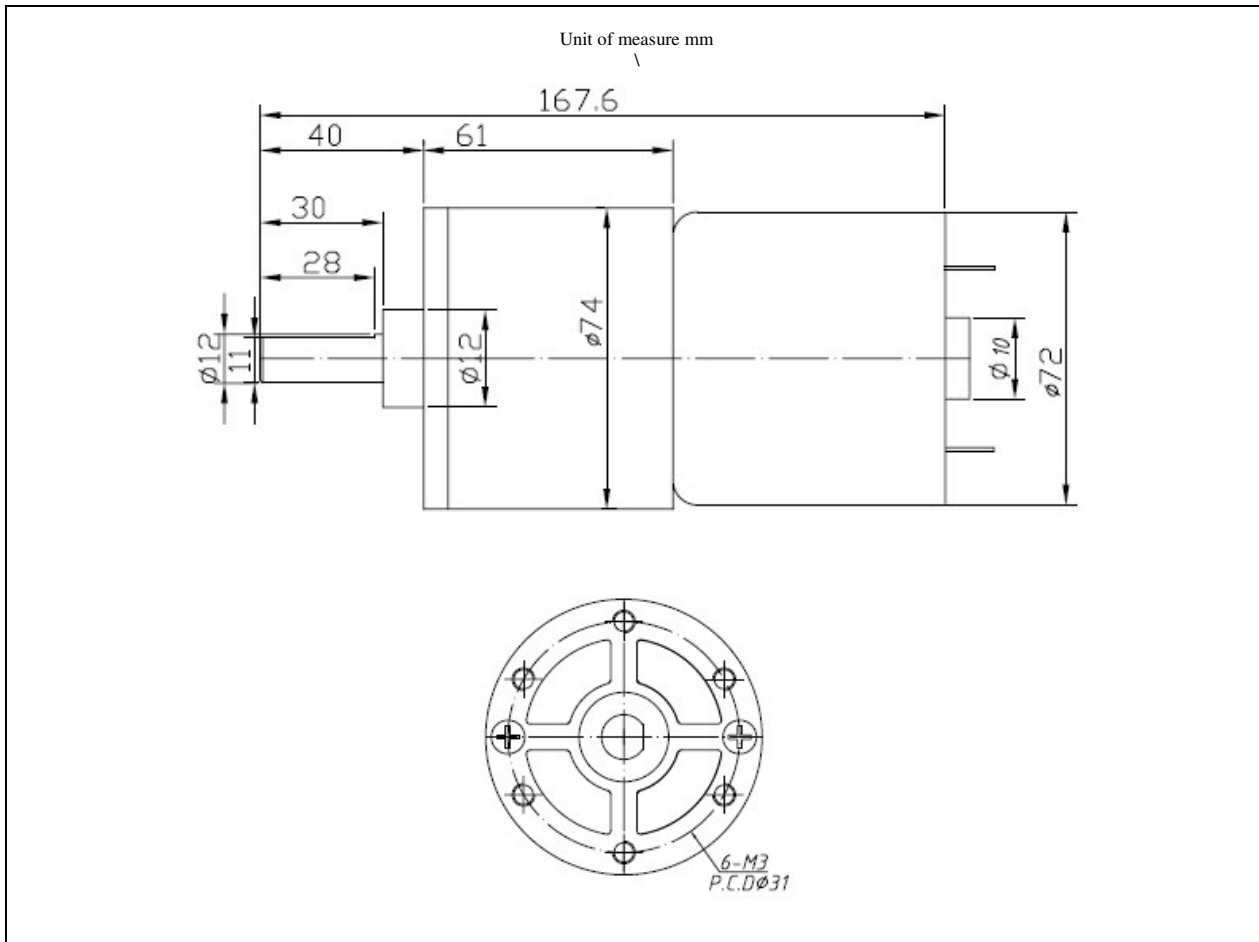
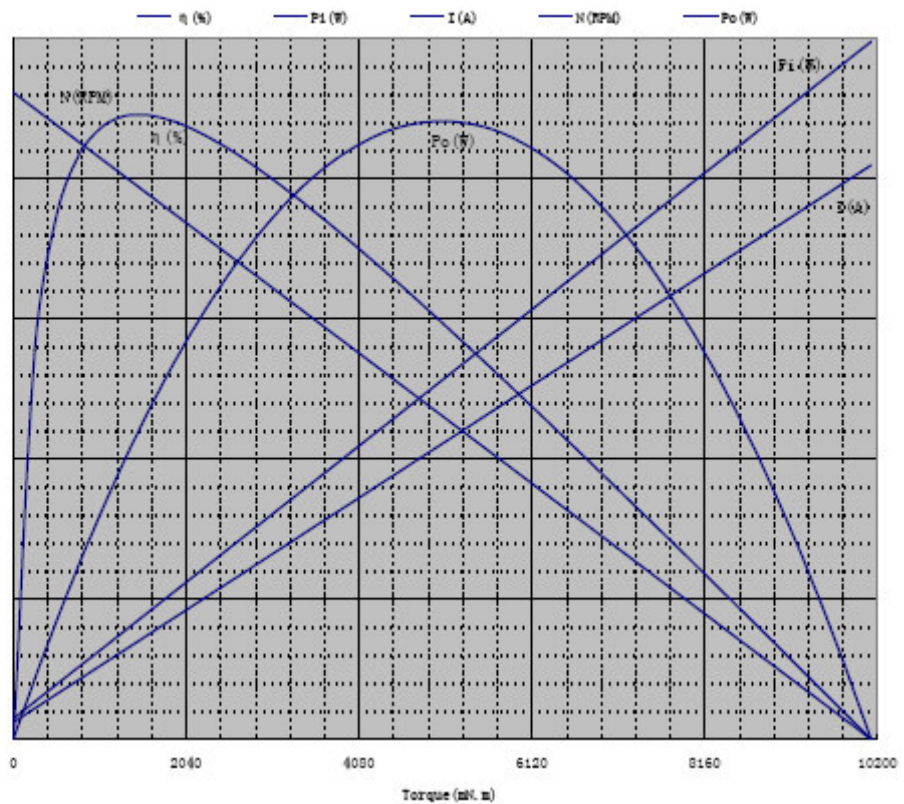


KYSAN SKU: 1156048  
MFG: A37RG686i24V5RPM  
Direction of Rotation: CCW



<u>At No Load(空载):</u>			<u>At Max Efficiency(最大效率):</u>			<u>At Max Output(最大输出功率):</u>		
Speed(转速):	6	RPM	Speed(转速):	5.1	RPM	Speed(转速):	3.0	RPM
Current(电流):	0.029	A	Current(电流):	0.2	A	Current(电流):	0.5	A
<u>At Stall Extrapolation(堵转):</u>			Torque(力矩):	1518	mN.m	Torque(力矩):	5059	mN.m
Stall Torque(堵转力矩):	10118	mN.m	Output(功率):	0.8	W	Output(功率):	1.6	W
Current(电流):	1.0	A	Efficiency(效率):	19.6	%	Efficiency(效率):	13.1	%

$\eta$ (%)	Pi (W)	I (A)	N (RPM)	Po (W)
22.0	25.7	1.2	6.6	1.90
17.6	19.0	1.0	6.2	1.44
15.2	14.3	0.7	5.9	1.03
9.8	9.6	0.6	2.6	0.72
4.4	4.7	0.2	1.5	0.36
0	0	0	0.0	0



- 1. Motor Type:** Small PMDC motor  
电机类型 微型直流电机
- 2. Standard Operating Conditions:**  
标准工作条件
- 2-1 Rated Voltage(额定电压): 24 V DC Constant between motor terminals(端子稳压).  
2-2 Direction of Rotation(旋转方向): CCW when viewed from output shaft side(从输出轴端看CCW).  
2-3 Operation Temperature Range(工作温度范围): Between 0°C and 50°C (在0°C ~50°C)  
2-4 Operation Humidity Range(工作湿度范围): Between 5% and 95%(在5%~95%)
- 3. Measuring Conditions:**  
测试条件
- 3-1 Motor Position(马达放置状态): Motor to be held with shaft horizontally(马达测试時水平放置).  
3-2 Power Supply(电源): Regulated power supply which assures unquestionable measurement(测试电源为稳压电源).  
3-3 Environment Temperature and Humidity(环境温度及湿度): The test is made in principle at a temperature between 15°C and 35°C and at a relative humidity 75%(在15°C~35°C及相對湿度75%的环境下测试).
- 4. Electrical Characteristics (at initial stage after 30 seconds run-in):**  
电气特性(起动30秒后的初始阶段)
- |                            |                      |
|----------------------------|----------------------|
| 4-1 No Load Current(空载電流): | <u>0.041</u> A max   |
| 4-2 No Load Speed(空载转速):   | <u>5.0 ± 0.8</u> rpm |
| 4-3 On Load Current(负载电流): | <u>0.207</u> A max   |
| 4-4 On Load Speed(负载转速):   | <u>5.1 ± 0.6</u> rpm |
| 4-5 On Load(额定负载):         | <u>1.518</u> N.m     |
- 5. Mechanical Characteristics:**  
机械特性
- 5-1 Dimensions(外形尺寸): As Per Drawing attached(见附图)  
5-2 End Play With Free Force(自由状态下虛位): 0 mm  
5-3 Runout of Shaft Extension(轴突端跳动): 0.05 mm max.