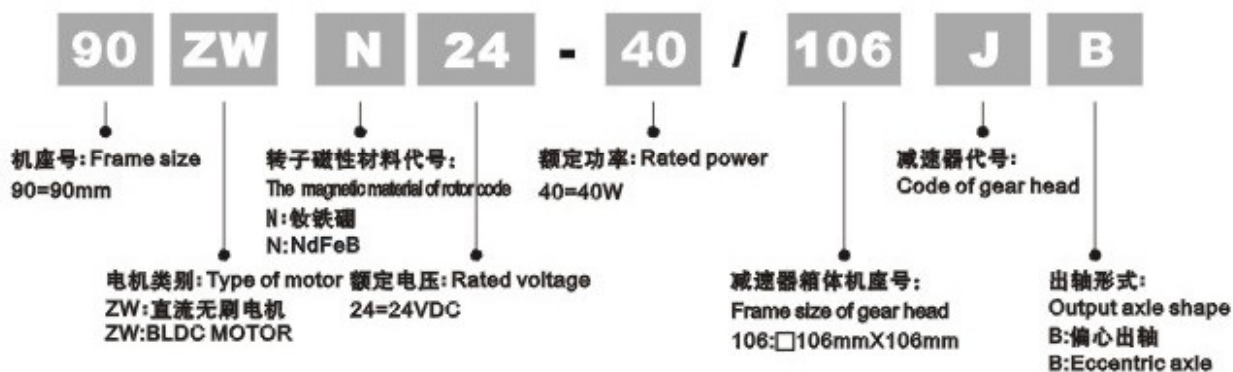


电机的型号命名 MODEL NUMBER OF MOTOR



通用技术条件 GENERAL SPECIFICATION

冷态绝缘电阻: 电机导电部分对机壳的冷态绝缘电阻不低于100MΩ;

Cold insulation resistance of the motor conductive part to the housing is no less than 100MΩ

绝缘介电强度: 额定电压≤60V, 电机导电部分与机壳能承受500V历时1min的耐压实验而不击穿, 额定电压>60V, 能承受1500V历时1min的耐压实验而不击穿。

Insulation Dielectric strength: the conductive part and the housing of the motor withstand 500V lasting 1min. for pressure proof experiment but can not be punctured, when the rated voltage≤60V; the conductive part and the housing of the motor withstand 1500V lasting 1min. for pressure proof experiment but can not be punctured, when the rated voltage>60V.

电机温升: <75K

Temperature rise: ≤75K

电机噪音: <55dB

Noise: ≤55dB

工作环境要求 OPERATING CONDITIONS

海拔不超过1000米;

Altitude within 1000 m

环境温度-25℃~40℃;

Ambient temperature:-25℃~40℃

相对湿度<90%(温度20℃时);

Relative humidity<90%(temperature 20℃)

贮存环境要求 STORAGE CONDITIONS

空气温度:-10℃~40℃;

Ambient temperature:-10℃~40℃

相对湿度:<90%;

Relative humidity<90%

通风良好;

Good ventilation

空气中不带腐蚀性气体;

No corrosive gas present

严禁与强磁性物体并存;

No strong magnetic object present

注意事项 ATTENTION

输入电压等级确保正确;

To be sure correct input voltage grade

电源正负极确保正确;

To be sure positive and negative pole of power supply are right

连接线路后不允许拆卸, 以免相位错调, 引起电流过大, 导致控制器烧毁;

... Connection line is not allowed to be untied once tied so that not to mess up the phase, otherwise it may arise an excess of current to result in burning the controller

电机出轴与负载连接时不能重力敲打、挤压, 以免造成内部变形错位, 产生严重噪声或卡死现象;

Do not beat or press the motor when connecting to the load to avoid noise and dead lock

严禁与强磁性物体并存。

No put together with strong magnets

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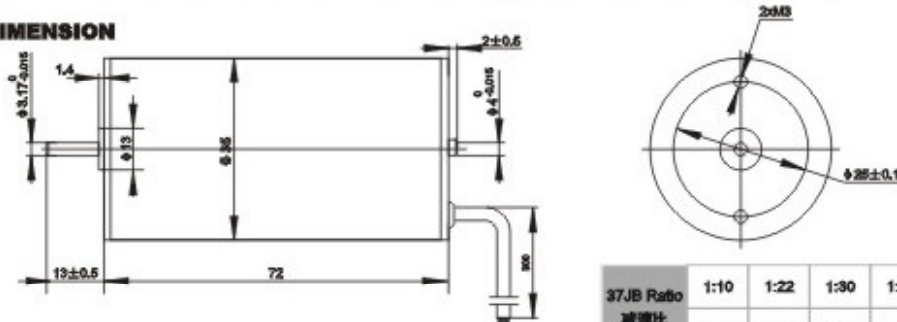


● 电机参数 SPECIFICATIONS

Type 型号	No. of m 相数	No. of p 极数	Rated voltage	Rated current	Rated torque	Rated power	Rated speed
			V DC	A	g.cm	W	r/min
35ZWN24-3.2/37JB	3	4	24	0.30	100	3.2	3000
35ZWN24-5-02/37JB	3	4	24	0.35	200	5	2500
35ZWN24-6.5/37JB	3	4	24	0.40	160	6.5	4000
35ZWN24-20	3	4	24	1.5	640	20	3000

● 外形尺寸 EXTERNAL DIMENSION

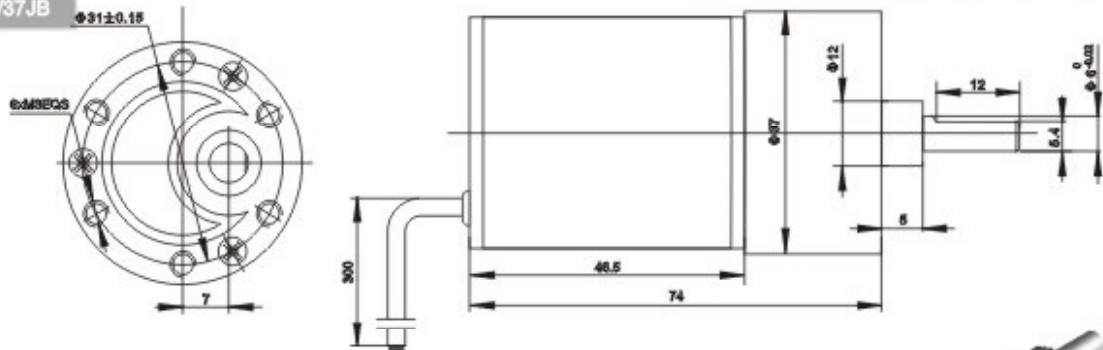
35ZWN24-20



35ZWN24-3.2/37JB

35ZWN24-5-02/37JB

35ZWN24-6.5/37JB

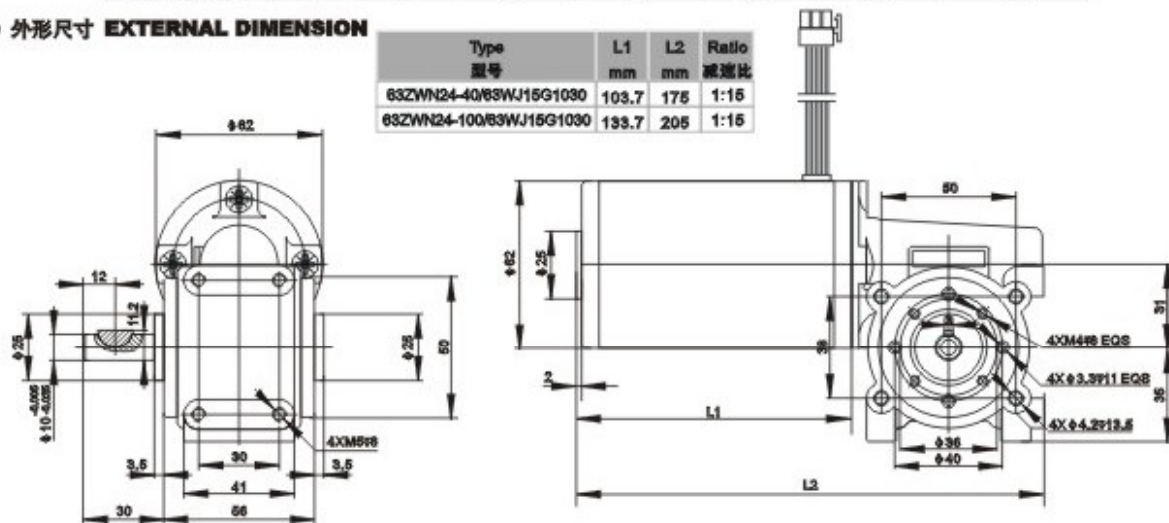


37JB Ratio 减速比	1:10	1:22	1:30	1:40	1:58
	1:04	1:120	1:148	1:180	1:300

● 电机参数 SPECIFICATIONS

Type 型号	No. of m 相数	No. of p 极数	Rated voltage	Rated current	Rated torque	Rated power	Rated torque
			V DC	A	g.cm	W	r/min
63ZWN24-40	3	8	24	2.8	1400	40	2800
63ZWN24-100	3	8	24	6.5	3000	100	3200

● 外形尺寸 EXTERNAL DIMENSION



Type 型号	L1 mm	L2 mm	Ratio 减速比
63ZWN24-40/63WJ15G1030	103.7	175	1:15
63ZWN24-100/63WJ15G1030	133.7	205	1:15

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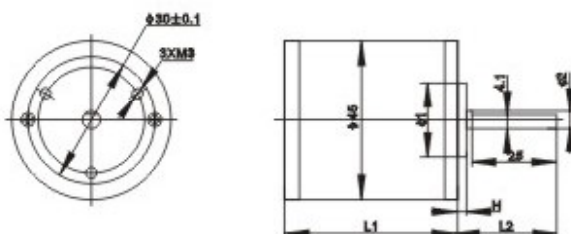


● 电机参数 SPECIFICATIONS

Type 型号	No. of m 相数	No. of p 极数	Rated voltage	Rated current	Rated torque	Rated power	Rated speed
			VDC	A	g.cm	W	rpm
45ZWN24-10	3	4	24	0.8	380	10	2600
45ZWN24-13	3	4	24	1.4	800	13	1600
45ZWN24-15	3	4	24	1.4	700	15	2100
45ZWN24-25	3	4	24	1.8	820	25	3000
45ZWN24-30	3	4	24	2	900	30	3200
45ZWN24-40	3	4	24	2.3	990	40	4000
45ZWN24-90	3	4	24	5.8	930	90	9360

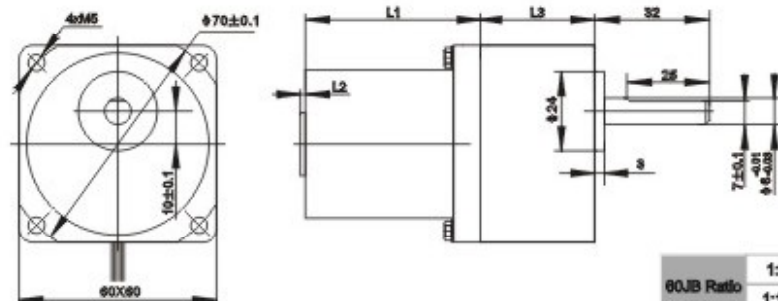
● 外形尺寸 EXTERNAL DIMENSION

45ZWN



Power 功率	L1 mm	L2 mm	H mm	φ mm	φ2 mm
10W	46.5	29.5	1.5	19 ^{+0.1} ₀	5 ^{+0.06} ₀
13-90W	80	28	2.5	21 ^{+0.03} ₀	5 ^{+0.012} ₀

45ZWN/80JB

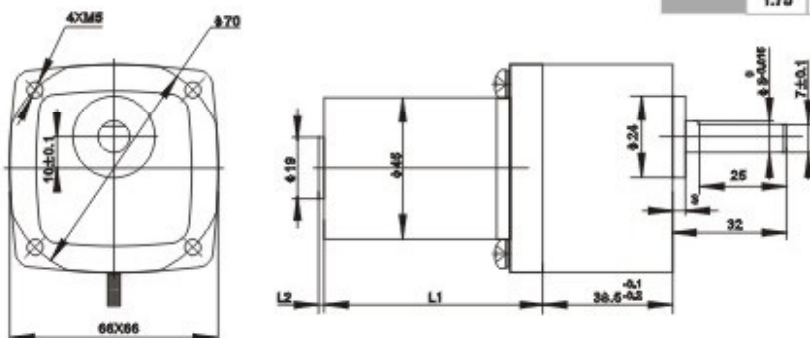


Power 功率	L1	L2	H	引出线位置 引出线位置
10W	51	1.5		侧面
30W	83.6	0		底部

Ratio 减速比	L3
1:3~1:18	32
1:20~1:600	40

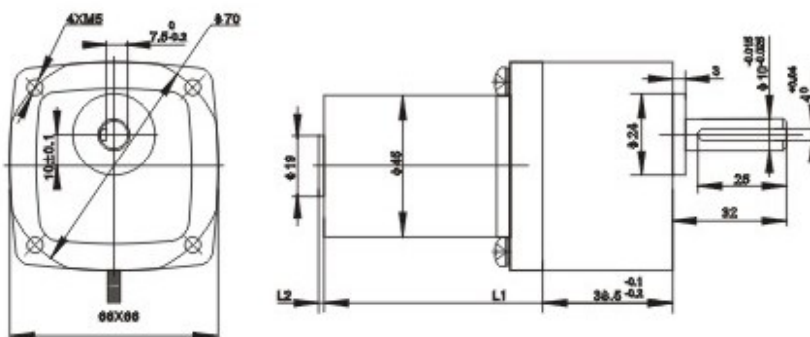
80JB Ratio 减速比	1:3	1:5	1:8	1:9	1:12.5	1:15	
	1:18	1:25	1:30	1:36	1:50	1:60	
	1:75	1:90	1:100	1:120	1:150	1:180	1:230

45ZWN/66JB



Power 功率	L1	L2
10W	58.5	1.5
30W	90	0

45ZWN/86JB



86JB Ratio 减速比	1:10	1:20	1:30	1:60
	1:100	1:120	1:150	1:180

Power 功率	L1	L2
10W	58.5	1.5
30W	90	0

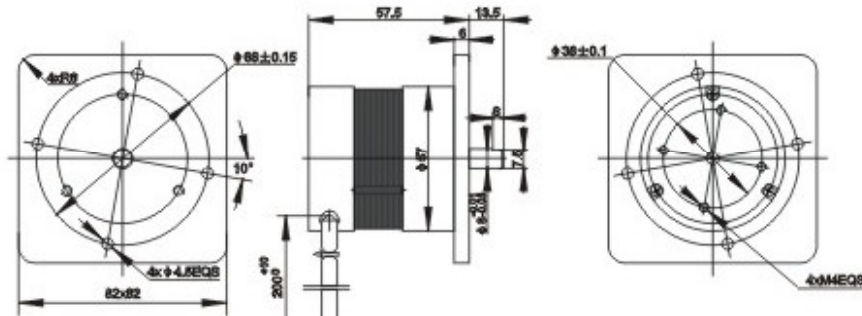
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● 电机参数 SPECIFICATIONS

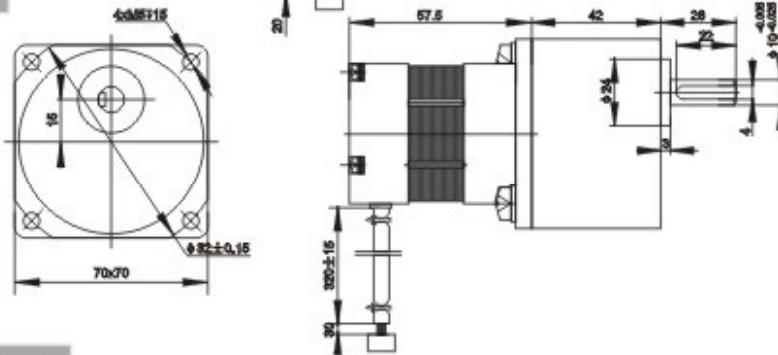
Type 型号	No. of m 相数	No. of p 极数	Rated voltage	Rated current	Rated torque	Rated power	Rated speed
			V DC	A	g.cm	W	rpm
57ZWN70-40-A	3	4	70	1.2	510	40	7500
57ZWN24-30/70JB	3	4	24	2.2	950	30	3000
57ZWN24-40-A/PC57-36	3	4	24	2.5	1050	40	3700

● 外形尺寸 EXTERNAL DIMENSION

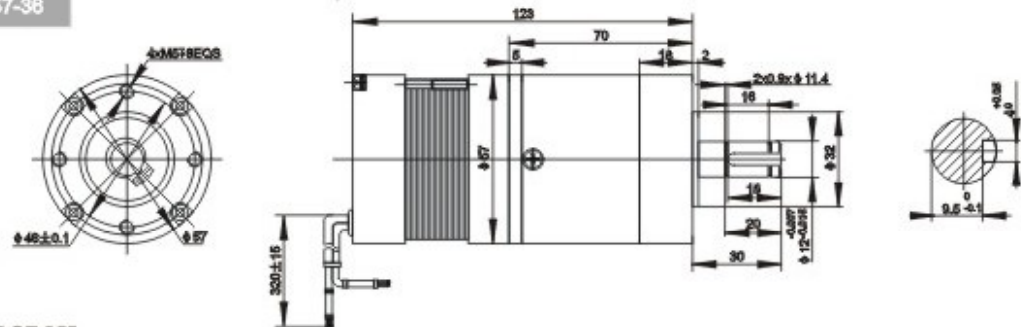
57ZWN70-40-A



57ZWN24-30/70JB



57ZWN24-40-A/PC57-36



● 接线图 WIRING DIAGRAM



White 相白线 10W A相绕组	Blue 相蓝线 10W B相绕组	Green 相绿线 10W C相绕组	Red 红线 10W 霍尔电源+	Black 黑线 10W 霍尔电源GND	White 线白线 10W 霍尔信号1	Blue 线蓝线 10W 霍尔信号2	Green 线绿线 10W 霍尔信号3
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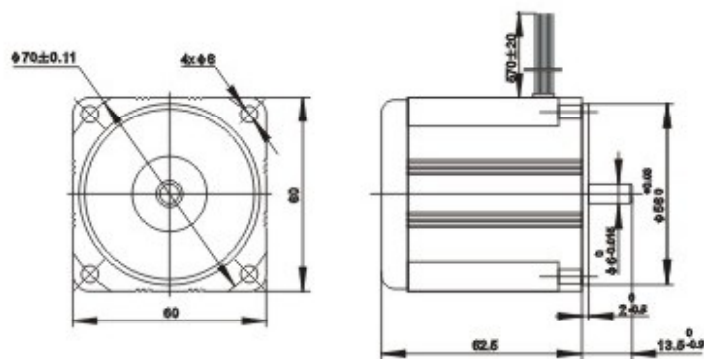

● 电机参数 SPECIFICATIONS

Type 型号	No. of m 相数	No. of p 极数	Rated voltage	Rated current	Rated torque	Rated power	Rated speed
			VDC	A	g.cm	W	rpm
60ZWN24-5	3	8	24	0.4	320	5	1500
60ZWN24-25	3	8	24	1.5	750	25	3200
60ZWN24-M/MJ12G1028	3	8	24	3.5	2000	60	2500

● 外形尺寸 EXTERNAL DIMENSION

60ZWN24-5

60ZWN24-25

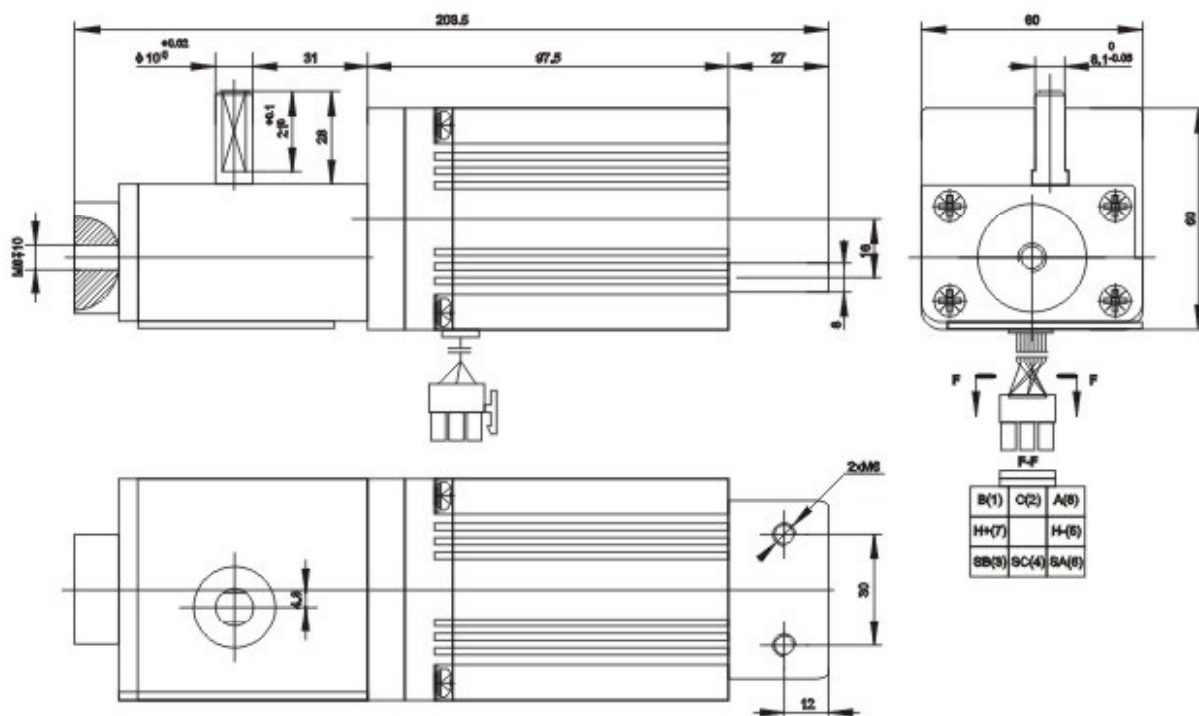


● 接线图 WIRING DIAGRAM



White 白色线	Blue 蓝色线	Green 绿色线	Red 红色线
10W A相绕组	10W B相绕组	10W C相绕组	10W 霍尔电源+
Black 黑线	White 白色线	Blue 蓝色线	Green 绿色线
10W 霍尔电源GND	10W 霍尔信号1	10W 霍尔信号2	10W 霍尔信号3

60ZWN24-M/MJ12G1028



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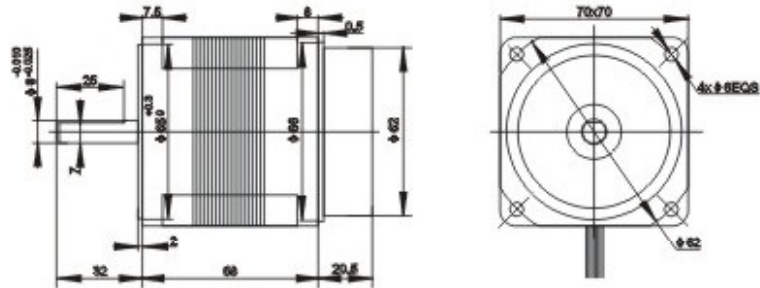


● 电机参数 SPECIFICATIONS

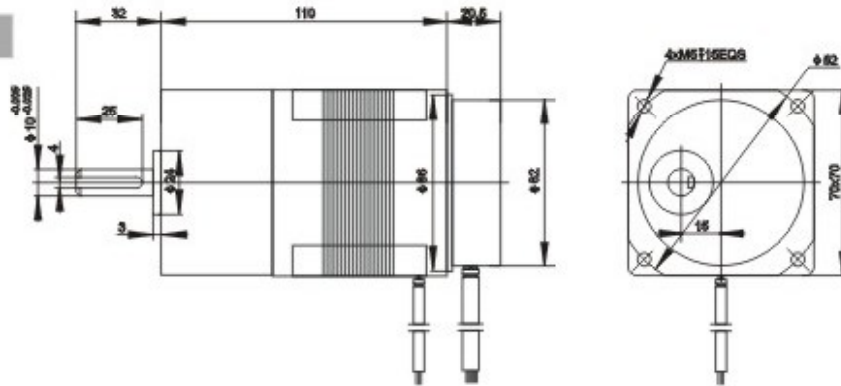
Type 型号	No. of m 相数	No. of p 极数	Rated voltage	Rated current	Rated torque	Rated power	Rated speed
			V DC	A	g.cm	W	rpm
70ZWN24-30	3	8	24	1.8	1200	30	2450
70ZWN24-30-A/70JB	3	8	24	1.8	1200	30	2450
70ZWN24-30-B/76JB	3	8	24	1.8	1200	30	2450

● 外形尺寸 EXTERNAL DIMENSION

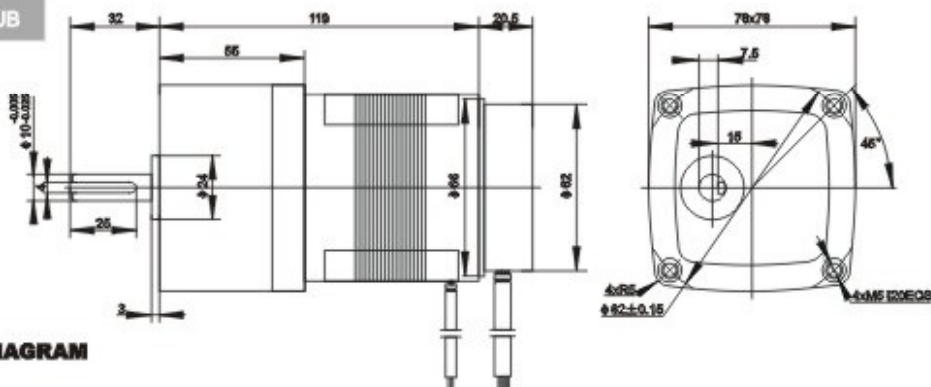
70ZWN24-30



70ZWN24-30-A/70JB



70ZWN24-30-B/76JB



● 接线图 WIRING DIAGRAM



White 线白线	Blue 线蓝线	Green 线绿线	Red 线红线	Black 线黑线	White 线白线	Blue 线蓝线	Green 线绿线
10W	10W	10W	10W	10W	10W	10W	10W
A相绕组	B相绕组	C相绕组	霍尔电源+	霍尔电源GND	霍尔信号1	霍尔信号2	霍尔信号3

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电机参数 SPECIFICATIONS

Type 型号	No. of m 相数	No. of p 极数	Rated voltage	Rated current	Rated torque	Rated power	Rated speed
			V	A	g.cm	W	rpm
90ZWN24-40	3	4	24 DC	3.4	2600	40	1500
90ZWN24-60	3	4	24 DC	4	3900	60	1500
90ZWN24-90	3	4	24 DC	6	5850	90	1500
90ZWN24-120	3	4	24 DC	6.8	7900	120	1500
90ZWN24-160	3	4	24 DC	9.9	10400	160	1500
90ZWN24-200	3	4	24 DC	11.5	13200	200	1500
90ZWN220-40	3	4	220 AC	0.6	2600	40	1500
90ZWN220-60	3	4	220 AC	0.73	3900	60	1500
90ZWN220-90	3	4	220 AC	1.1	5850	90	1500
90ZWN220-120	3	4	220 AC	1.14	7900	120	1500
90ZWN220-160	3	4	220 AC	1.25	10400	160	1500
90ZWN220-200	3	4	220 AC	1.45	13200	200	1500

外形尺寸 EXTERNAL DIMENSION

