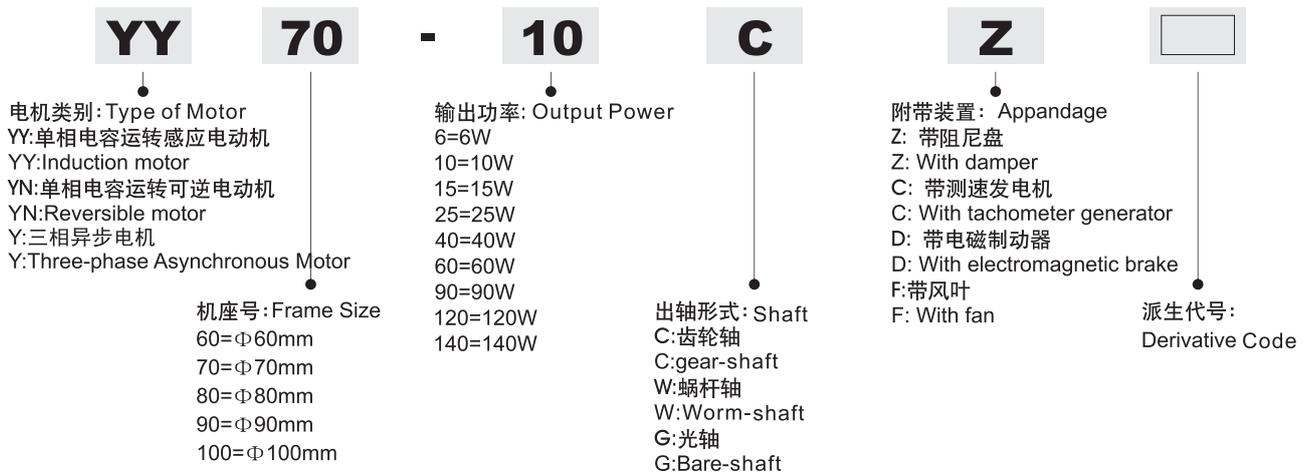
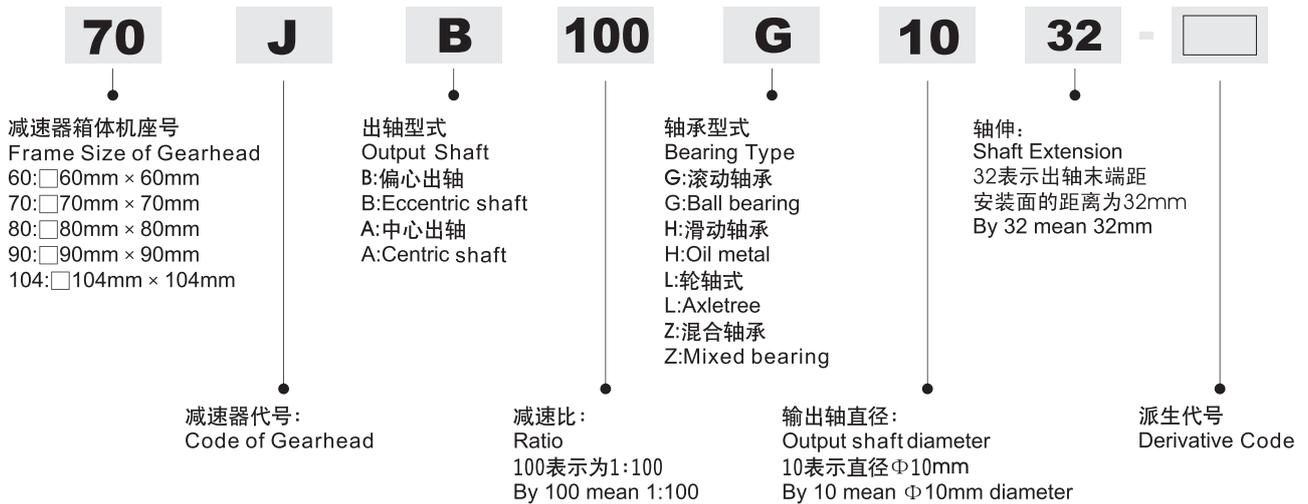




**电机型号命名 | Model Name of Motor**



**减速器型号命名 | Model Name of Gear Head**



**组合命名 | Model Name of Gearmotor**

电机与减速器组成减速器电动机，电机与减速器用“/”分开，出轴带齿省略“C”。  
 The gearmotor are assembled with motor and reduction gear, and they are separated by symbole /.



产品介绍 | Description Of The Products



本交流减速电机是目前国际上较先进的低转速电机。采用交流单相电容运转电机，配上一种合适的齿轮减速器，达到某种需要的输出。适合于在低转速传动装置中作驱动元件，能起到简化机械结构和降低能耗的作用。按其功能分有YY型感应电动机和YN型可逆电动机两种，每种还可以增加无级变速的速度控制功能。部分电机还可配带微型电磁制动器。

YY型感应电机适用于按一个方向连续运转的工作场合，如生产流水线、自动机床、印刷机械等。

YN型可逆电机适合于频繁启动或换向运转的场合，如自动售货机、包装机、电压调整器、电动升降机、电动执行器等。

LINIX AC Gear Motor is the internationally advanced low-speed electric motor. Adopting AC single-phase capacitor run motor and matching with a suitable gear speed reducer, this AC Gear Motor can achieve the required output. According to the functions of AC Gear Motor, this electric motor can be divided into YY type induced motor and YN type reversible motor. Both of them could have the speed control function of stepless change. Some electric motors also have minitype electromagnetic brake. LINIX AC Gear Motor is CCC, CE, UL and CSA approved.

YY induction motor for applications where uni-diretional continuous situation, such as production line, automatic machine, printing machine, etc.

YN reversible motor for applications where the motor frequent starting and stopping, such as auto vending machine, packing and lifting machine, etc.

通用技术条件 | General Specification

常态绝缘电阻	Normal Insulation resistance	100 MΩ
绝缘介电强度	Dielectric strength	AC 1800V 1S
电机温升	Temperature rise	≤75K
电机噪音	Noise	≤55dB

工作环境要求 | Operating Conditions

海拔高度	Altitude is no higher than	≤2500m
环境温度	Ambient temperature	-10℃~40℃
相对湿度(温度20℃时)	Relative humidity (Temperature 20℃)	<90%

贮存环境要求 | Storage Conditions

空气温度	Air temperature	-5℃~+35℃
相对湿度(温度20℃时)	Relative humidity (Temperature 20℃)	<70%
通风良好，不带有腐蚀性气体	Well ventilation, away from corrosive gas	

注意事项 | Attention

按正确的方法接线  
Connect wire in right way.

电机不宜长时间空载运行或超负荷低速运行及堵转，以免温升过高  
Do not run motor in no-load or overload in low speed for long time to avoid high temperature rise.

电机和测速机引出线不可用力拖拉，以免拉断内部线圈  
Don't drag the expansion line of tachogenerator.

已装配好的齿轮减速器不要随便拆装，以免灰尘进去或齿轮啮合不好产生噪音  
Do not disassemble or assemble the gear head casually to avoid noise.

电机和齿轮减速器的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 when the motor connecting to the load to avoid internal deformation which will in turn cause noise and dead lock.

产品优势 | Product Advantages

● 高强度，长寿命

Linix电机的结构件设计充分考虑过载能力，并经过严密的校核计算和测试，具有强度高、寿命长的特点。

High intensity and long service life

Linix motor structure design fully consider the overload capacity, and through strict Calculation and test, and has the advantages of high strength, long life characteristics.



● 高精度

Linix电机决定电磁性能的关键零部件-----定转子铁芯整个系列化产品均采用高速冲模具，定子加工采用全自动流水线，其他结构件均用高精度自动化设备加工，确保电机精度高，一致性好。

High-precision

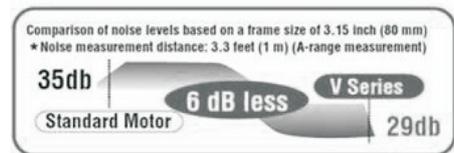
Linix motor electromagnetic properties of key parts and components - rotor core throughout the series of products are used in high speed punching die for stator processing, the use of fully automated assembly line, the other pieces of the structure with high precision automatic processing equipment, to ensure that the motor has high precision, good consistency.

● 低噪音

在保证其他结构件尺寸公差和形位公差的基础上，对齿轮的齿形进行优化设计，通过进口高精度设备保证齿形误差，有效地实现了低噪音的要求。

Low noise

The other pieces of the structure dimension tolerance and shape on the basis of gear tooth profile, optimization design, through the import of high-precision equipment ensure the tooth profile error, effectively realizes low noise requirements.



● 高启动力矩

针对大部分客户在使用场合的带载启动要求，linix电机很好的对电机启动性能进行了优化，启动力矩比市场上主流产品高30%左右。

High starting torque

Process for the majority of customers in the use of occasions starting with load requirements, linix motor very good starting performance of motor are optimized, starting torque than the market mainstream products about 30%.

● 个性化定制，团队服务

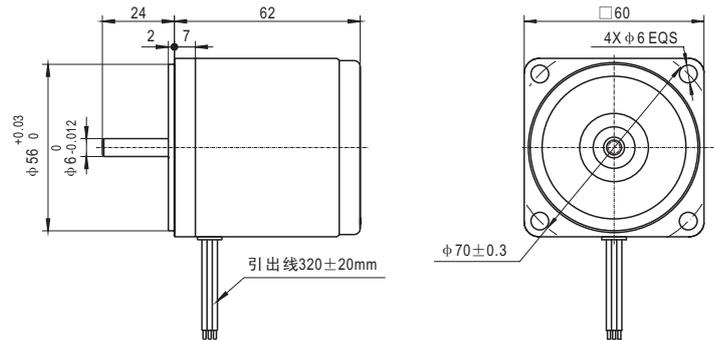
Linix拥有强大的技术开发和服务团队，可根据客户要求定制。团队服务以技术、工艺、品管、生产和市场等方面进行全面服务，可以胜任各种高端客户的高品质需求。

Personalized customization and team services

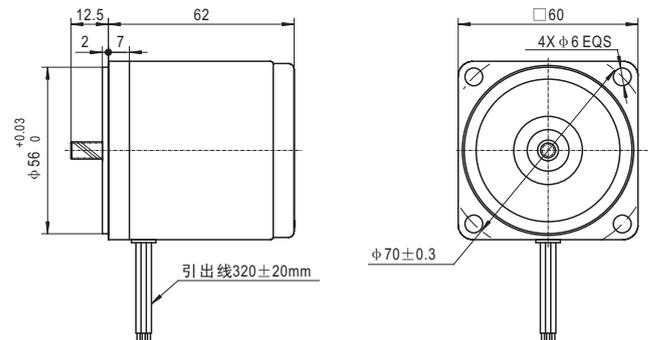
Linix has a strong technology development and service teams, can be customized according to customer requirements. Team services to technology, technology, quality control, production and marketing and other aspects of a comprehensive service, can be

外形尺寸 | Dimensions

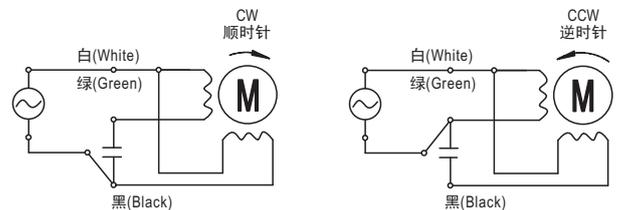
YN(Y)60-□-4



YN(Y)60-□-4G



接线图 | Connected Diagrams

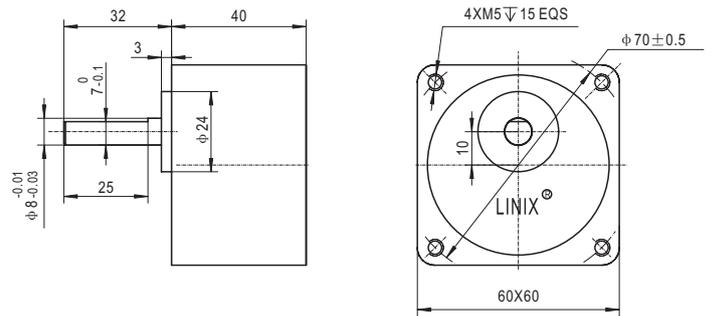


电机参数 | Specifications

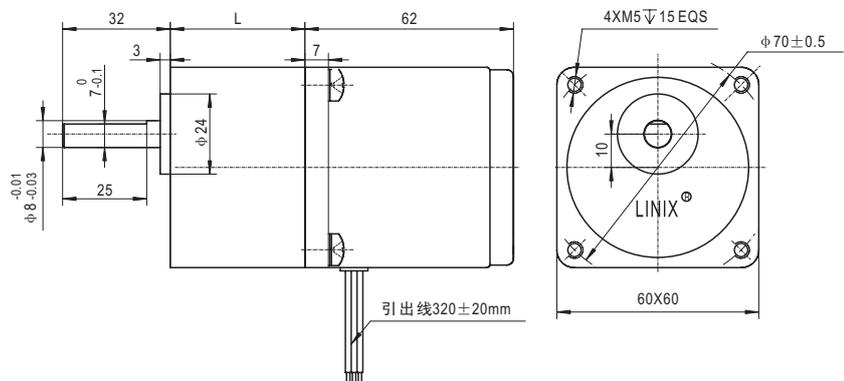
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μF
齿轮轴型 Pinion	光轴型 Round Shaft								
YN60-115-4	YN60-115-4G	4	1ph 115	60	0.21	40	1450	30	3
YN60-220-4	YN60-220-4G		1ph 220	50	0.10	42	1200	30	0.8
YN60-230-4	YN60-230-4G		1ph 230	50	0.11	53	1200	30	0.8

外形尺寸 | Dimensions

60JB □ G0832



YN(Y)60-□-4/60JB □ G0832



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)60-□-4/ 60JB □ G0832	N.m	0.08	0.12	0.15	0.19	0.25	0.31	0.37	0.45	0.45	0.56	0.67	0.80	0.89	1.12	1.21	1.51	1.82	2.02	2.42
	kgfcm	0.8	1.2	1.5	1.9	2.5	3.1	3.7	4.5	4.5	5.6	6.7	8	8.9	11.2	12.1	15.1	18.2	20.2	24.2	30	30

● 60Hz

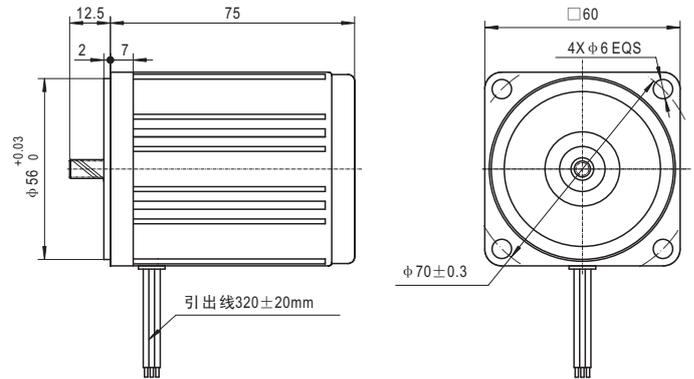
型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN60-□-4/ 60JB □ G0832	N.m	0.07	0.10	0.12	0.16	0.21	0.26	0.31	0.37	0.37	0.47	0.56	0.67	0.74	0.93	1.01	1.26	1.51	1.68	2.02
	kgfcm	0.7	1	1.2	1.6	2.1	2.6	3.1	3.7	3.7	4.7	5.6	6.7	7.4	9.3	10.1	12.6	15.1	16.8	20.2	25.2	30

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

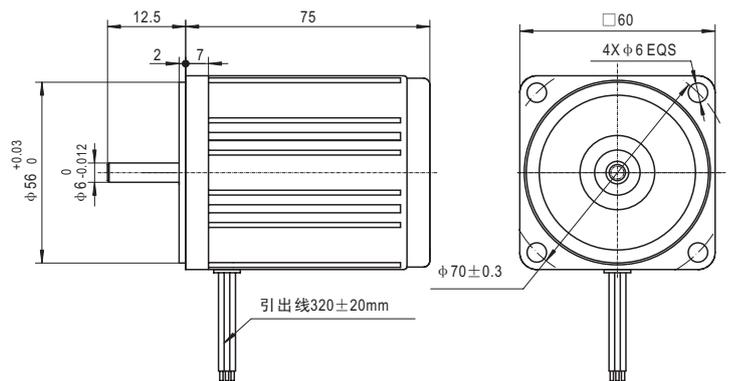
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

外形尺寸 | Dimensions

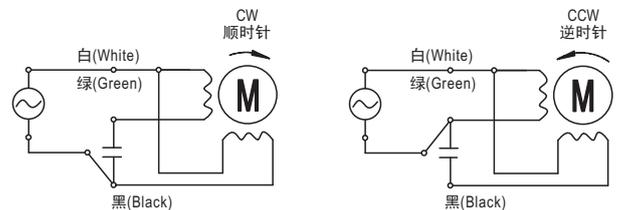
YN(Y)60-□-6



YN(Y)60-□-6G



接线图 | Connected Diagrams

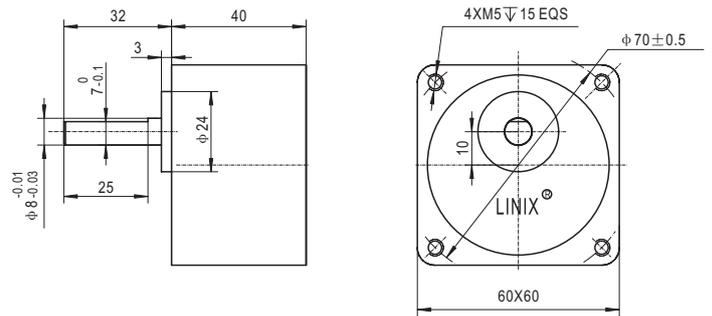


电机参数 | Specifications

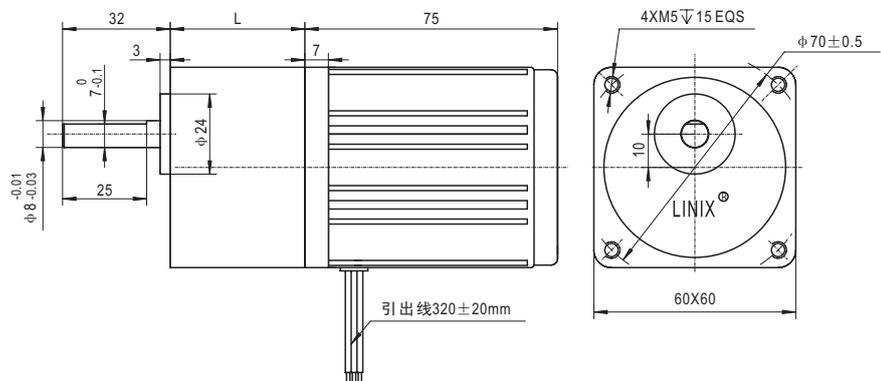
型号Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN60-115-6	YN60-115-6G	6	1ph 115	60	0.23	70	1550	40	0.8
YN60-220-6	YN60-220-6G		1ph 220	50	0.10	74	1300	44	3
YN60-230-6	YN60-230-6G		1ph 230	50	0.11	83	1300	44	3

外形尺寸 | Dimensions

60JB □ G0832



YN(Y)60-□-6/60JB □ G0832



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)60-□-6/ 60JB □ G0832	N.m	0.12	0.19	0.22	0.28	0.37	0.46	0.56	0.67	0.67	0.84	1.00	1.21	1.34	1.67	1.82	2.27	2.72	3.00	3.00
	kgfcm	1.2	1.9	2.2	2.8	3.7	4.6	5.6	6.7	6.7	8.4	10	12.1	13.4	16.7	18.2	22.7	27.2	30	30	30	30

● 60Hz

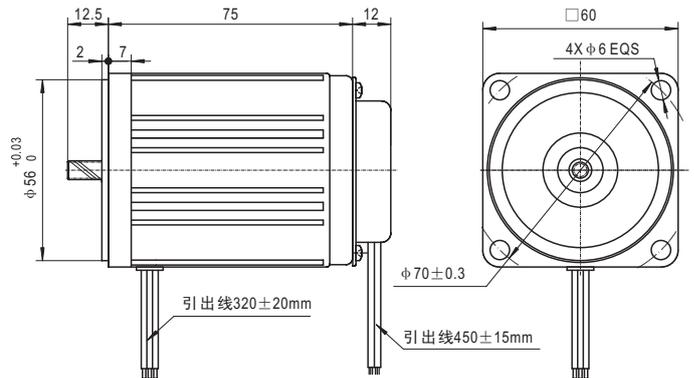
型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN60-□-6/ 60JB □ G0832	N.m	0.10	0.16	0.19	0.23	0.31	0.39	0.46	0.56	0.56	0.70	0.84	1.00	1.12	1.40	1.51	1.89	2.27	2.52	3.00
	kgfcm	1	1.6	1.9	2.3	3.1	3.9	4.6	5.6	5.6	7	8.4	10	11.2	14	15.1	18.9	22.7	25.2	30	30	30

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

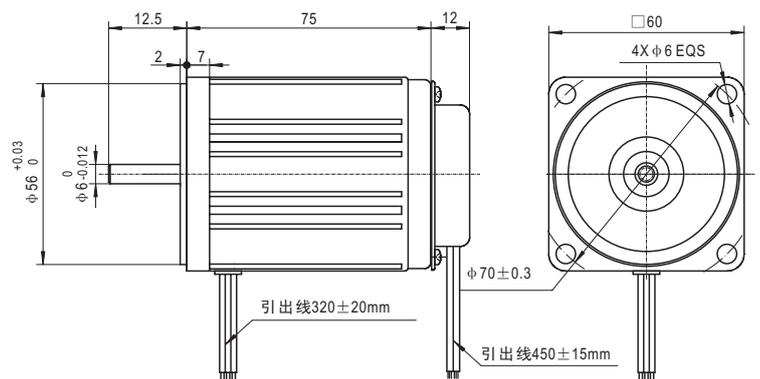
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

外形尺寸 | Dimensions

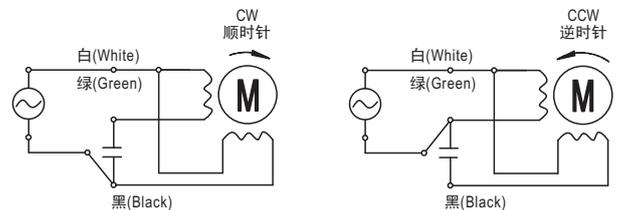
YN(Y)60-□-6C



YN(Y)60-□-6GC



接线图 | Connected Diagrams

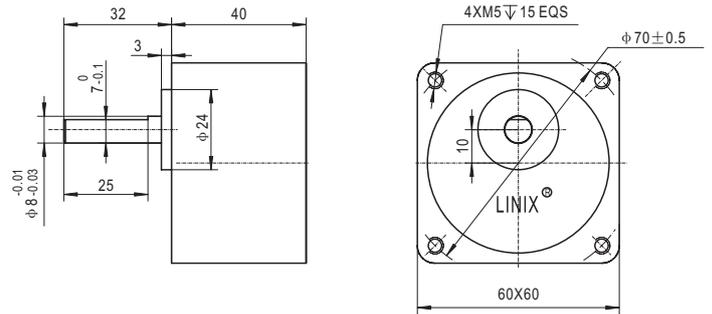


电机参数 | Specifications

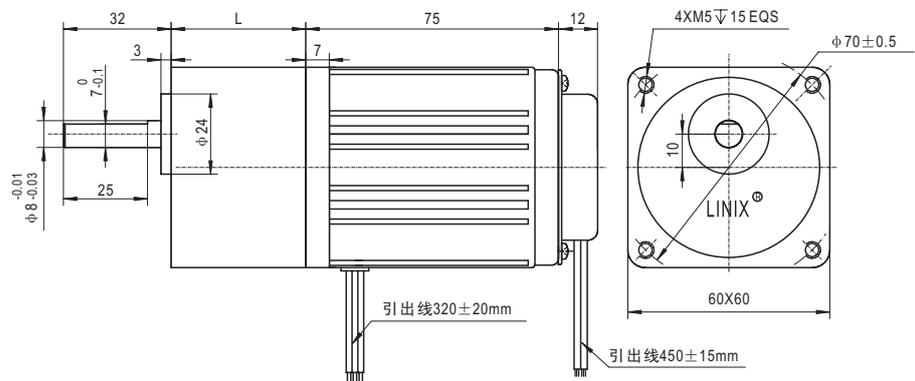
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN60-115-6C	YN60-115-6GC	6	1ph 115	60	0.23	70	1550	40	0.8
YN60-220-6C	YN60-220-6GC		1ph 220	50	0.10	74	1300	44	3
YN60-230-6C	YN60-230-6GC		1ph 230	50	0.11	83	1300	44	3

外形尺寸 | Dimensions

60JB □ G0832



YN(Y)60-□-6C/60JB □ G0832



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)60-□-6C/	N.m	0.12	0.19	0.22	0.28	0.37	0.46	0.56	0.67	0.67	0.84	1.00	1.21	1.34	1.67	1.82	2.27	2.72	3.00	3.00
60JB □ G0832	kgfcm	1.2	1.9	2.2	2.8	3.7	4.6	5.6	6.7	6.7	8.4	10	12.1	13.4	16.7	18.2	22.7	27.2	30	30	30	30

● 60Hz

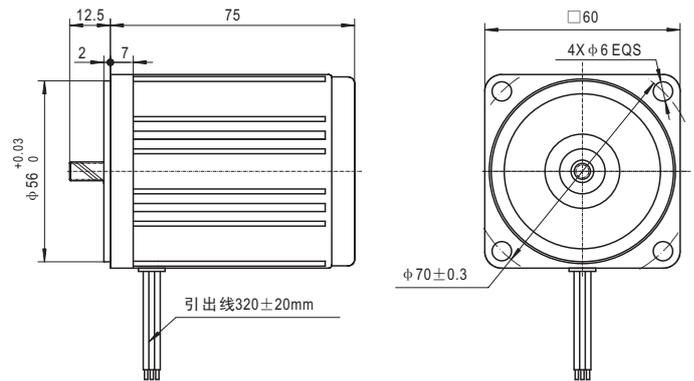
型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN60-□-6C/	N.m	0.10	0.16	0.19	0.23	0.31	0.39	0.46	0.56	0.56	0.70	0.84	1.00	1.12	1.40	1.51	1.89	2.27	2.52	3.00
60JB □ G0832	kgfcm	1	1.6	1.9	2.3	3.1	3.9	4.6	5.6	5.6	7	8.4	10	11.2	14	15.1	18.9	22.7	25.2	30	30	30

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

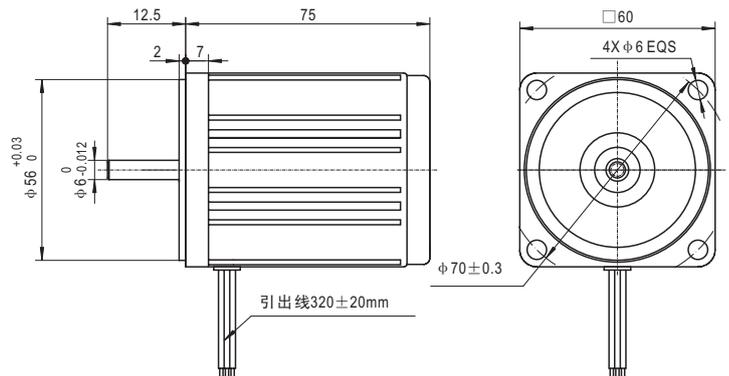
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

外形尺寸 | Dimensions

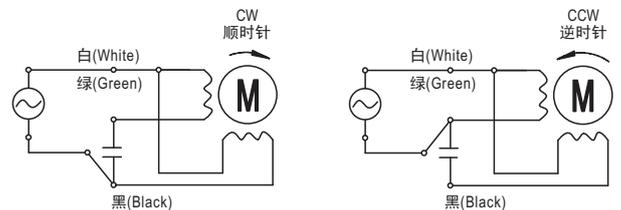
YN(Y)60-□-10



YN(Y)60-□-10G



接线图 | Connected Diagrams

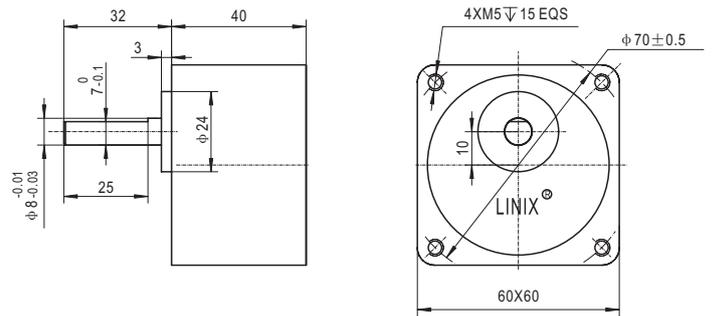


电机参数 | Specifications

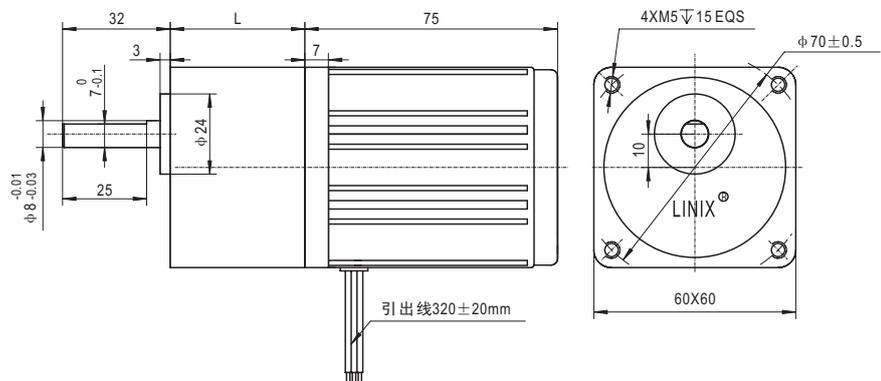
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN60-115-10	YN60-115-10G	10	1ph 115	60	0.30	100	1500	70	1
YN60-220-10	YN60-220-10G		1ph 220	50	0.15	100	1250	70	4
YN60-230-10	YN60-230-10G		1ph 230	50	0.16	110	1250	75	4

外形尺寸 | Dimensions

60JB □ G0832



YN(Y)60-□ -10/60JB □ G0832



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)60-□ -10/ 60JB □ G0832	N.m	0.21	0.31	0.37	0.46	0.62	0.77	0.93	1.11	1.12	1.39	1.67	2.01	2.23	2.79	3.00	3.00	3.00	3.00	3.00
	kgfcm	1.2	3.1	3.7	4.6	6.2	7.7	9.3	11.1	11.2	13.9	16.7	20.1	22.3	27.9	30	30	30	30	30	30	30

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN60-□ -10/ 60JB □ G0832	N.m	0.17	0.26	0.31	0.39	0.52	0.65	0.77	0.93	0.93	1.16	1.39	1.67	1.86	2.32	2.52	3.00	3.00	3.00	3.00
	kgfcm	1.7	26	3.1	3.9	5.2	6.5	7.7	9.3	9.3	11.6	13.9	16.7	18.4	23.2	25.2	30	30	30	30	30	30

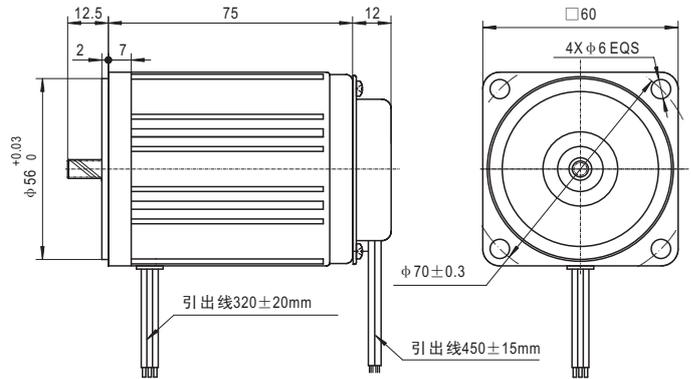
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

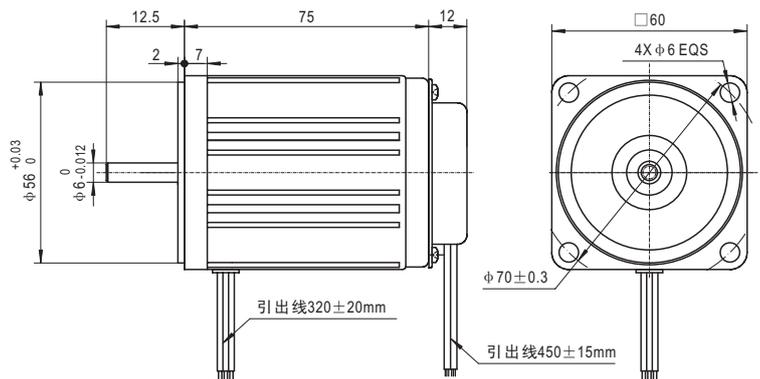
交流减速电机  
□ 60mm  
10W

外形尺寸 | Dimensions

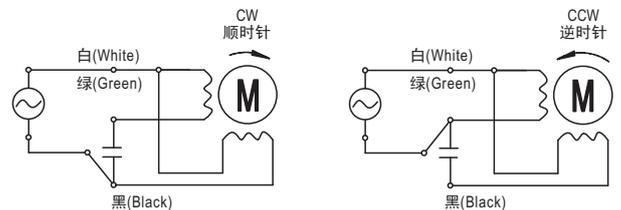
YN(Y)60-□-10C



YN(Y)60-□-10GC



接线图 | Connected Diagrams

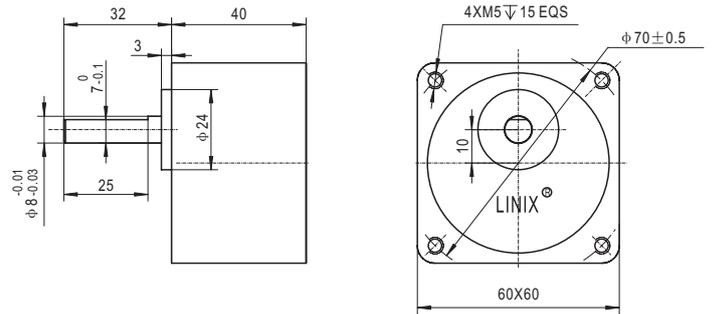


电机参数 | Specifications

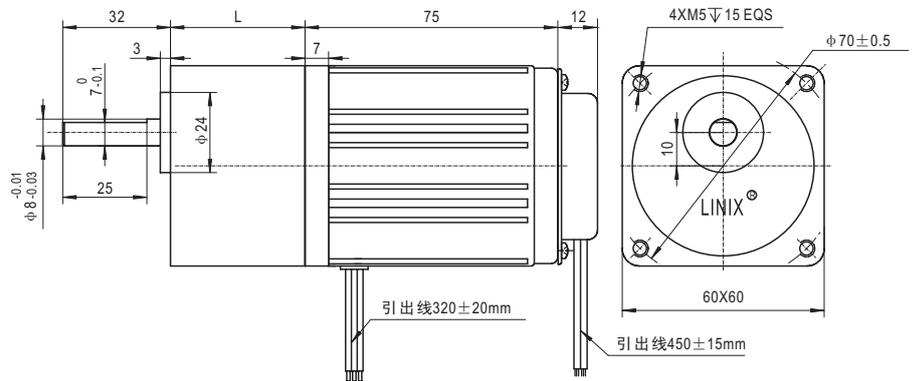
型号Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μF
齿轮轴型 Pinion	光轴型 Round Shaft								
YN60-115-10C	YN60-115-10GC	10	1ph 115	60	0.30	100	1500	70	1
YN60-220-10C	YN60-220-10GC		1ph 220	50	0.15	100	1250	70	4
YN60-230-10C	YN60-230-10GC		1ph 230	50	0.16	110	1250	75	4

外形尺寸 | Dimensions

60JB □ G0832



YN(Y)60-□-10C/60JB □ G0832



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed	
																								N.m
YN(Y)60-□-10C/		0.21	0.31	0.37	0.46	0.62	0.77	0.93	1.11	1.12	1.39	1.67	2.01	2.23	2.79	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	500
60JB □ G0832		1.2	3.1	3.7	4.6	6.2	7.7	9.3	11.1	11.2	13.9	16.7	20.1	22.3	27.9	30	30	30	30	30	30	30	30	300

● 60Hz

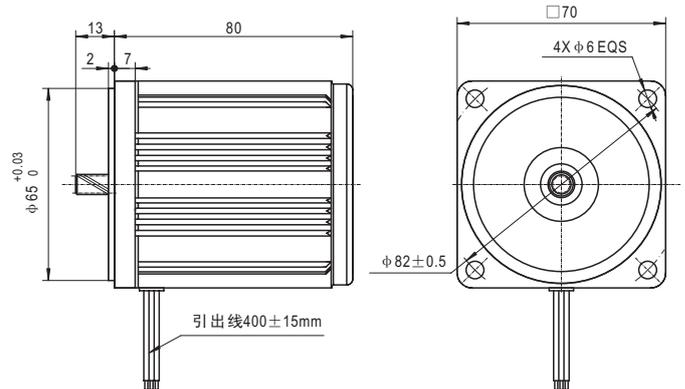
型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed	
																								N.m
YN60-□-10C/		0.17	0.26	0.31	0.39	0.52	0.65	0.77	0.93	0.93	1.16	1.39	1.67	1.86	2.32	2.52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	600
60JB □ G0832		1.7	26	3.1	3.9	5.2	6.5	7.7	9.3	9.3	11.6	13.9	16.7	18.4	23.2	25.2	30	30	30	30	30	30	30	600

● 表中转速是电动机的同步转速 (50Hz:1500r/mim;60Hz:1800r/mim) 除以减速比得到的数值, 在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同, 其他则为相反方向

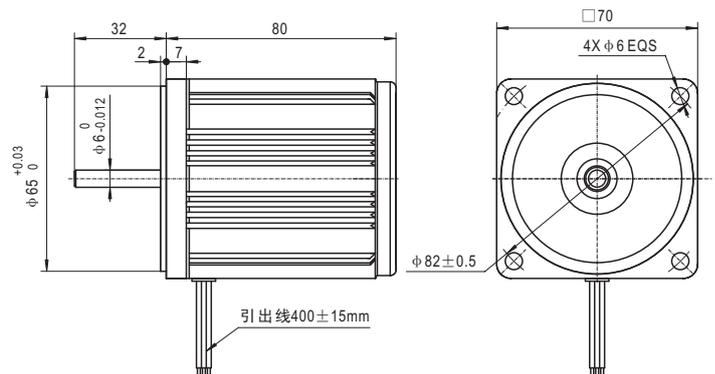
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

外形尺寸 | Dimensions

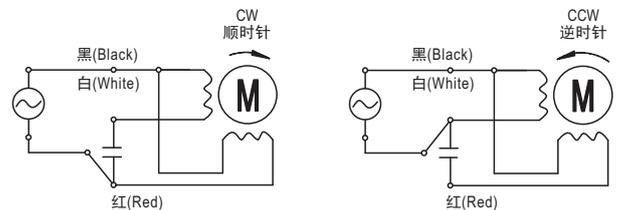
YN(Y)70-□-15



YN(Y)70-□-15G



接线图 | Connected Diagrams

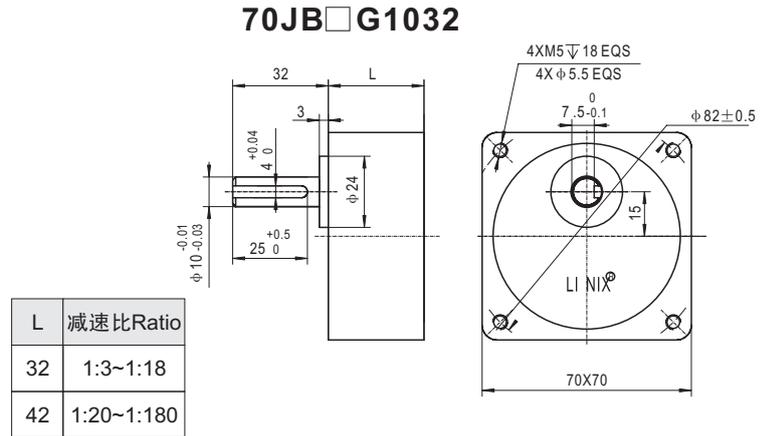


电机参数 | Specifications

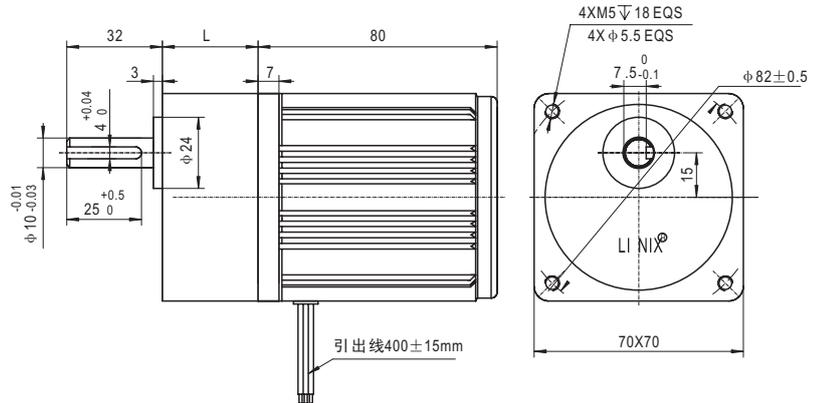
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-15	YN70-115-15G	15	1ph 115	60	0.36	145	1500	110	6
YN70-220-15	YN70-220-15G		1ph 220	50	0.17	130	1300	110	1.5
YN70-230-15	YN70-230-15G		1ph 230	50	0.18	140	1300	120	1.5
Y70-15	Y70-15G	15	3ph 380	50	0.14	165	1300	110	/
			3ph 220	50	0.24	165	1300	110	/

交流减速电机  
□ 70mm  
15W

外形尺寸 | Dimensions



**YN(Y)70-□-15/70JB □ G1032**



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-15/ 70JB □ G1032	N.m	0.31	0.47	0.56	0.70	0.93	1.16	1.39	1.67	1.67	2.09	2.51	3.01	3.35	4.18	4.54	5.00	5.00	5.00	5.00
	kgfcm	3.1	4.7	5.6	7	9.3	11.6	13.9	16.7	16.7	20.9	25.1	30.1	33.5	41.8	45.4	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-15/ 70JB □ G1032	N.m	0.26	0.39	0.47	0.58	0.77	0.97	1.16	1.39	1.39	1.74	2.09	2.51	2.79	3.49	3.78	4.73	5.00	5.00	5.00
	kgfcm	2.6	3.9	4.7	5.8	7.7	9.7	11.6	13.9	13.9	17.4	20.9	25.1	27.9	34.9	37.8	47.3	50	50	50	50	50

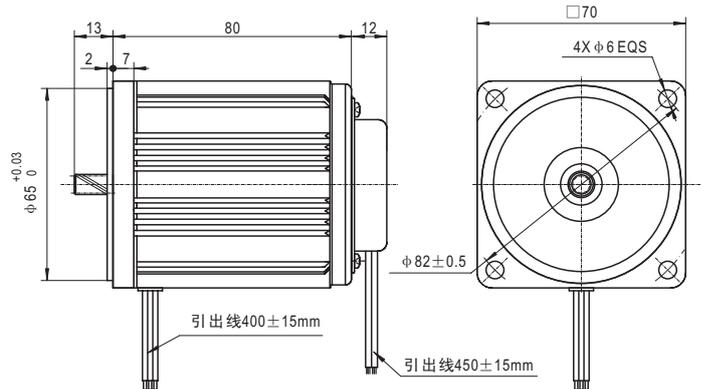
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

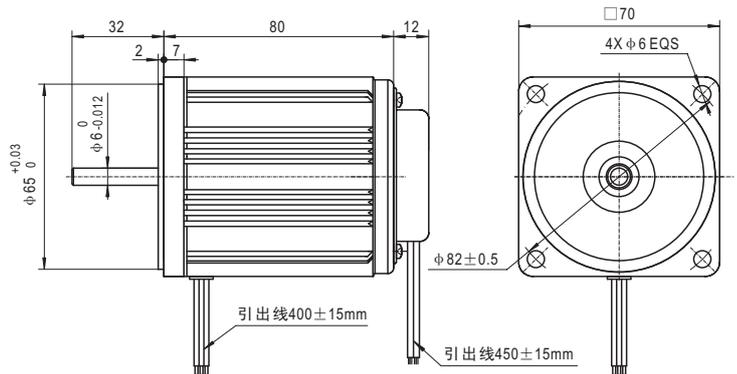
交流减速电机  
□ 70mm  
15W

外形尺寸 | Dimensions

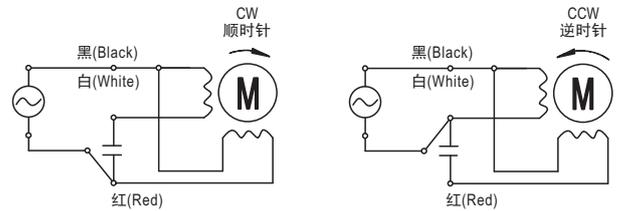
YN(Y)70-□-15C



YN(Y)70-□-15GC



接线图 | Connected Diagrams

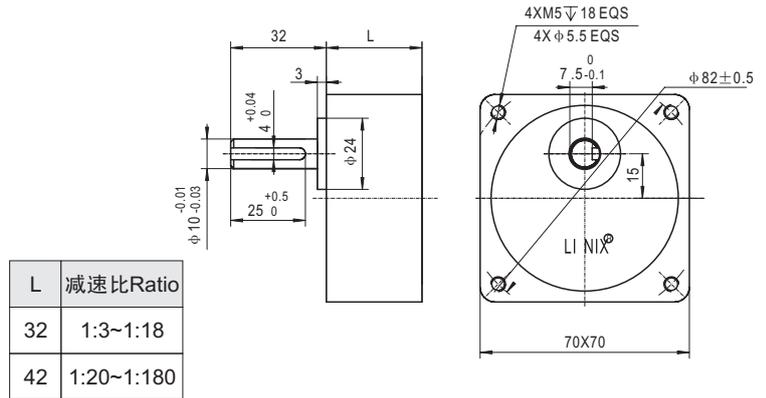


电机参数 | Specifications

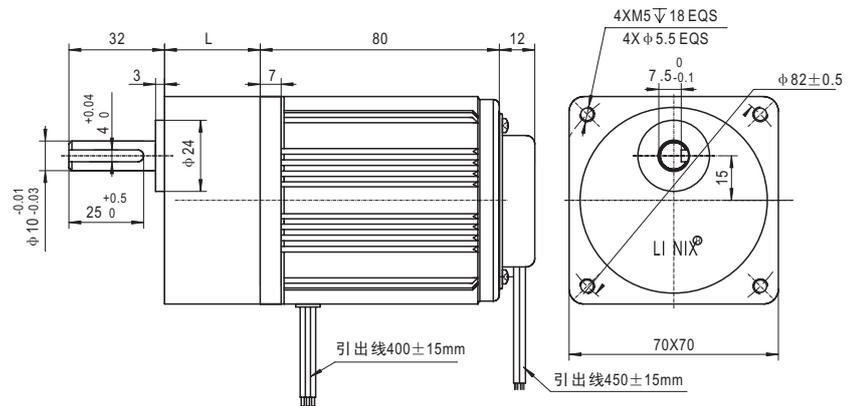
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-15C	YN70-115-15GC	15	1ph 115	60	0.36	145	1500	110	6
YN70-220-15C	YN70-220-15GC		1ph 220	50	0.17	130	1300	110	1.5
YN70-230-15C	YN70-230-15GC		1ph 230	50	0.18	140	1300	120	1.5
Y70-15C	Y70-15GC	15	3ph 380	50	0.14	165	1300	110	/
			3ph 220	50	0.24	165	1300	110	/

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-15C/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-15C/ 70JB □ G1032	N.m	0.31	0.47	0.56	0.70	0.93	1.16	1.39	1.67	1.67	2.09	2.51	3.01	3.35	4.18	4.54	5.00	5.00	5.00	5.00
	kgfcm	3.1	4.7	5.6	7	9.3	11.6	13.9	16.7	16.7	20.9	25.1	30.1	33.5	41.8	45.4	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-15C/ 70JB □ G1032	N.m	0.26	0.39	0.47	0.58	0.77	0.97	1.16	1.39	1.39	1.74	2.09	2.51	2.79	3.49	3.78	4.73	5.00	5.00	5.00
	kgfcm	2.6	3.9	4.7	5.8	7.7	9.7	11.6	13.9	13.9	17.4	20.9	25.1	27.9	34.9	37.8	47.3	50	50	50	50	50

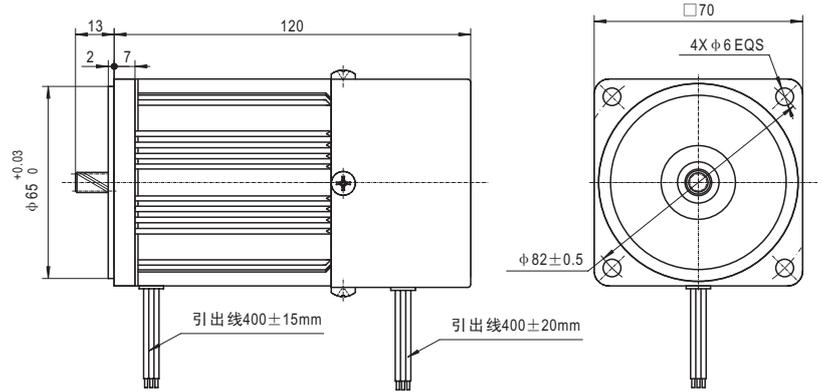
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

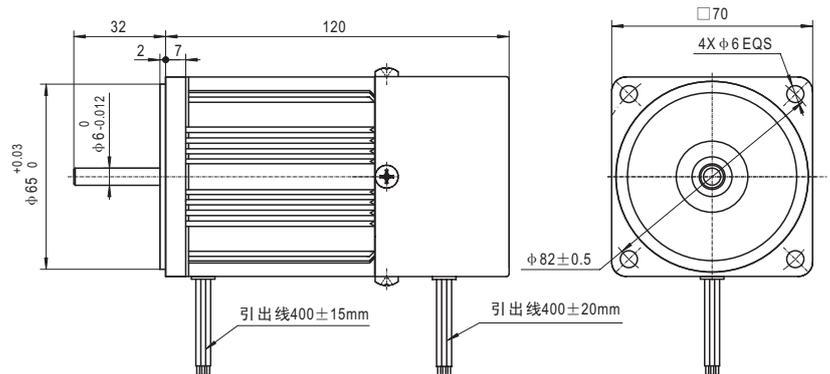
交流减速电机  
□ 70mm  
15W

外形尺寸 | Dimensions

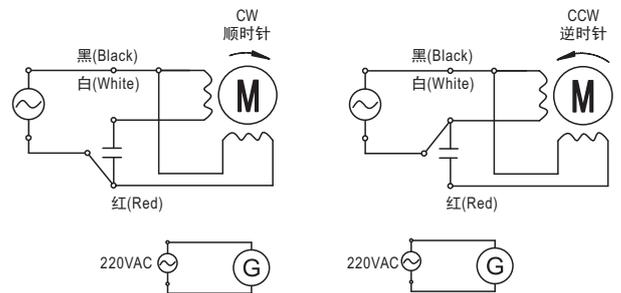
YN(Y)70-□-15D



YN(Y)70-□-15GD



接线图 | Connected Diagrams

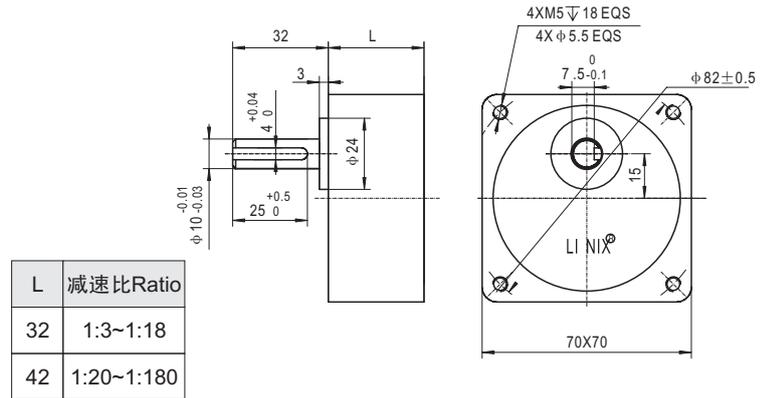


电机参数 | Specifications

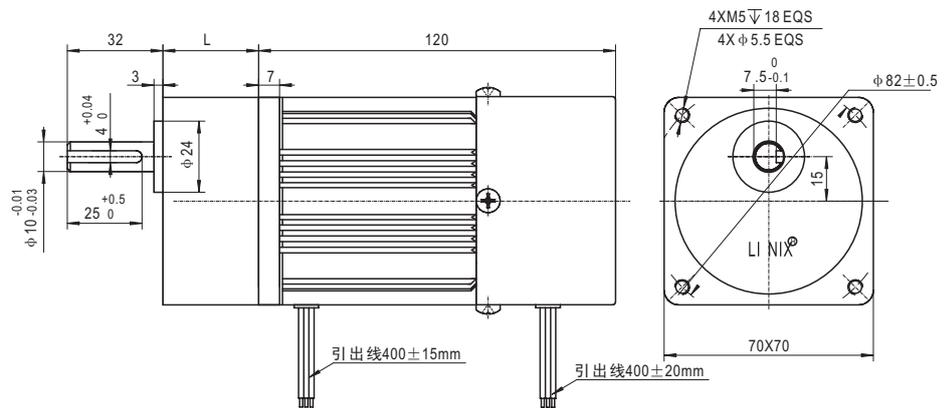
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-15D	YN70-115-15GD	15	1ph 115	60	0.36	145	1500	110	6
YN70-220-15D	YN70-220-15GD		1ph 220	50	0.17	130	1300	110	1.5
YN70-230-15D	YN70-230-15GD		1ph 230	50	0.18	140	1300	120	1.5
Y70-15D	Y70-15GD	15	3ph 380	50	0.14	165	1300	110	/
			3ph 220	50	0.24	165	1300	110	/

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-15D/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-15D/	N.m	0.31	0.47	0.56	0.70	0.93	1.16	1.39	1.67	1.67	2.09	2.51	3.01	3.35	4.18	4.54	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	3.1	4.7	5.6	7	9.3	11.6	13.9	16.7	16.7	20.9	25.1	30.1	33.5	41.8	45.4	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN70-□-15D/	N.m	0.26	0.39	0.47	0.58	0.77	0.97	1.16	1.39	1.39	1.74	2.09	2.51	2.79	3.49	3.78	4.73	5.00	5.00	5.00
70JB □ G1032	kgfcm	2.6	3.9	4.7	5.8	7.7	9.7	11.6	13.9	13.9	17.4	20.9	25.1	27.9	34.9	37.8	47.3	50	50	50	50	50

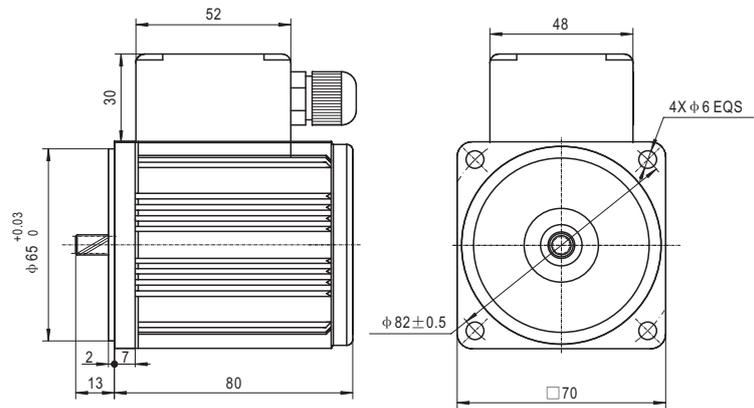
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

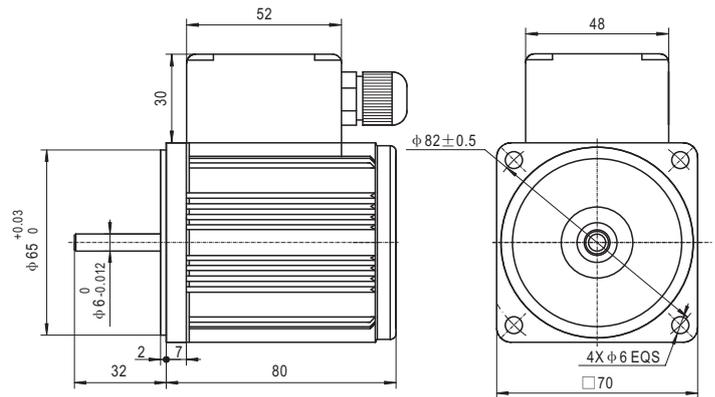
交流减速电机  
□ 70mm  
15W

外形尺寸 | Dimensions

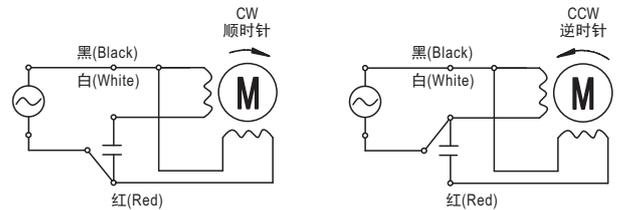
YN(Y)70-□-15



YN(Y)70-□-15G



接线图 | Connected Diagrams

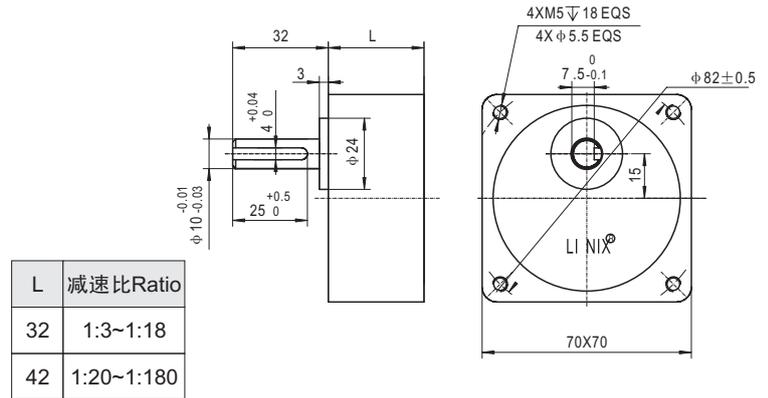


电机参数 | Specifications

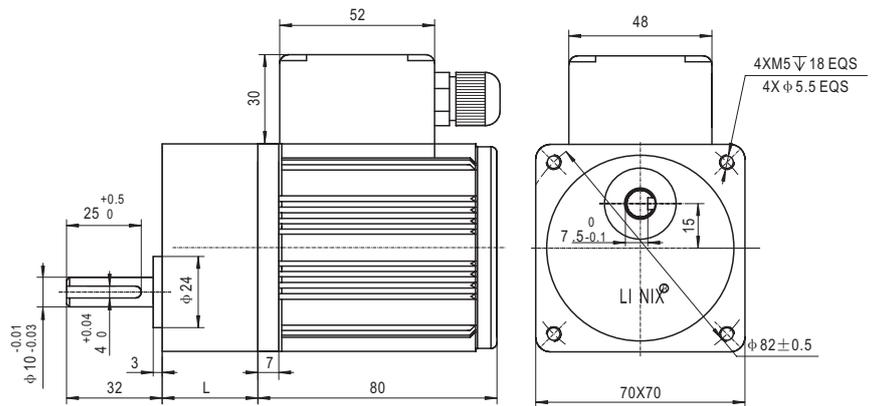
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μ F
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-15	YN70-115-15G	15	1ph 115	60	0.36	145	1500	110	6
YN70-220-15	YN70-220-15G		1ph 220	50	0.17	130	1300	110	1.5
YN70-230-15	YN70-230-15G		1ph 230	50	0.18	140	1300	120	1.5
Y70-15	Y70-15G	15	3ph 380	50	0.14	165	1300	110	/
			3ph 220	50	0.24	165	1300	110	/

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-15J/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-15J/	N.m	0.31	0.47	0.56	0.70	0.93	1.16	1.39	1.67	1.67	2.09	2.51	3.01	3.35	4.18	4.54	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	3.1	4.7	5.6	7	9.3	11.6	13.9	16.7	16.7	20.9	25.1	30.1	33.5	41.8	45.4	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-15J/	N.m	0.26	0.39	0.47	0.58	0.77	0.97	1.16	1.39	1.39	1.74	2.09	2.51	2.79	3.49	3.78	4.73	5.00	5.00	5.00
70JB □ G1032	kgfcm	2.6	3.9	4.7	5.8	7.7	9.7	11.6	13.9	13.9	17.4	20.9	25.1	27.9	34.9	37.8	47.3	50	50	50	50	50

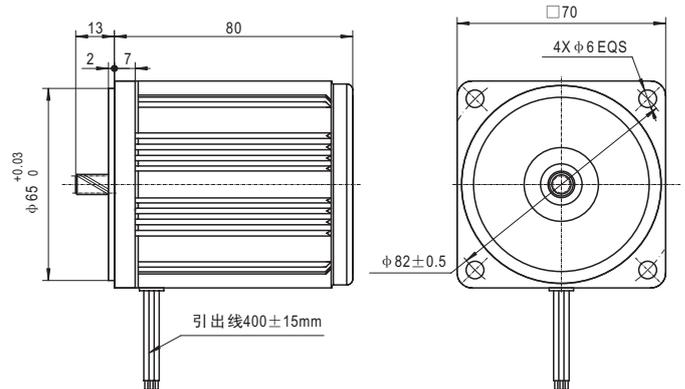
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

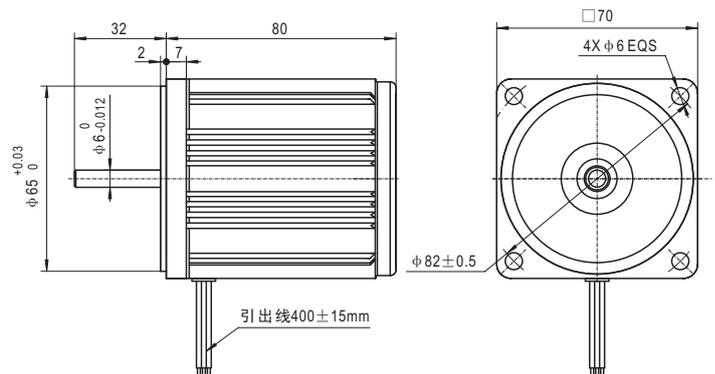
交流减速电机  
□ 70mm  
20W

外形尺寸 | Dimensions

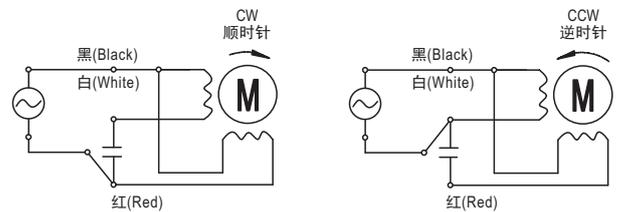
YN(Y)70-□-20



YN(Y)70-□-20G



接线图 | Connected Diagrams

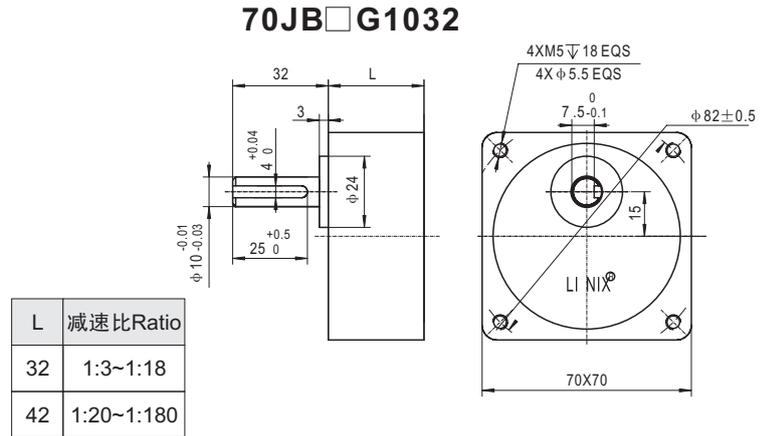


电机参数 | Specifications

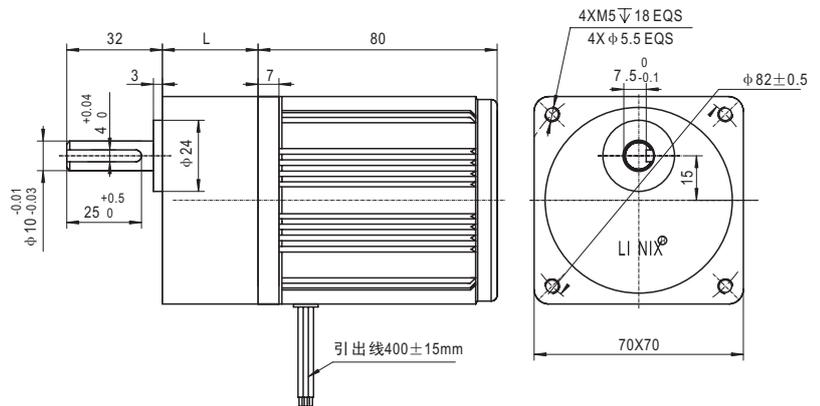
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动转矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-20	YN70-115-20G	20	1ph 115	60	0.42	180	1500	150	7
YN70-220-20	YN70-220-20G		1ph 220	50	0.22	170	1250	150	1.8
YN70-230-20	YN70-230-20G		1ph 230	50	0.23	170	1250	160	1.8
Y70-20	Y70-20G	20	3ph 380	50	0.16	230	1300	150	/
			3ph 220	50	0.27	230	1300	150	/

交流减速电机  
□ 70mm  
20W

外形尺寸 | Dimensions



**YN(Y)70-□-20/70JB □ G1032**



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed	
																							500	300
YN(Y)70-□-20/	N.m	0.41	0.62	0.74	0.93	1.24	1.55	1.86	2.23	2.23	2.79	3.35	4.02	4.46	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	4.1	6.2	7.4	9.3	12.4	15.5	18.6	22.3	22.3	27.9	33.5	40.2	44.6	50	50	50	50	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed	
																							500	300
YN(Y)70-□-20/	N.m	0.34	0.52	0.62	0.77	1.03	1.29	1.55	1.86	1.86	2.32	2.79	3.35	3.72	4.65	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	3.4	5.2	6.2	7.7	10.3	12.9	15.5	18.6	18.6	23.2	27.9	33.5	37.2	46.5	50	50	50	50	50	50	50	50	50

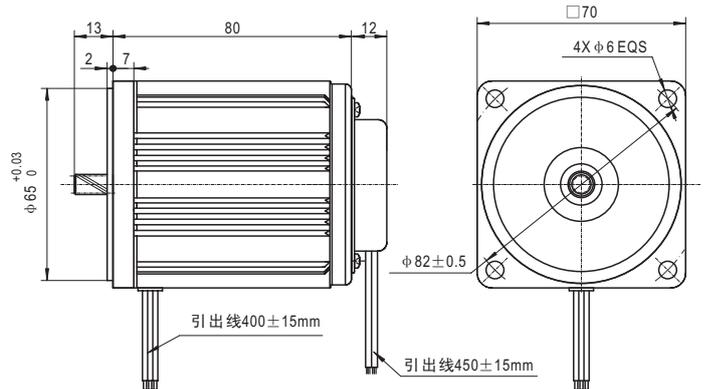
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

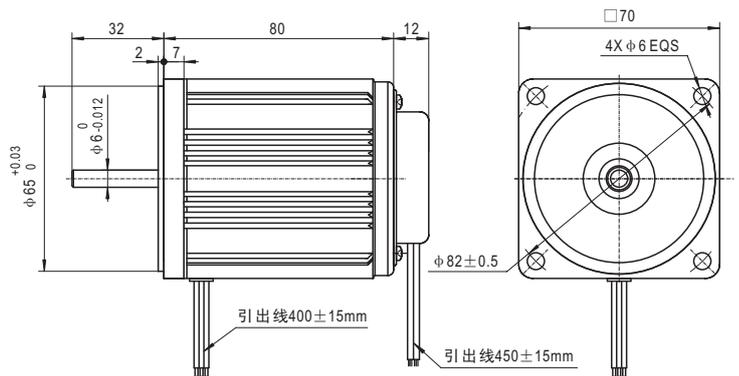
交流减速电机  
□ 70mm  
20W

外形尺寸 | Dimensions

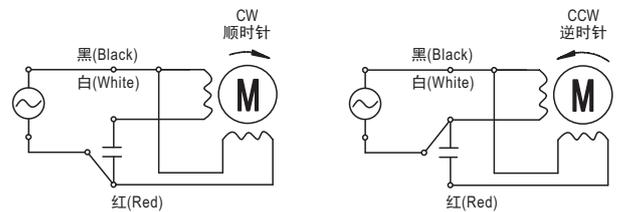
YN(Y)70-□-20C



YN(Y)70-□-20GC



接线图 | Connected Diagrams



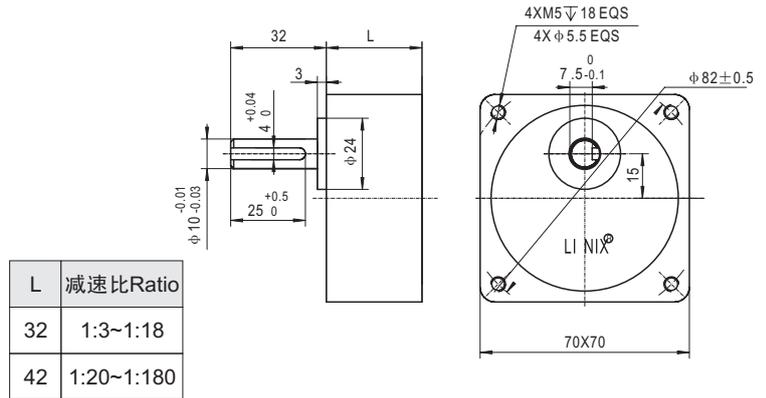
电机参数 | Specifications

型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-20C	YN70-115-20GC	20	1ph 115	60	0.42	180	1500	150	7
YN70-220-20C	YN70-220-20GC		1ph 220	50	0.22	170	1250	150	1.8
YN70-230-20C	YN70-230-20GC		1ph 230	50	0.23	170	1250	160	1.8
Y70-20C	Y70-20GC	20	3ph 380	50	0.16	230	1300	150	/
			3ph 220	50	0.27	230	1300	150	/

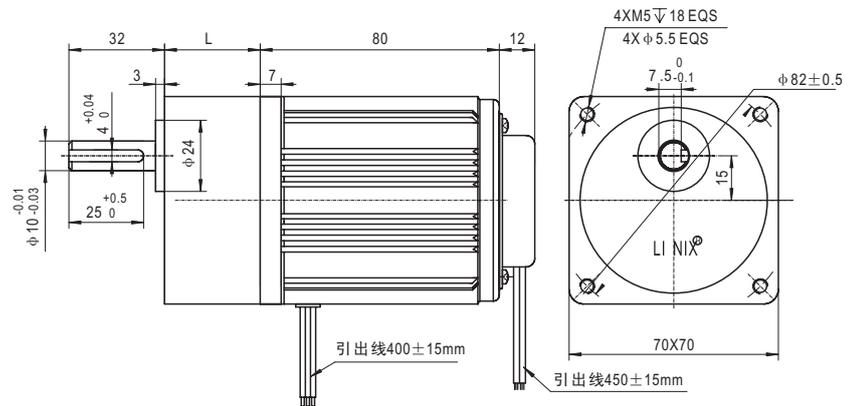
交流减速电机  
□ 70mm  
20W

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-20C/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-20C/ 70JB □ G1032	N.m	0.41	0.62	0.74	0.93	1.24	1.55	1.86	2.23	2.23	2.79	3.35	4.02	4.46	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	4.1	6.2	7.4	9.3	12.4	15.5	18.6	22.3	22.3	27.9	33.5	40.2	44.6	50	50	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-20C/ 70JB □ G1032	N.m	0.34	0.52	0.62	0.77	1.03	1.29	1.55	1.86	1.86	2.32	2.79	3.35	3.72	4.65	5.00	5.00	5.00	5.00	5.00
	kgfcm	3.4	5.2	6.2	7.7	10.3	12.9	15.5	18.6	18.6	23.2	27.9	33.5	37.2	46.5	50	50	50	50	50	50	50

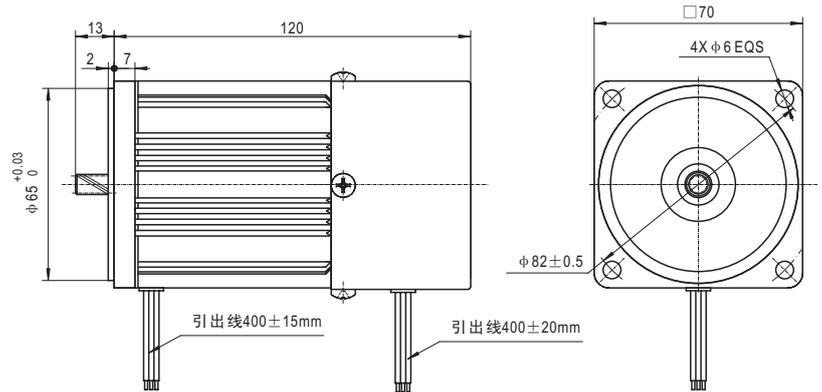
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

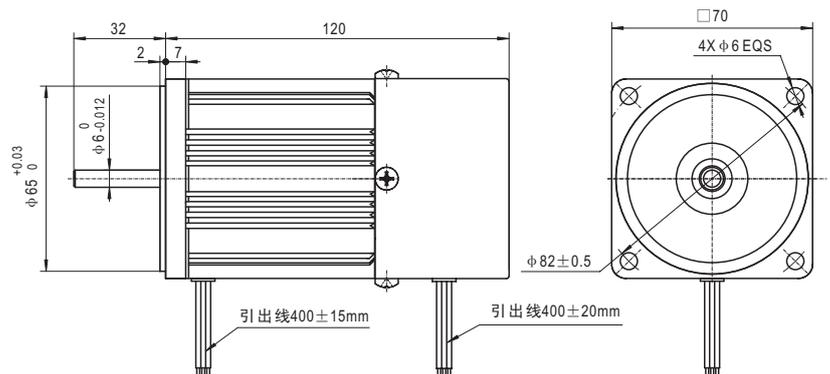
交流减速电机  
□ 70mm  
20W

外形尺寸 | Dimensions

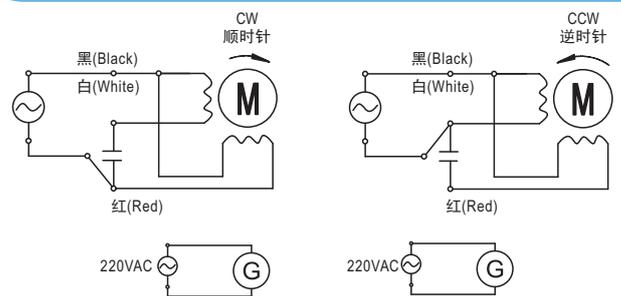
YN(Y)70-□-20D



YN(Y)70-□-20GD



接线图 | Connected Diagrams

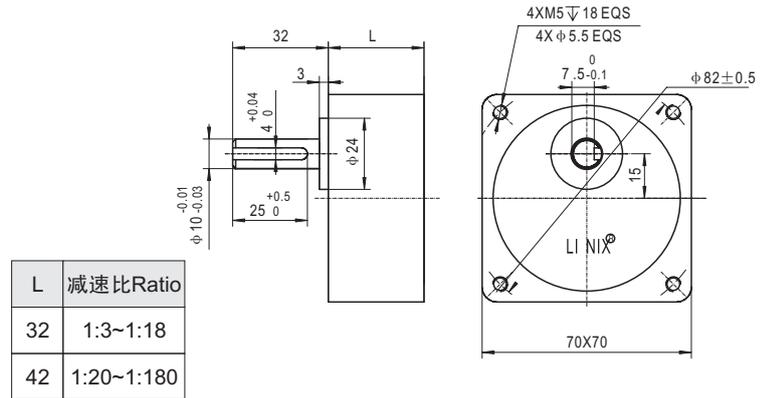


电机参数 | Specifications

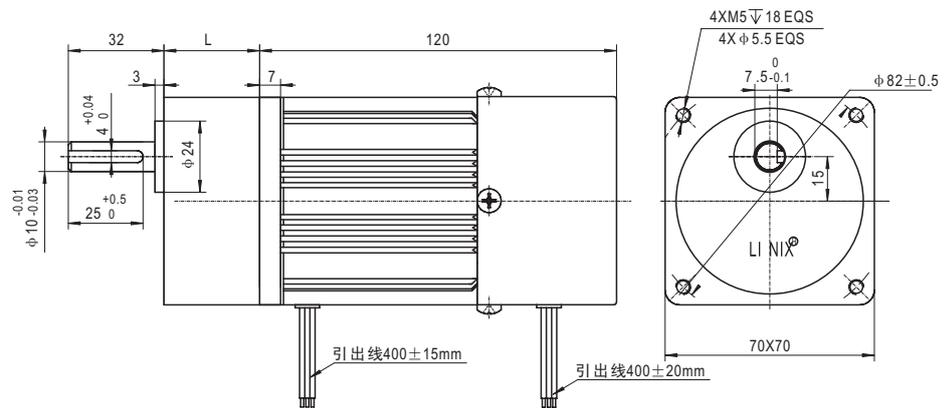
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-20D	YN70-115-20GD	20	1ph 115	60	0.42	180	1500	150	7
YN70-220-20D	YN70-220-20GD		1ph 220	50	0.22	170	1250	150	1.8
YN70-230-20D	YN70-230-20GD		1ph 230	50	0.23	170	1250	160	1.8
Y70-20D	Y70-20GD	20	3ph 380	50	0.16	230	1300	150	/
			3ph 220	50	0.27	230	1300	150	/

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-20D/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-20D/ 70JB □ G1032	N.m	0.41	0.62	0.74	0.93	1.24	1.55	1.86	2.23	2.23	2.79	3.35	4.02	4.46	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	4.1	6.2	7.4	9.3	12.4	15.5	18.6	22.3	22.3	27.9	33.5	40.2	44.6	50	50	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-20D/ 70JB □ G1032	N.m	0.34	0.52	0.62	0.77	1.03	1.29	1.55	1.86	1.86	2.32	2.79	3.35	3.72	4.65	5.00	5.00	5.00	5.00	5.00
	kgfcm	3.4	5.2	6.2	7.7	10.3	12.9	15.5	18.6	18.6	23.2	27.9	33.5	37.2	46.5	50	50	50	50	50	50	50

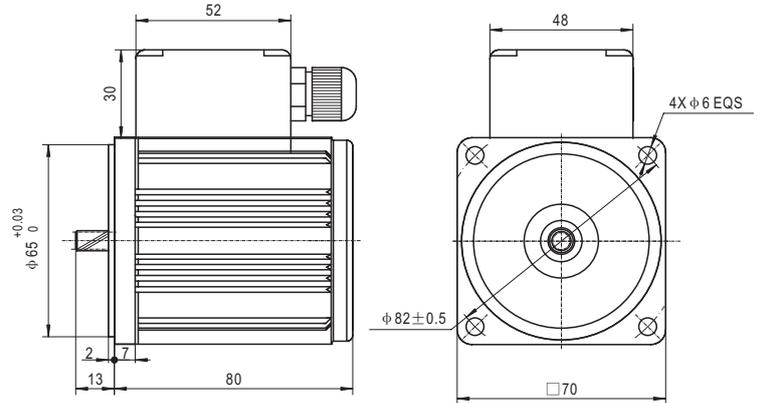
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

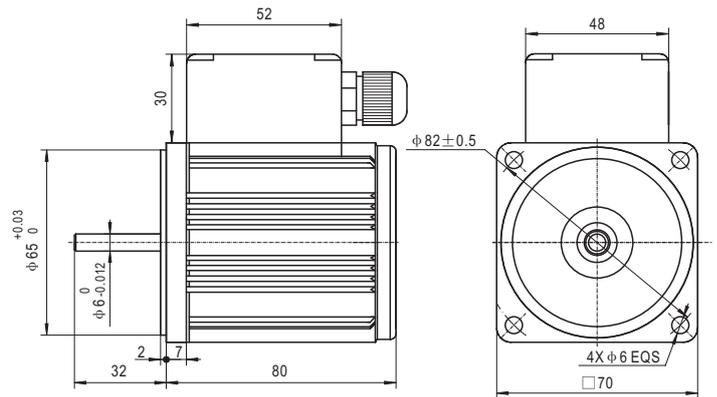
交流减速电机  
□ 70mm  
20W

外形尺寸 | Dimensions

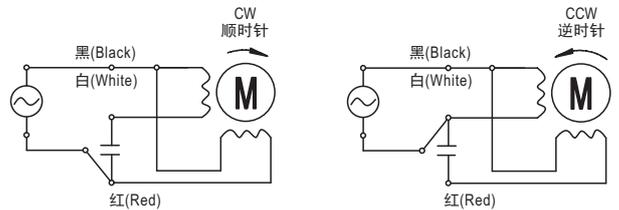
YN(Y)70-□-20J



YN(Y)70-□-20GJ



接线图 | Connected Diagrams



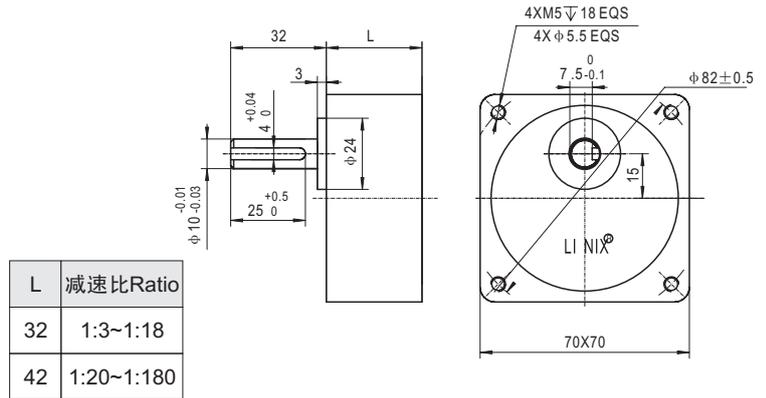
电机参数 | Specifications

型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μ F
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-20J	YN70-115-20GJ	20	1ph 115	60	0.42	180	1500	150	7
YN70-220-20J	YN70-220-20GJ		1ph 220	50	0.22	170	1250	150	1.8
YN70-230-20J	YN70-230-20GJ		1ph 230	50	0.23	170	1250	160	1.8
Y70-20J	Y70-20GJ	20	3ph 380	50	0.16	230	1300	150	/
			3ph 220	50	0.27	230	1300	150	/

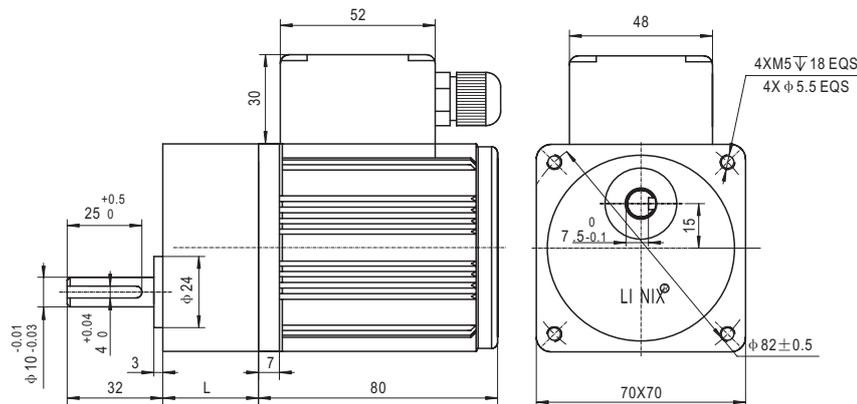
交流减速电机  
□ 70mm  
20W

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-20J/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed
																							500
YN(Y)70-□-20J/	N.m	0.41	0.62	0.74	0.93	1.24	1.55	1.86	2.23	2.23	2.79	3.35	4.02	4.46	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	4.1	6.2	7.4	9.3	12.4	15.5	18.6	22.3	22.3	27.9	33.5	40.2	44.6	50	50	50	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed
																							500
YN(Y)70-□-20J/	N.m	0.34	0.52	0.62	0.77	1.03	1.29	1.55	1.86	1.86	2.32	2.79	3.35	3.72	4.65	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	3.4	5.2	6.2	7.7	10.3	12.9	15.5	18.6	18.6	23.2	27.9	33.5	37.2	46.5	50	50	50	50	50	50	50	50

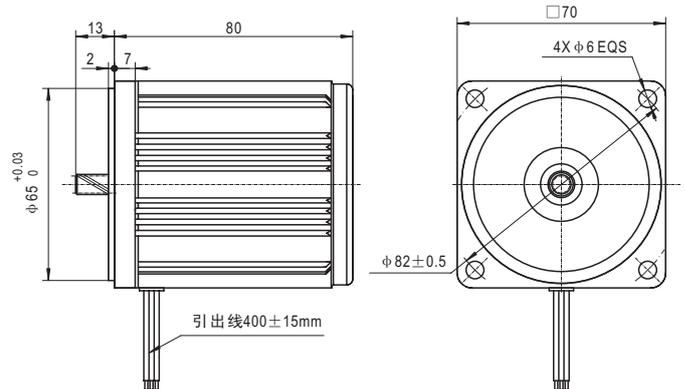
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

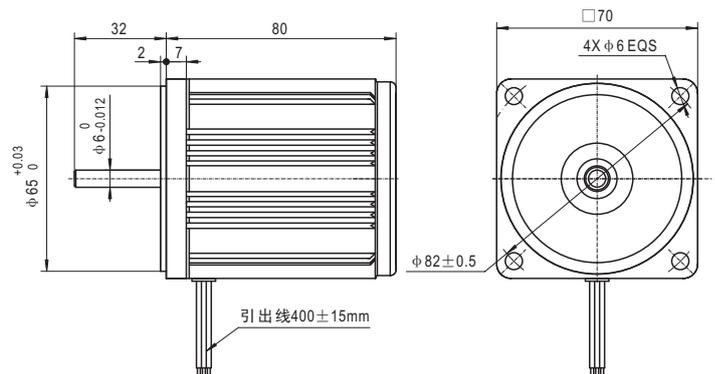
交流减速电机  
□ 70mm  
25W

外形尺寸 | Dimensions

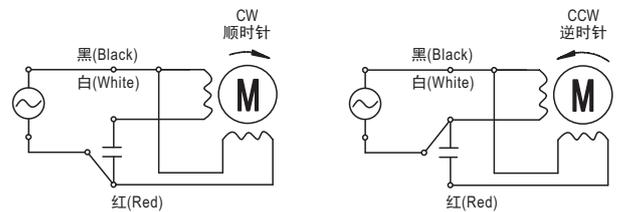
YN(Y)70-□-25



YN(Y)70-□-25G



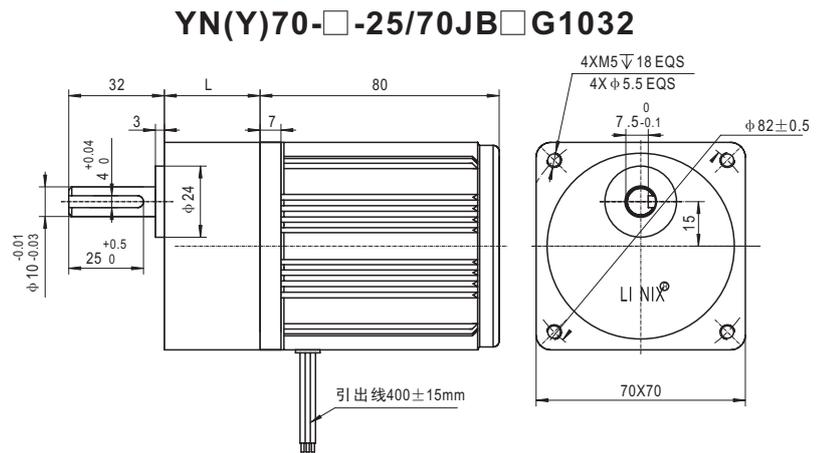
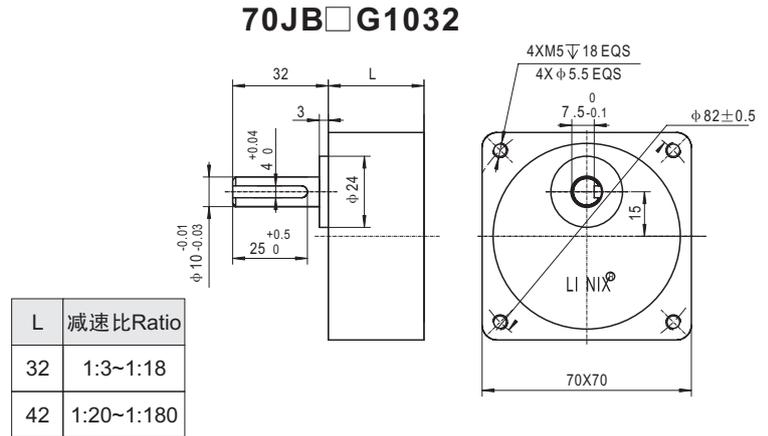
接线图 | Connected Diagrams



电机参数 | Specifications

型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-25	YN70-115-25G	25	1ph 115	60	0.15	160	1500	180	8
YN70-220-25	YN70-220-25G		1ph 220	50	0.27	160	1250	190	2
YN70-230-25	YN70-230-25G		1ph 230	50	0.28	170	1250	200	2
Y70-25	Y70-25G	25	3ph 380	50	0.13	270	1300	180	/
			3ph 220	50	0.22	270	1300	180	/

外形尺寸 | Dimensions



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25/ 70JB □ G1032	N.m	0.52	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	5.2	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50	50	50	50	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25/ 70JB □ G1032	N.m	0.43	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	4.3	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	50	50	50	50	50	50	50	50

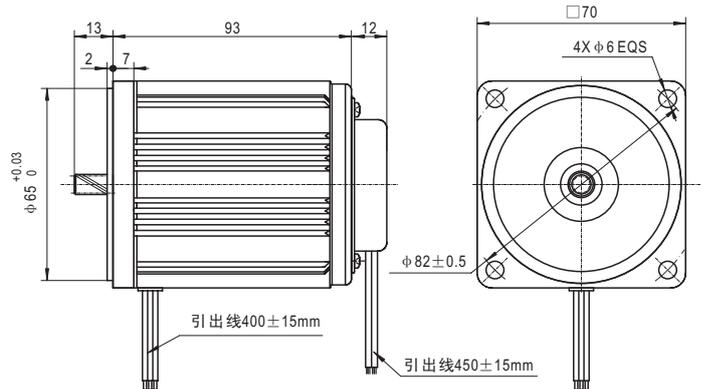
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

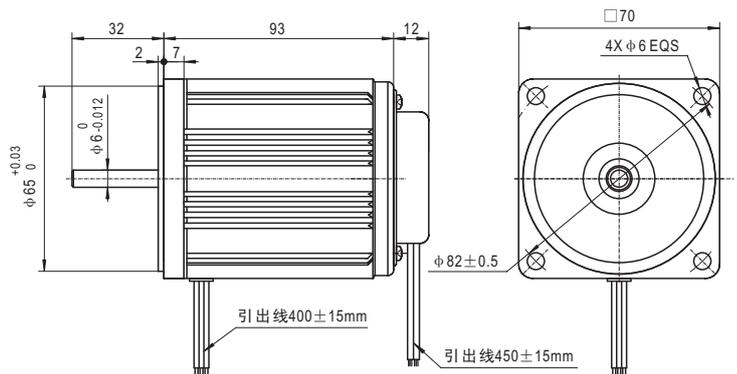
交流减速电机  
□ 70mm  
25W

外形尺寸 | Dimensions

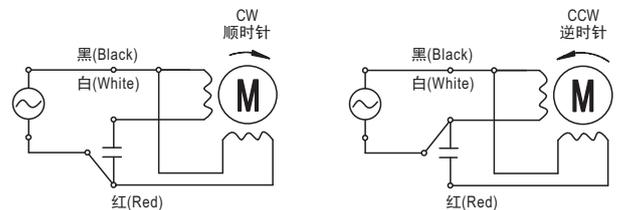
YN(Y)70-□-25C



YN(Y)70-□-25GC



接线图 | Connected Diagrams

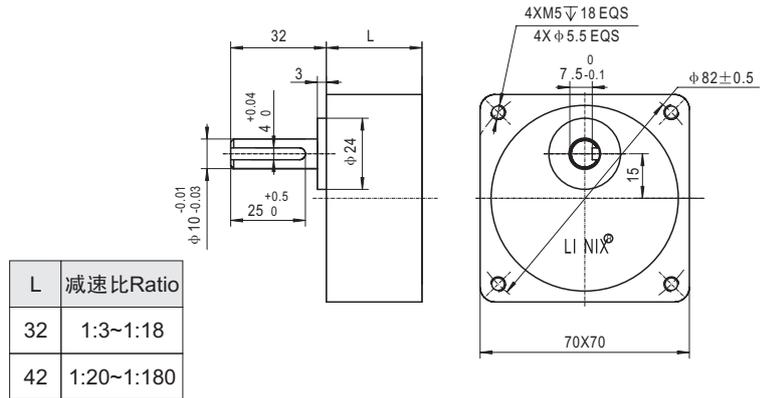


电机参数 | Specifications

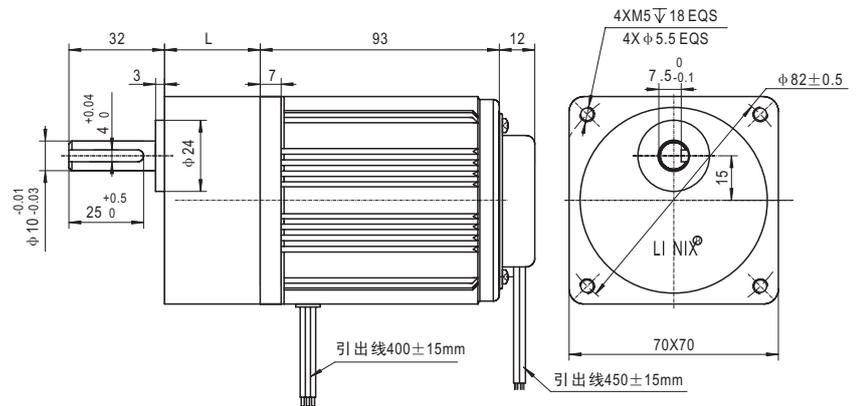
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-25C	YN70-115-25GC	25	1ph 115	60	0.15	160	1500	180	8
YN70-220-25C	YN70-220-25GC		1ph 220	50	0.27	160	1250	190	2
YN70-230-25C	YN70-230-25GC		1ph 230	50	0.28	170	1250	200	2
Y70-25C	Y70-25GC	25	3ph 380	50	0.13	270	1300	180	/
			3ph 220	50	0.22	270	1300	180	/

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-25/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25C/ 70JB □ G1032	N.m	0.52	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	5.2	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50	50	50	50	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25C/ 70JB □ G1032	N.m	0.43	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	4.3	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	50	50	50	50	50	50	50	50

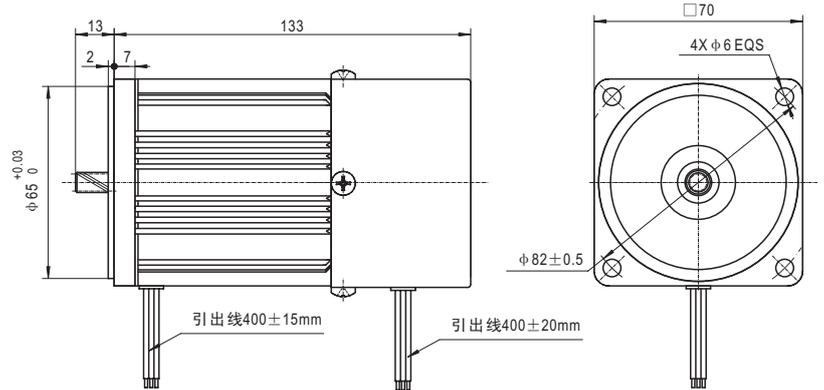
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

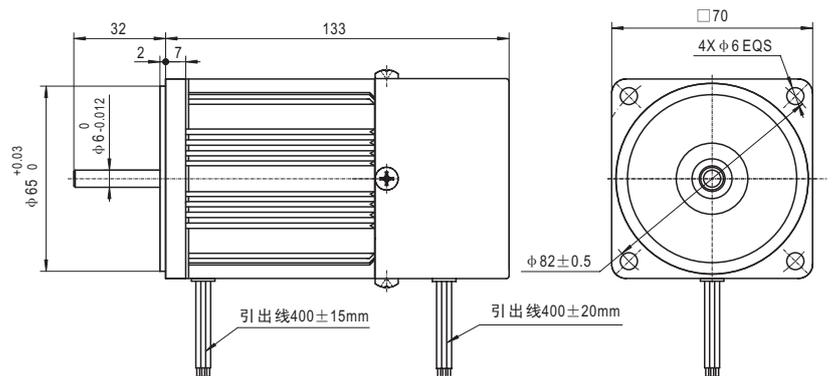
交流减速电机  
□ 70mm  
25W

外形尺寸 | Dimensions

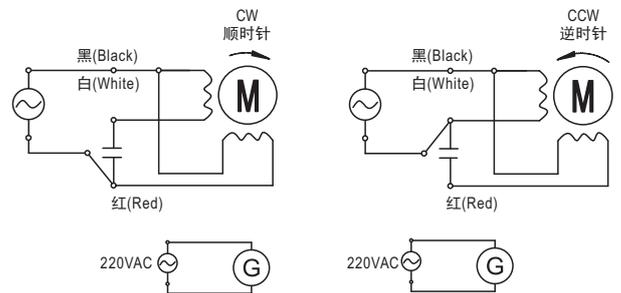
YN(Y)70-□-25D



YN(Y)70-□-25GD



接线图 | Connected Diagrams

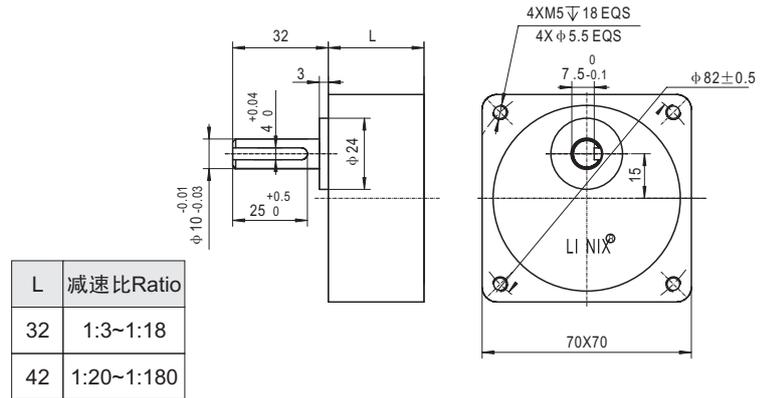


电机参数 | Specifications

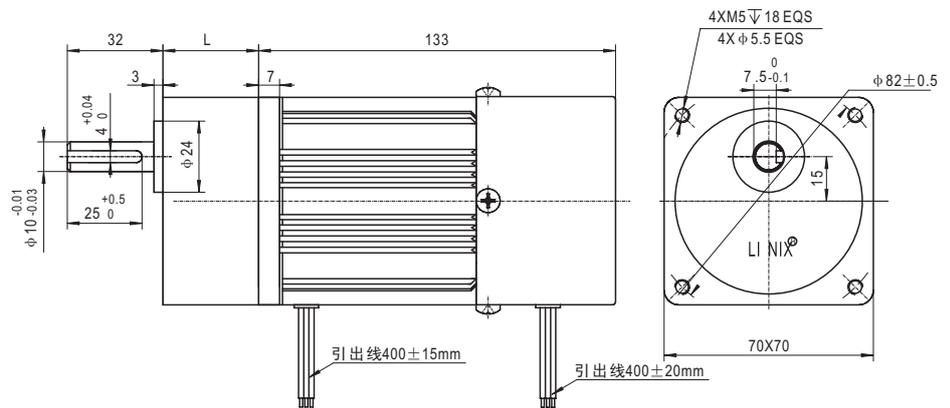
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-25D	YN70-115-25GD	25	1ph 115	60	0.15	160	1500	180	8
YN70-220-25D	YN70-220-25GD		1ph 220	50	0.27	160	1250	190	2
YN70-230-25D	YN70-230-25GD		1ph 230	50	0.28	170	1250	200	2
Y70-25D	Y70-25GD	25	3ph 380	50	0.13	270	1300	180	/
			3ph 220	50	0.22	270	1300	180	/

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-25D/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25D/ 70JB □ G1032	N.m	0.52	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	5.2	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50	50	50	50	50	50	50	50	50	50

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25D/ 70JB □ G1032	N.m	0.43	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.00	5.00	5.00	5.00	5.00	5.00
	kgfcm	4.3	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	50	50	50	50	50	50	50	50

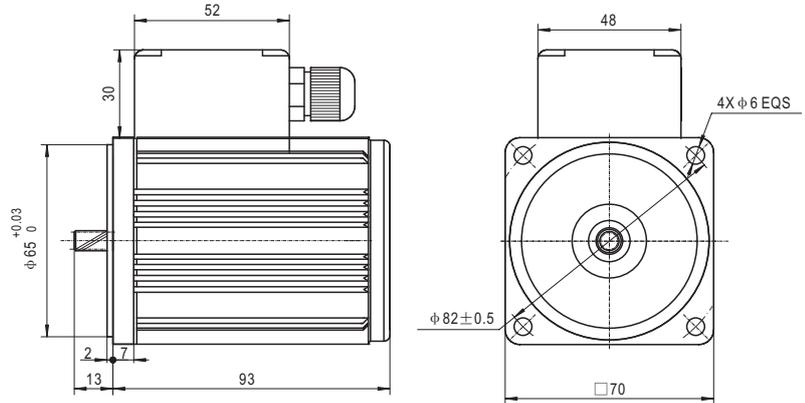
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

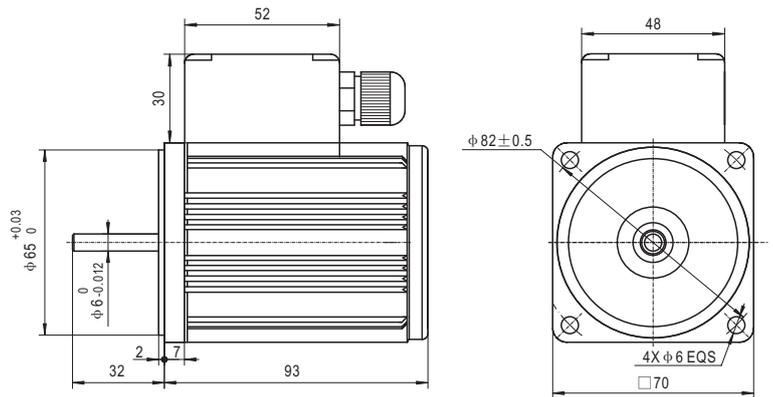
交流减速电机  
□ 70mm  
25W

外形尺寸 | Dimensions

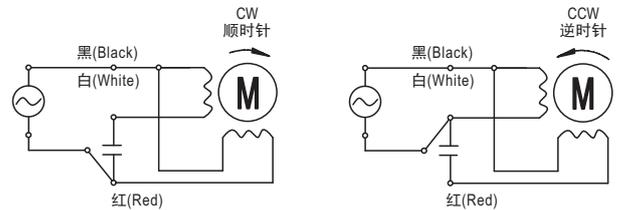
YN(Y)70-□-25J



YN(Y)70-□-25GJ



接线图 | Connected Diagrams



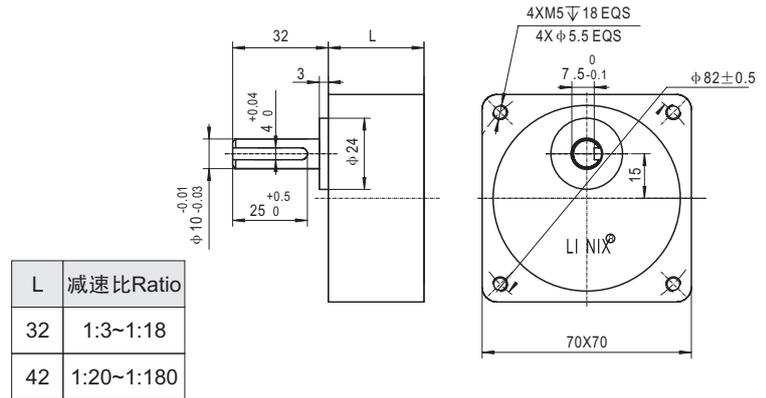
电机参数 | Specifications

型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN70-115-25J	YN70-115-25GJ	25	1ph 115	60	0.15	160	1500	180	8
YN70-220-25J	YN70-220-25GJ		1ph 220	50	0.27	160	1250	190	2
YN70-230-25J	YN70-230-25GJ		1ph 230	50	0.28	170	1250	200	2
Y70-25J	Y70-25GJ	25	3ph 380	50	0.13	270	1300	180	/
			3ph 220	50	0.22	270	1300	180	/

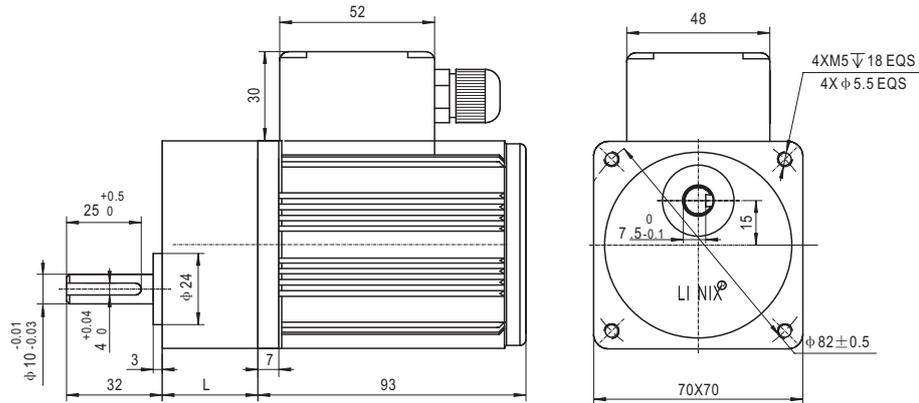
交流减速电机  
□ 70mm  
25W

外形尺寸 | Dimensions

70JB □ G1032



YN(Y)70-□-25J/70JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25J/	N.m	0.52	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	5.2	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50	50	50	50	50	50	50	50	50	50

● 60Hz

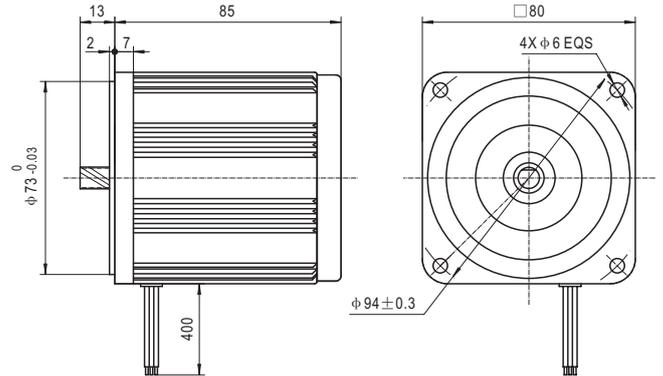
型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)70-□-25J/	N.m	0.43	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.00	5.00	5.00	5.00	5.00	5.00
70JB □ G1032	kgfcm	4.3	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	50	50	50	50	50	50	50	50

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

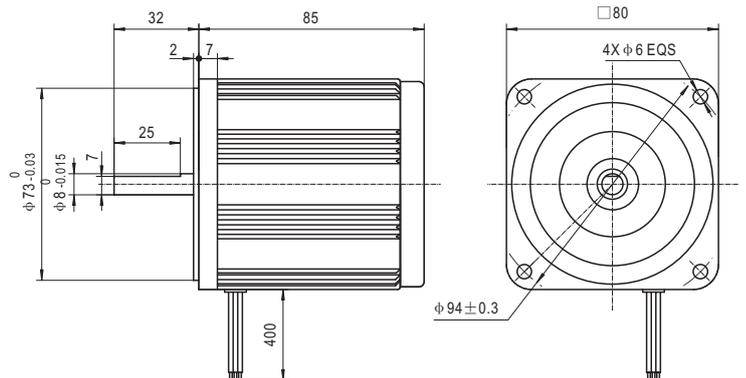
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

外形尺寸 | Dimensions

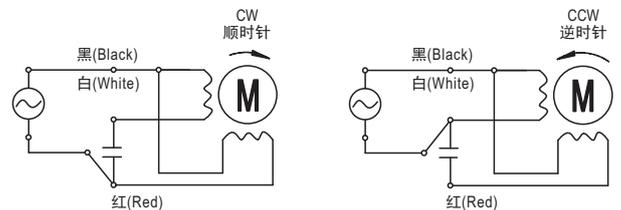
YN(Y)80-□-25



YN(Y)80-□-25G



接线图 | Connected Diagrams

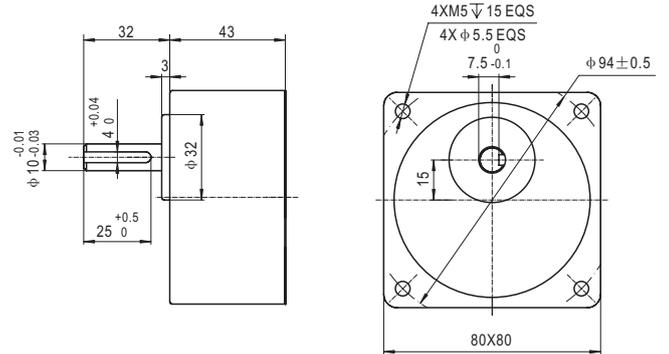


电机参数 | Specifications

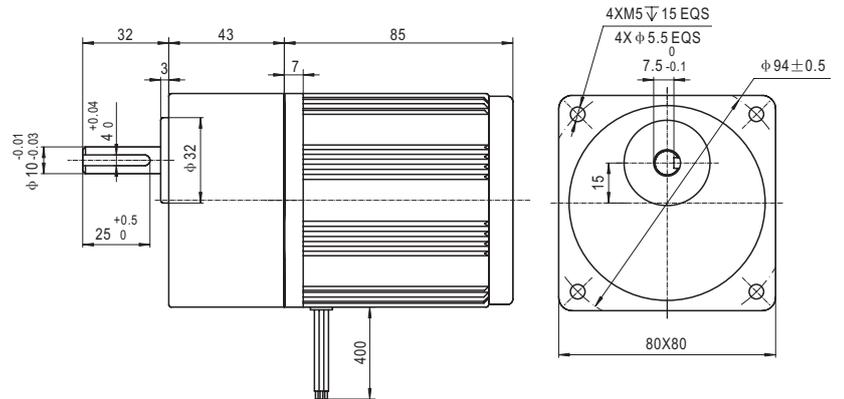
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN80-115-25	YN80-115-25G	25	1ph 115	60	0.6	180	1500	160	8
YN80-220-25	YN80-220-25G		1ph 220	50	0.25	180	1300	185	2
YN80-230-25	YN80-230-25G		1ph 230	50	0.27	180	1300	185	2
Y80-25	Y80-25G	25	3ph 380	50	0.18	600	1300	185	/
			3ph 220	50	0.32	600	1300	185	/

外形尺寸 | Dimensions

80JB □ G1032



YN(Y)80-□ -25/80JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□ -25/ 80JB □ G1032	N.m	0.46	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.02	5.58	6.97	7.56	8.00	8.00	8.00	8.00
	kgfcm	4.6	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50.2	55.8	69.7	75.6	80	80	80	80	80	80

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□ -25/ 80JB □ G1032	N.m	0.39	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.81	6.30	7.88	8.00	8.00	8.00
	kgfcm	3.9	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	58.1	63	78.8	80	80	80	80	80

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“ ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. " " indicates the same rotating direction of motor while the others rotate in the opposite direction.

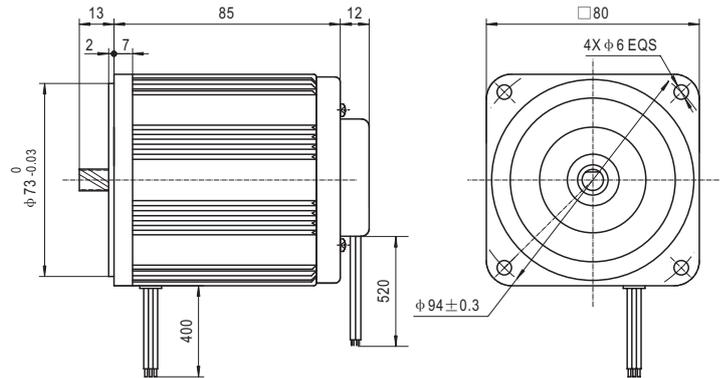
交流减速电机

□ 80mm

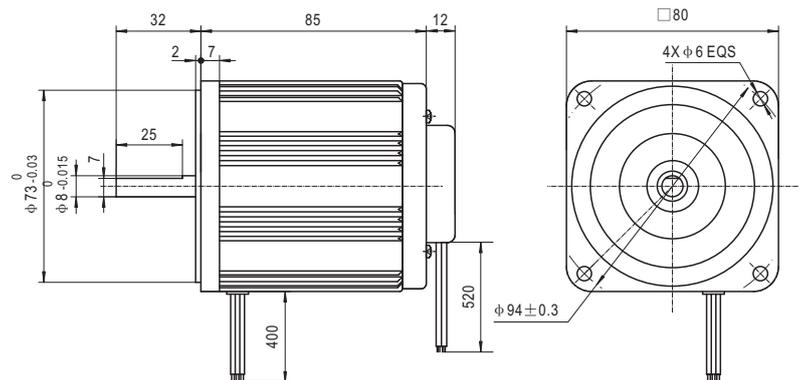
25W

外形尺寸 | Dimensions

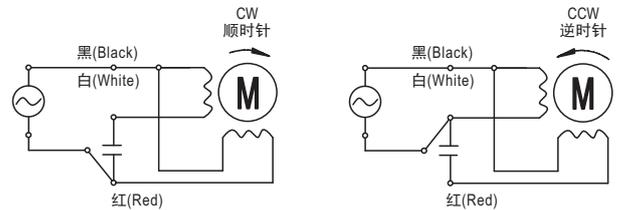
**YN(Y)80-□-25C**



**YN(Y)80-□-25GC**



接线图 | Connected Diagrams

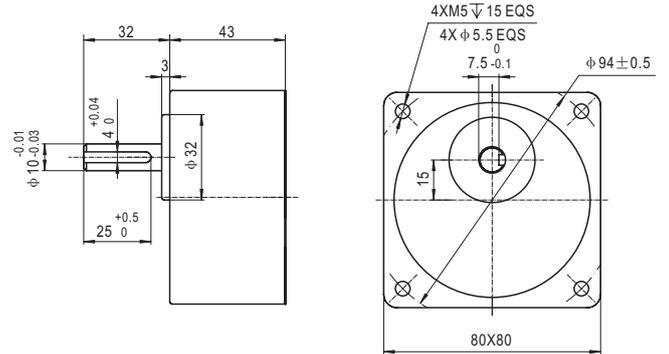


电机参数 | Specifications

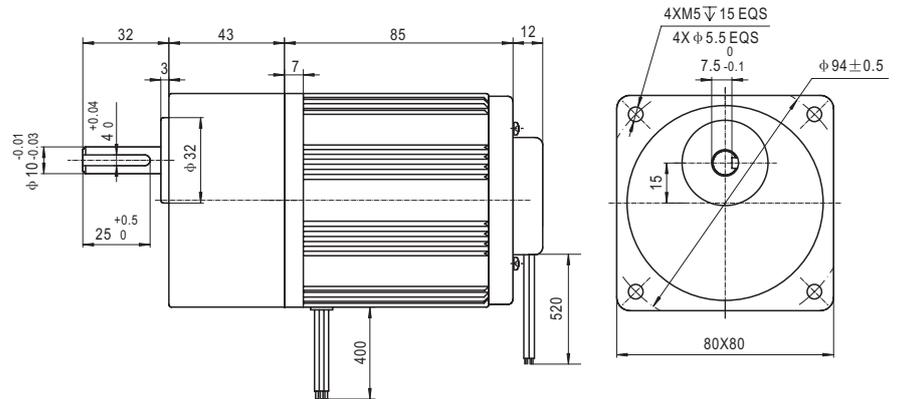
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN80-115-25C	YN80-115-25GC	25	1ph 115	60	0.6	180	1500	160	8
YN80-220-25C	YN80-220-25GC		1ph 220	50	0.25	180	1300	185	2
YN80-230-25C	YN80-230-25GC		1ph 230	50	0.27	180	1300	185	2
Y80-25C	Y80-25GC	25	3ph 380	50	0.18	600	1300	185	/
			3ph 220	50	0.32	600	1300	185	/

外形尺寸 | Dimensions

80JB □ G1032



YN(Y)80-□-25C/80JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-25C/ 80JB □ G1032	N.m	0.46	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.02	5.58	6.97	7.56	8.00	8.00	8.00	8.00
	kgfcm	4.6	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50.2	55.8	69.7	75.6	80	80	80	80	80	80

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-25C/ 80JB □ G1032	N.m	0.39	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.81	6.30	7.88	8.00	8.00	8.00
	kgfcm	3.9	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	58.1	63	78.8	80	80	80	80	80

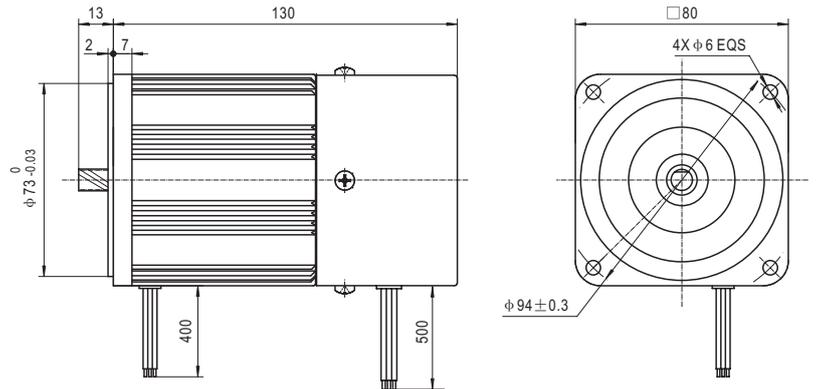
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“ ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. " " indicates the same rotating direction of motor while the others rotate in the opposite direction.

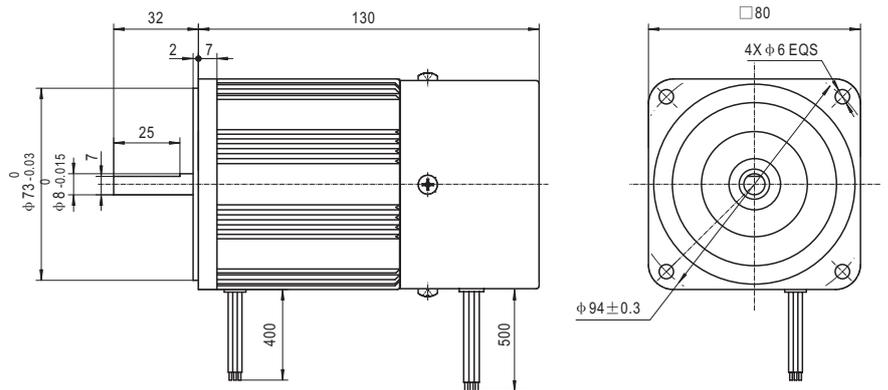
交流减速电机  
□ 80mm  
25W

外形尺寸 | Dimensions

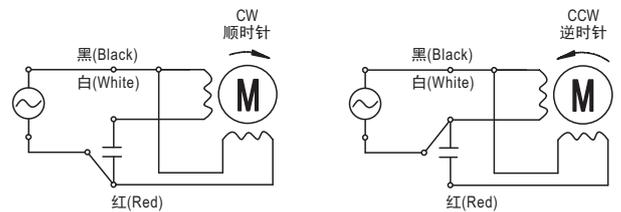
YN(Y)80-□-25D



YN(Y)80-□-25GD



接线图 | Connected Diagrams

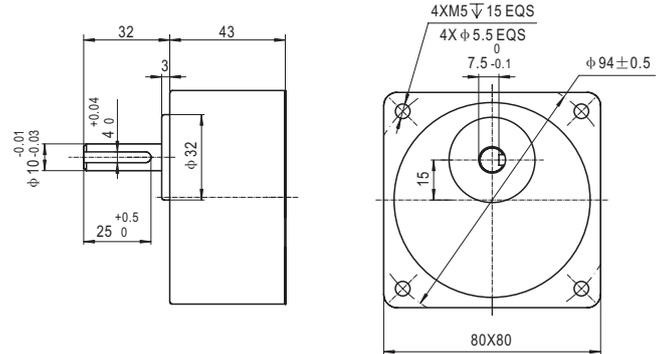


电机参数 | Specifications

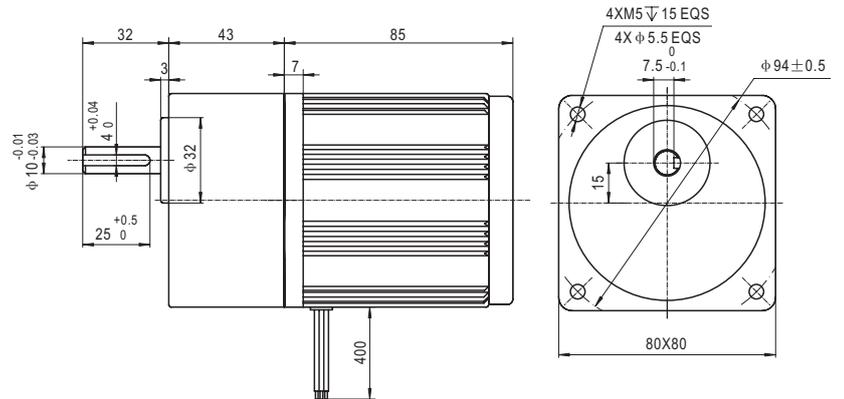
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN80-115-25D	YN80-115-25GD	25	1ph 115	60	0.6	180	1500	160	8
YN80-220-25D	YN80-220-25GD		1ph 220	50	0.25	180	1300	185	2
YN80-230-25D	YN80-230-25GD		1ph 230	50	0.27	180	1300	185	2
Y80-25D	Y80-25GD	25	3ph 380	50	0.18	600	1300	185	/
			3ph 220	50	0.32	600	1300	185	/

外形尺寸 | Dimensions

80JB □ G1032



YN(Y)80-□-25D/80JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-25/ 80JB □ G1032	N.m	0.46	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.02	5.58	6.97	7.56	8.00	8.00	8.00	8.00
	kgfcm	4.6	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50.2	55.8	69.7	75.6	80	80	80	80	80	80

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-25/ 80JB □ G1032	N.m	0.39	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.81	6.30	7.88	8.00	8.00	8.00
	kgfcm	3.9	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	58.1	63	78.8	80	80	80	80	80

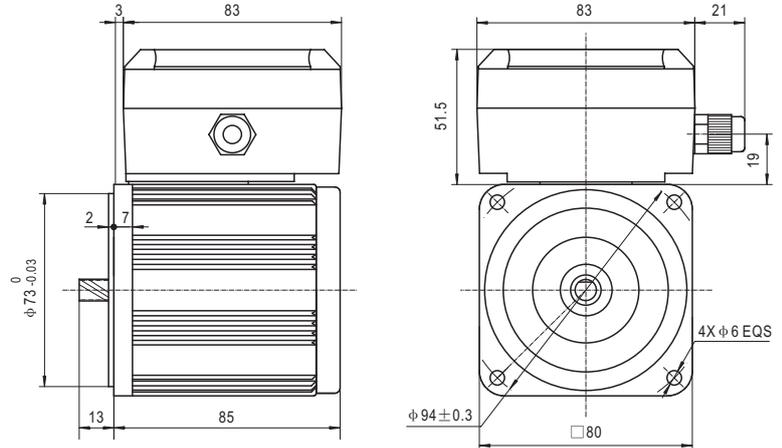
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

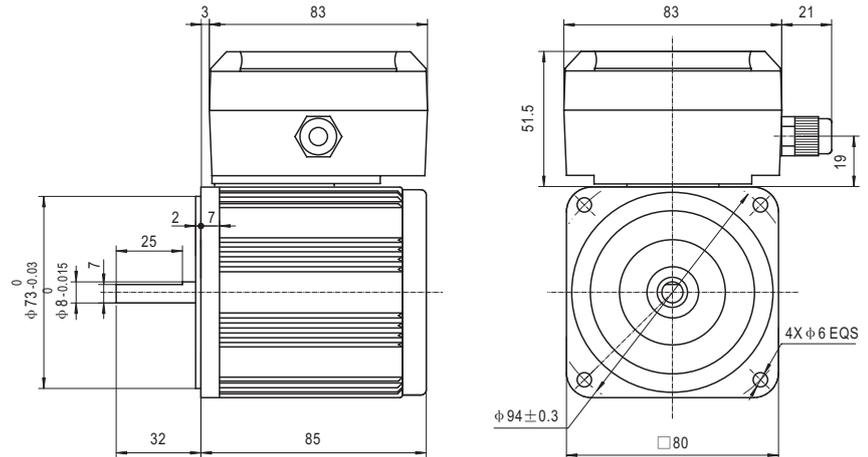
交流减速电机  
□ 80mm  
25W

外形尺寸 | Dimensions

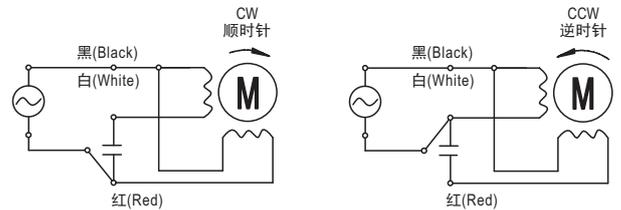
YN(Y)80-□-25J



YN(Y)80-□-25GJ



接线图 | Connected Diagrams

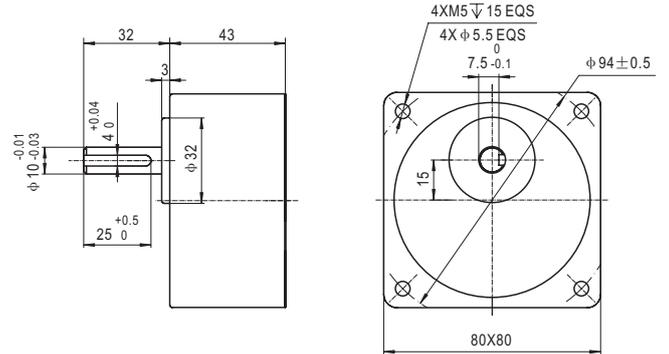


电机参数 | Specifications

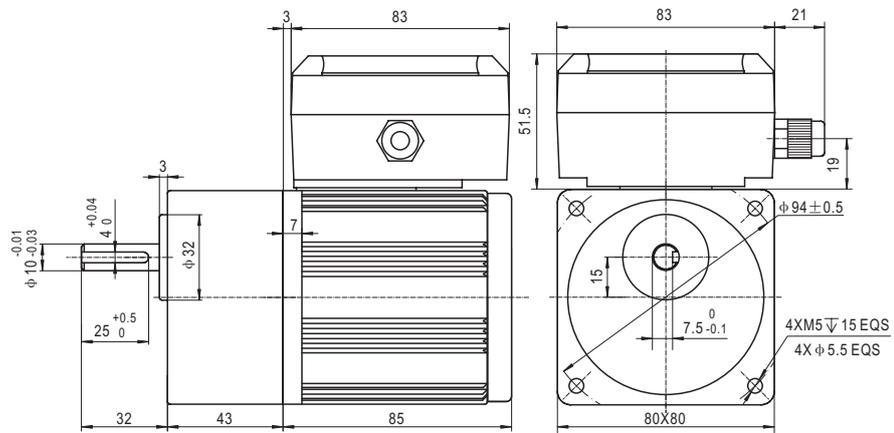
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN80-115-25J	YN80-115-25GJ	25	1ph 115	60	0.6	180	1500	160	8
YN80-220-25J	YN80-220-25GJ		1ph 220	50	0.25	180	1300	185	2
YN80-230-25J	YN80-230-25GJ		1ph 230	50	0.27	180	1300	185	2
Y80-25J	Y80-25GJ	25	3ph 380	50	0.18	600	1300	185	/
			3ph 220	50	0.32	600	1300	185	/

外形尺寸 | Dimensions

80JB □ G1032



YN(Y)80-□-25J/80JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-25J/	N.m	0.46	0.77	0.93	1.16	1.55	1.93	2.32	2.79	2.79	3.49	4.18	5.02	5.58	6.97	7.56	8.00	8.00	8.00	8.00
80JB □ G1032	kgfcm	4.6	7.7	9.3	11.6	15.5	19.3	23.2	27.9	27.9	34.9	41.8	50.2	55.8	69.7	75.6	80	80	80	80	80	80

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-25J/	N.m	0.39	0.65	0.77	0.97	1.29	1.61	1.93	2.32	2.32	2.91	3.49	4.18	4.65	5.81	6.30	7.88	8.00	8.00	8.00
80JB □ G1032	kgfcm	3.9	6.5	7.7	9.7	12.9	16.1	19.3	23.2	23.2	29.1	34.9	41.8	46.5	58.1	63	78.8	80	80	80	80	80

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

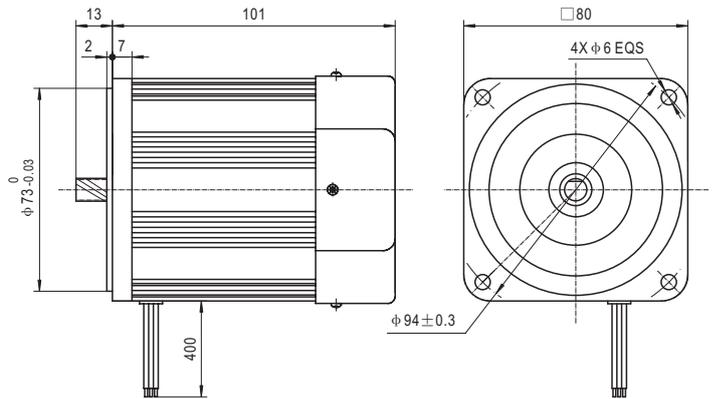
交流减速电机

□ 80mm

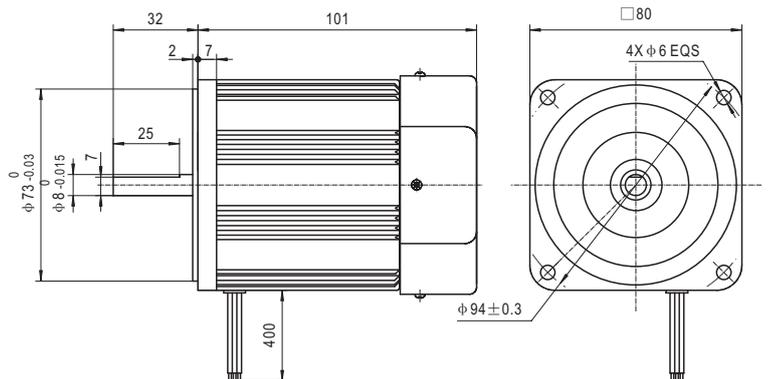
40W

外形尺寸 | Dimensions

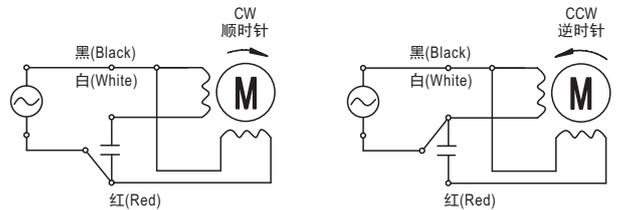
YN(Y)80-□-40F



YN(Y)80-□-40GF



接线图 | Connected Diagrams



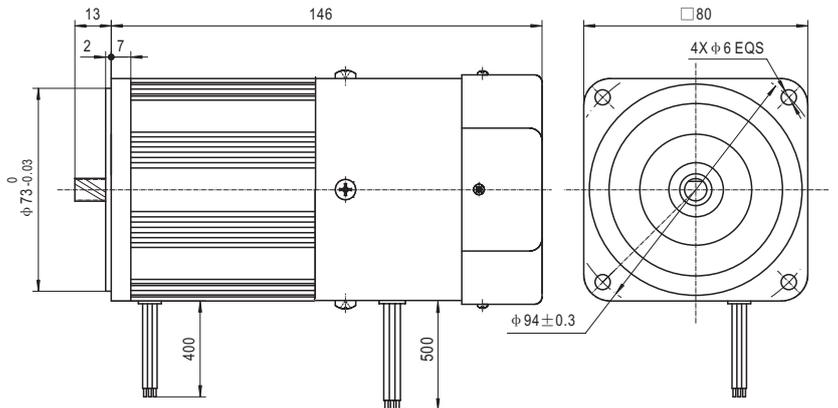
电机参数 | Specifications

型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN80-115-40F	YN80-115-40GF	40	1ph 115	60	0.95	250	1500	255	12
YN80-220-40F	YN80-220-40GF		1ph 220	50	0.45	250	1300	300	3
YN80-230-40F	YN80-230-40GF		1ph 230	50	0.48	250	1300	300	3
Y80-40F	Y80-40GF	40	3ph 380	50	0.35	900	1300	300	/
			3ph 220	50	0.6	900	1300	300	/

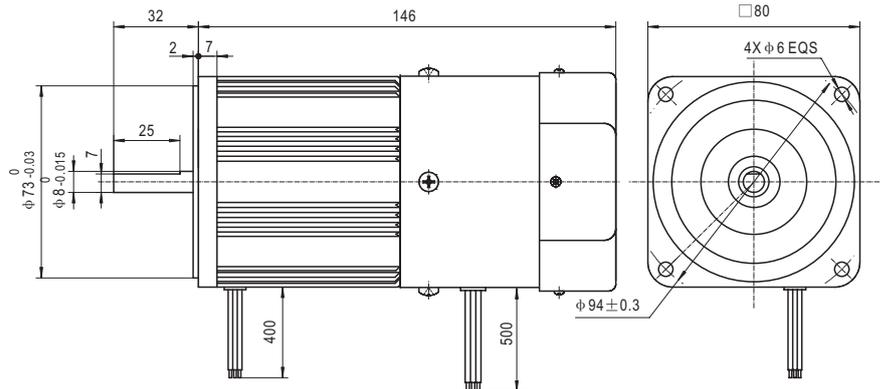


外形尺寸 | Dimensions

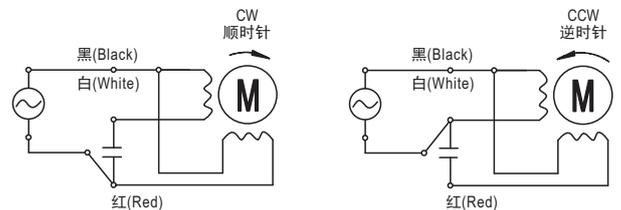
YN(Y)80-□-40F



YN(Y)80-□-40FG



接线图 | Connected Diagrams

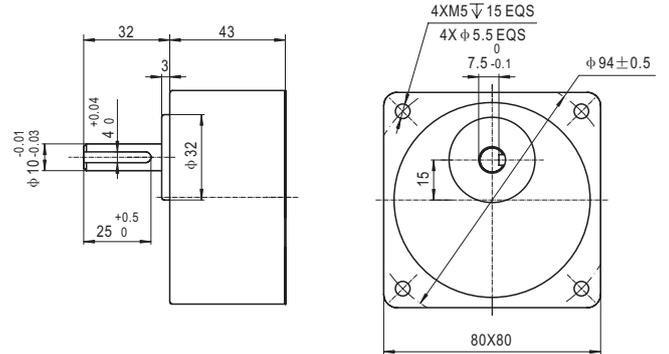


电机参数 | Specifications

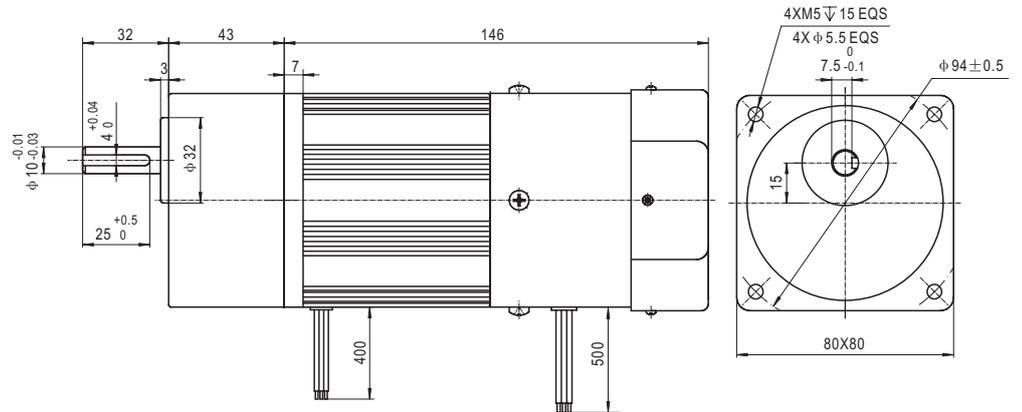
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN80-115-40DF	YN80-115-40GDF	40	1ph 115	60	0.95	250	1500	255	12
YN80-220-40DF	YN80-220-40GDF		1ph 220	50	0.45	250	1300	300	3
YN80-230-40DF	YN80-230-40GDF		1ph 230	50	0.48	250	1300	300	3
Y80-40DF	Y80-40GDF	40	3ph 380	50	0.35	900	1300	300	/
			3ph 220	50	0.6	900	1300	300	/

外形尺寸 | Dimensions

80JB □ G1032



YN(Y)80-□-40DF/80JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-40DF	N.m	0.74	1.24	1.49	1.86	2.48	3.09	3.71	4.46	4.46	5.58	6.69	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
/80JB □ G1032	kgfcm	7.4	12.4	14.9	18.6	24.8	30.9	37.1	44.6	44.6	55.8	66.9	80	80	80	80	80	80	80	80	80	80

60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-40DF	N.m	0.62	1.03	1.24	1.55	2.06	2.58	3.09	3.71	3.72	4.65	5.58	6.69	7.44	8.00	8.00	8.00	8.00	8.00	8.00
/80JB □ G1032	kgfcm	6.2	10.3	12.4	15.5	20.6	25.8	30.9	37.1	37.2	46.5	55.8	66.9	74.4	80	80	80	80	80	80	80	80

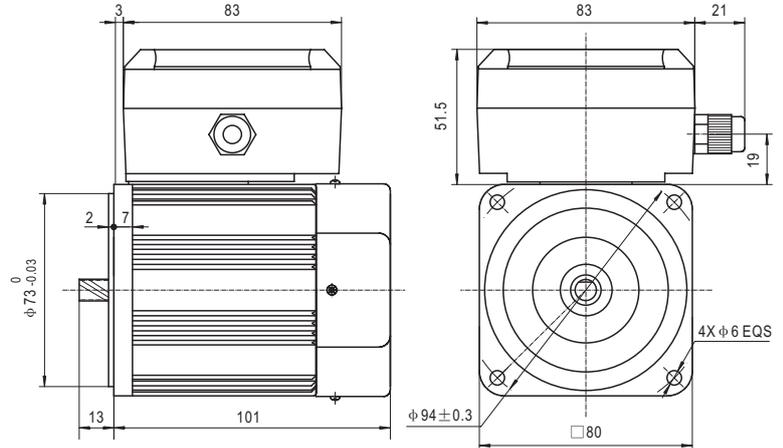
表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“    ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "    " indicates the same rotating direction of motor while the others rotate in the opposite direction.

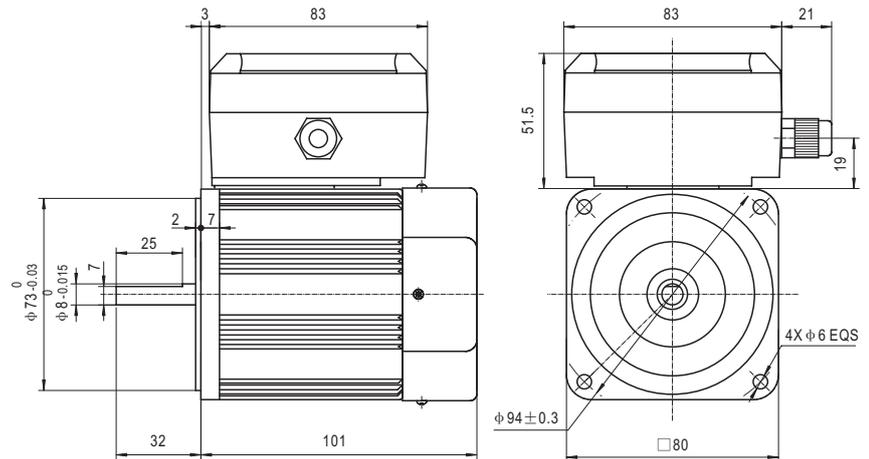
交流减速电机  
□ 80mm  
40W

外形尺寸 | Dimensions

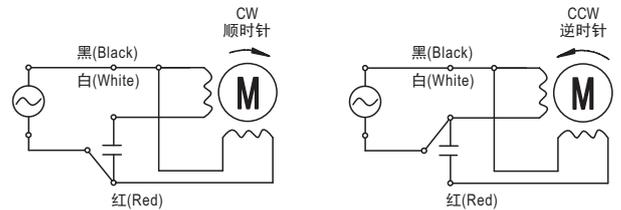
YN(Y)80-□-40FJ



YN(Y)80-□-40GFJ



接线图 | Connected Diagrams

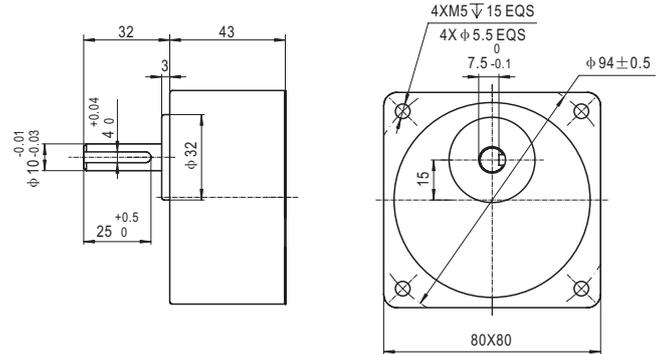


电机参数 | Specifications

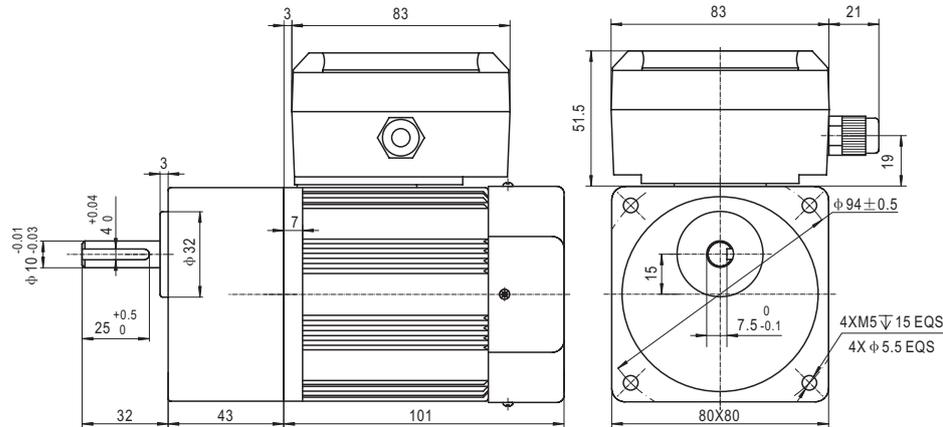
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN80-115-40FJ	YN80-115-40GFJ	40	1ph 115	60	0.95	250	1500	255	12
YN80-220-40FJ	YN80-220-40GFJ		1ph 220	50	0.45	250	1300	300	3
YN80-230-40FJ	YN80-230-40GFJ		1ph 230	50	0.48	250	1300	300	3
Y80-40FJ	Y80-40GFJ	40	3ph 380	50	0.35	900	1300	300	/
			3ph 220	50	0.6	900	1300	300	/

外形尺寸 | Dimensions

80JB □ G1032



YN(Y)80-□-40FJ/80JB □ G1032



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-40FJ	N.m	0.74	1.24	1.49	1.86	2.48	3.09	3.71	4.46	4.46	5.58	6.69	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
/80JB □ G1032	kgfcm	7.4	12.4	14.9	18.6	24.8	30.9	37.1	44.6	44.6	55.8	66.9	80	80	80	80	80	80	80	80	80	80

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)80-□-40FJ	N.m	0.62	1.03	1.24	1.55	2.06	2.58	3.09	3.71	3.72	4.65	5.58	6.69	7.44	8.00	8.00	8.00	8.00	8.00	8.00
/80JB □ G1032	kgfcm	6.2	10.3	12.4	15.5	20.6	25.8	30.9	37.1	37.2	46.5	55.8	66.9	74.4	80	80	80	80	80	80	80	80

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

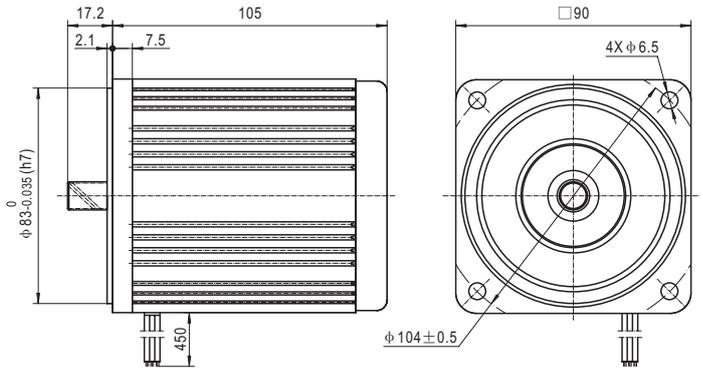
交流减速电机

□ 90mm

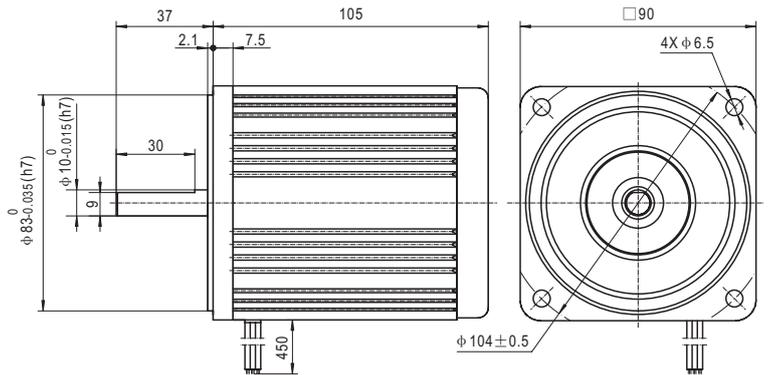
40W

外形尺寸 | Dimensions

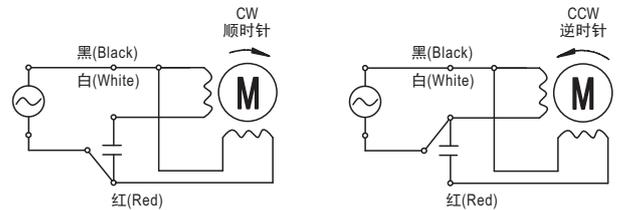
YN(Y)90-□-40



YN(Y)90-□-40G



接线图 | Connected Diagrams

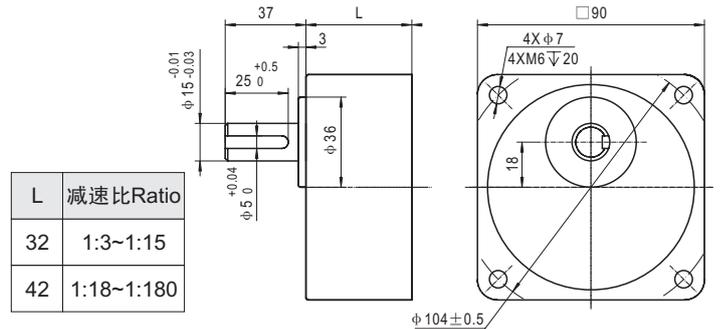


电机参数 | Specifications

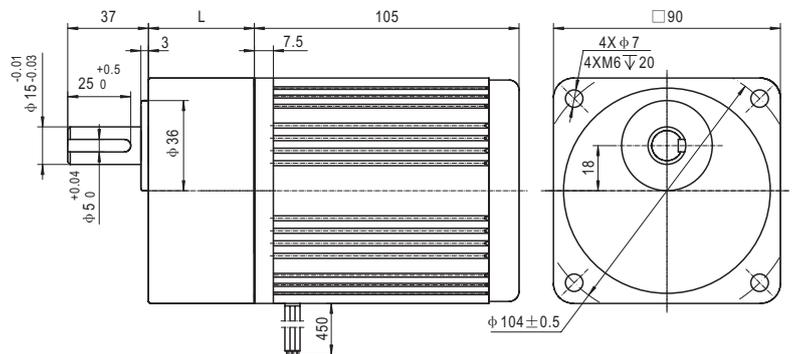
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μ F
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-40	YN90-115-40G	40	1ph 115	60	0.63	250	1650	220	10
YN90-220-40	YN90-220-40G		1ph 220	50	0.31	200	1400	270	2.5
YN90-230-40	YN90-230-40G		1ph 230	50	0.32	220	1400	270	2.5
Y90-40	Y90-40G	40	3ph 380	50	0.14	990	1300	300	/
			3ph 220	50	0.30	980	1300	300	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-40/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
	转速 Speed	500	300	250	200	150	120	100	83	75	60	50	41	37.5	30	25	20	16	15	12.5	10	8
YN(Y)90-□-40/	N.m	0.79	1.19	1.43	1.79	2.38	2.96	3.57	3.86	4.29	5.36	6.44	7.72	7.76	9.70	10.0	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	7.9	11.9	14.3	17.9	23.8	29.6	35.7	38.6	42.9	53.6	64.4	77.2	77.6	97	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
	转速 Speed	500	300	250	200	150	120	100	83	75	60	50	41	37.5	30	25	20	16	15	12.5	10	8
YN(Y)90-□-40/	N.m	0.67	1.00	1.20	1.50	2.00	2.50	3.00	3.24	3.60	4.50	5.40	6.48	6.51	8.13	9.8	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	6.7	10	12	15	20	25	30	32.4	36	45	54	64.8	65.1	81.3	98	100	100	100	100	100	100

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

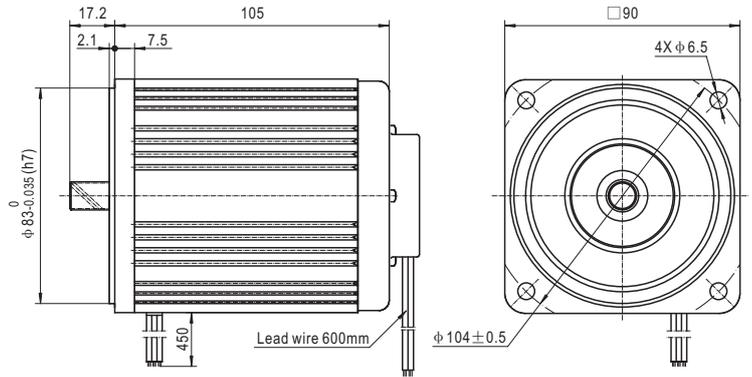
交流减速电机

□ 90mm

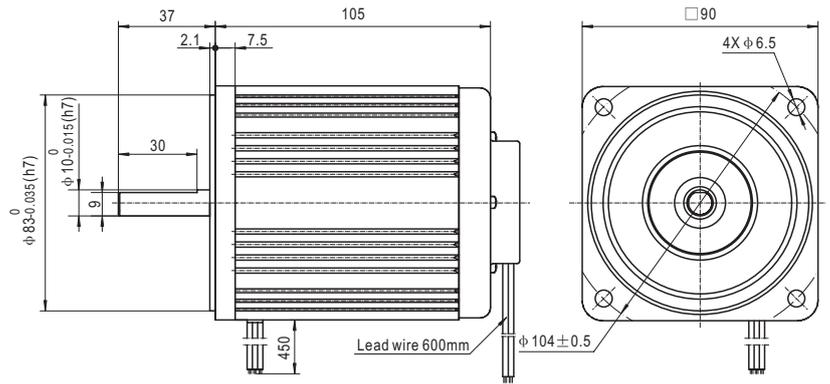
40W

外形尺寸 | Dimensions

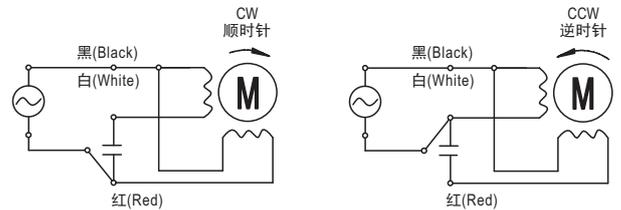
YN(Y)90-□-40C



YN(Y)90-□-40GC



接线图 | Connected Diagrams

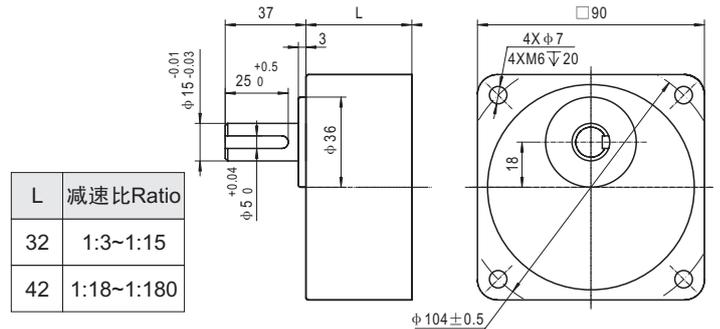


电机参数 | Specifications

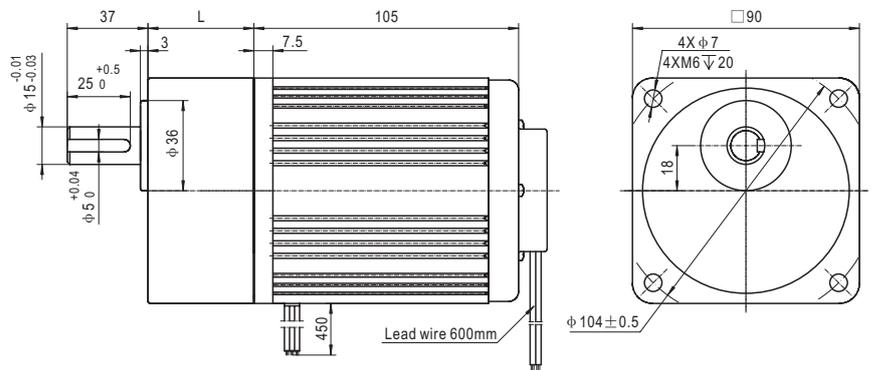
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-40C	YN90-115-40GC	40	1ph 115	60	0.63	250	1650	220	10
YN90-220-40C	YN90-220-40GC		1ph 220	50	0.31	200	1400	270	2.5
YN90-230-40C	YN90-230-40GC		1ph 230	50	0.32	220	1400	270	2.5
Y90-40C	Y90-40GC	40	3ph 380	50	0.14	990	1300	300	/
			3ph 220	50	0.30	980	1300	300	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-40C/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-40C/ 90JB □ G1532-X	N.m	0.79	1.19	1.43	1.79	2.38	2.96	3.57	3.86	4.29	5.36	6.44	7.72	7.76	9.70	10.0	10.0	10.0	10.0	10.0
	kgfcm	7.9	11.9	14.3	17.9	23.8	29.6	35.7	38.6	42.9	53.6	64.4	77.2	77.6	97	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-40C/ 90JB □ G1532-X	N.m	0.67	1.00	1.20	1.50	2.00	2.50	3.00	3.24	3.60	4.50	5.40	6.48	6.51	8.13	9.8	10.0	10.0	10.0	10.0
	kgfcm	6.7	10	12	15	20	25	30	32.4	36	45	54	64.8	65.1	81.3	98	100	100	100	100	100	100

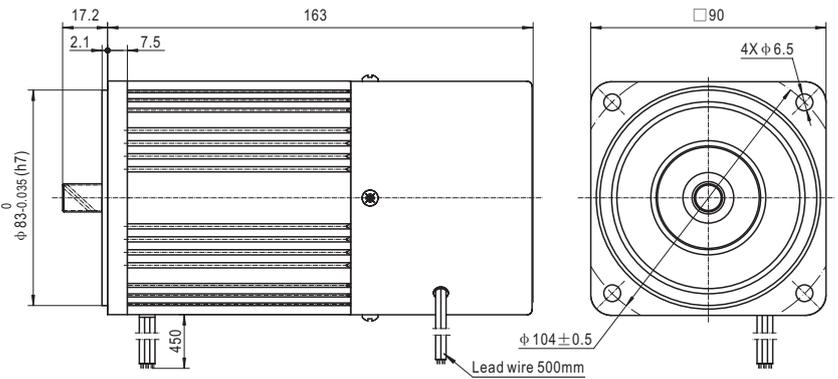
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“ ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. “ ” indicates the same rotating direction of motor while the others rotate in the opposite direction.

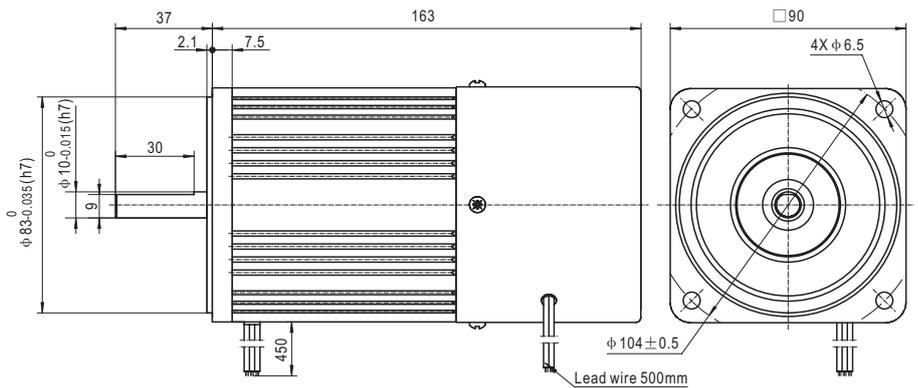
交流减速电机  
□ 90mm  
40W

外形尺寸 | Dimensions

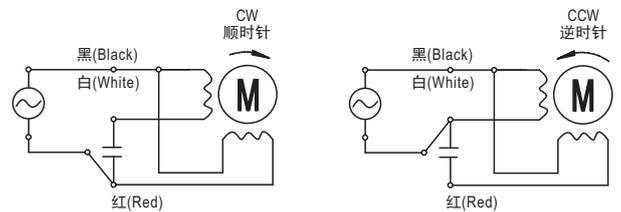
YN(Y)90-□-40D



YN(Y)90-□-40GD



接线图 | Connected Diagrams

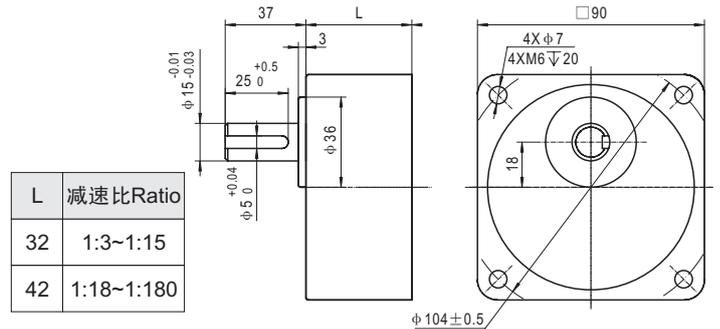


电机参数 | Specifications

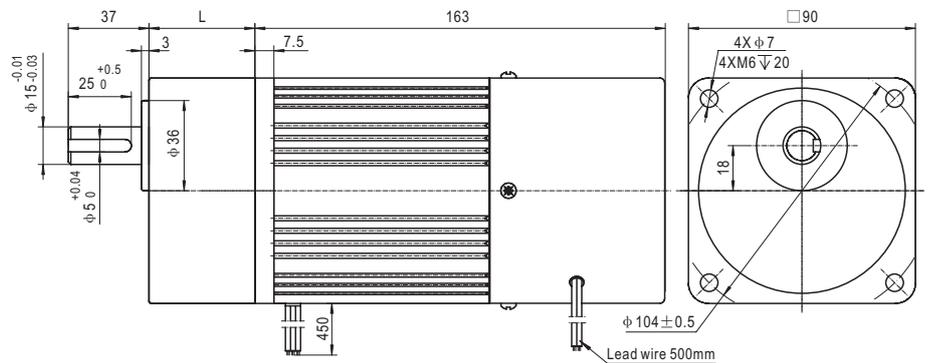
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μF
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-40D	YN90-115-40GD	40	1ph 115	60	0.63	250	1650	220	10
YN90-220-40D	YN90-220-40GD		1ph 220	50	0.31	200	1400	270	2.5
YN90-230-40D	YN90-230-40GD		1ph 230	50	0.32	220	1400	270	2.5
Y90-40D	Y90-40GD	40	3ph 380	50	0.14	990	1300	300	/
			3ph 220	50	0.30	980	1300	300	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-40D/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-40D/ 90JB □ G1532-X	N.m	0.79	1.19	1.43	1.79	2.38	2.96	3.57	3.86	4.29	5.36	6.44	7.72	7.76	9.70	10.0	10.0	10.0	10.0	10.0
	kgfcm	7.9	11.9	14.3	17.9	23.8	29.6	35.7	38.6	42.9	53.6	64.4	77.2	77.6	97	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-40D/ 90JB □ G1532-X	N.m	0.67	1.00	1.20	1.50	2.00	2.50	3.00	3.24	3.60	4.50	5.40	6.48	6.51	8.13	9.8	10.0	10.0	10.0	10.0
	kgfcm	6.7	10	12	15	20	25	30	32.4	36	45	54	64.8	65.1	81.3	98	100	100	100	100	100	100

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

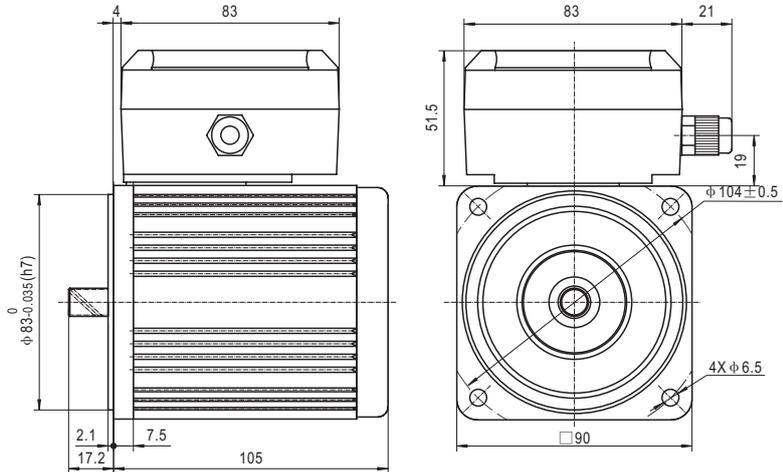
交流减速电机

□ 90mm

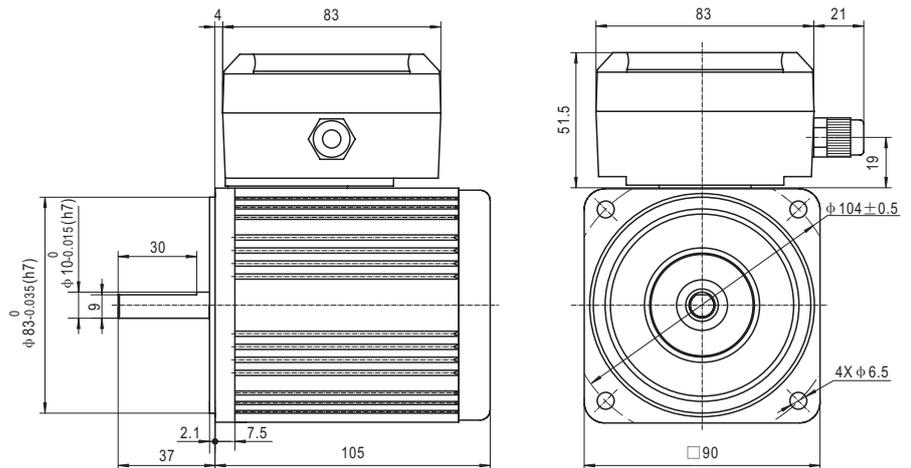
40W

外形尺寸 | Dimensions

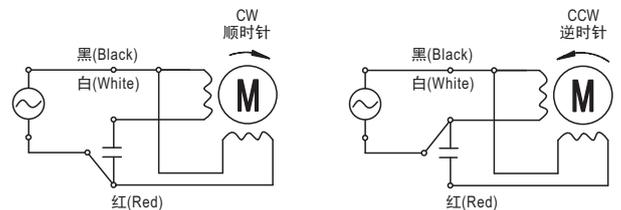
YN(Y)90-□-40J



YN(Y)90-□-40GJ



接线图 | Connected Diagrams

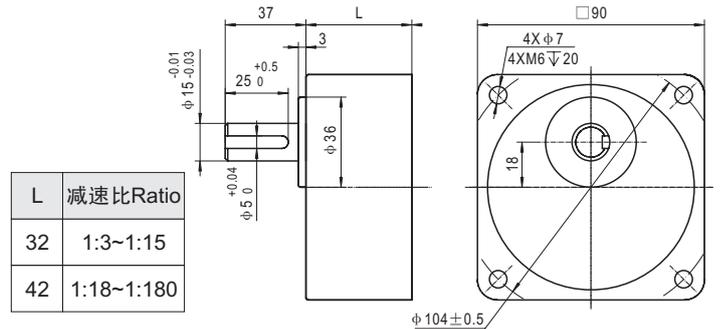


电机参数 | Specifications

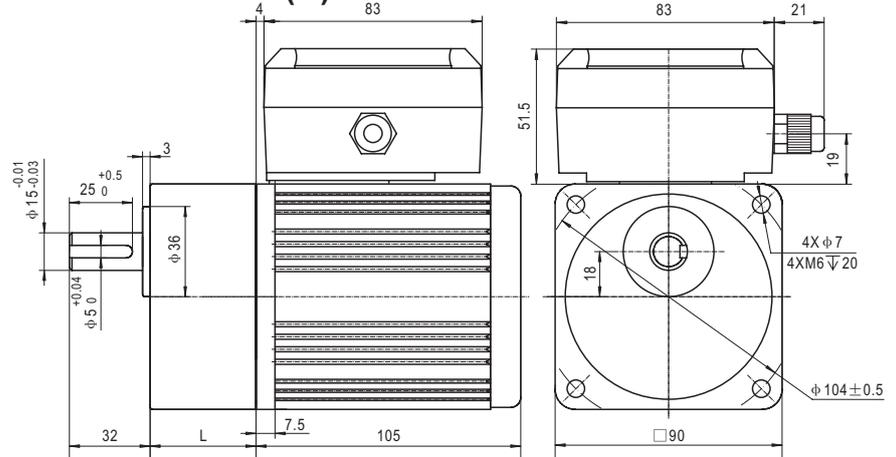
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-40J	YN90-115-40GJ	40	1ph 115	60	0.63	250	1650	220	10
YN90-220-40J	YN90-220-40GJ		1ph 220	50	0.31	200	1400	270	2.5
YN90-230-40J	YN90-230-40GJ		1ph 230	50	0.32	220	1400	270	2.5
Y90-40J	Y90-40GJ	40	3ph 380	50	0.14	990	1300	300	/
			3ph 220	50	0.30	980	1300	300	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-40J/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
			YN(Y)90-□-40J/	N.m	500	0.79	1.19	1.43	1.79	2.38	2.96	3.57	3.86	4.29	5.36	6.44	7.72	7.76	9.70	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	500	7.9	11.9	14.3	17.9	23.8	29.6	35.7	38.6	42.9	53.6	64.4	77.2	77.6	97	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio	转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
			YN(Y)90-□-40J/	N.m	500	0.67	1.00	1.20	1.50	2.00	2.50	3.00	3.24	3.60	4.50	5.40	6.48	6.51	8.13	9.8	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	500	6.7	10	12	15	20	25	30	32.4	36	45	54	64.8	65.1	81.3	98	100	100	100	100	100	100

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

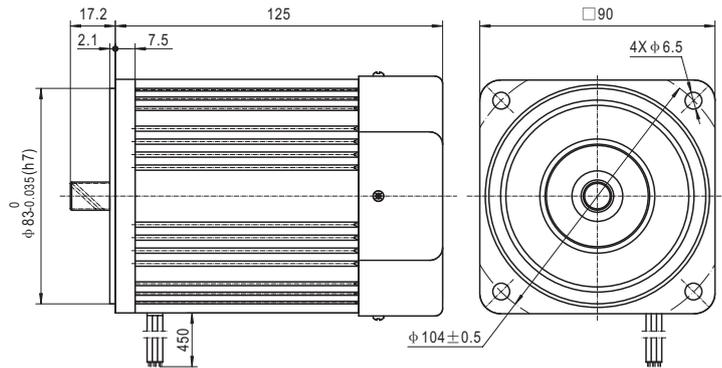
交流减速电机

□ 90mm

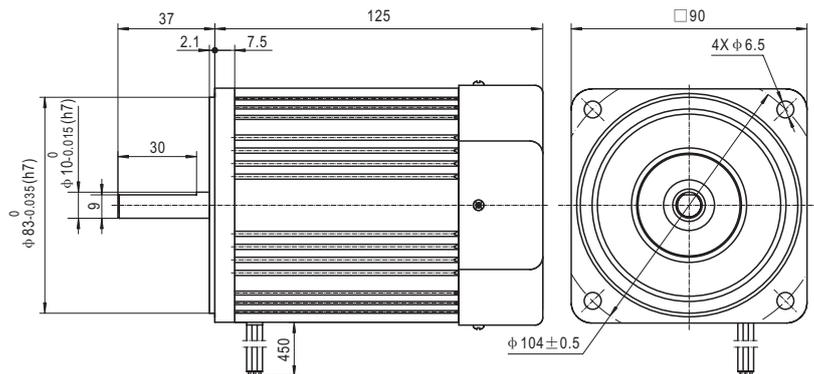
60W

外形尺寸 | Dimensions

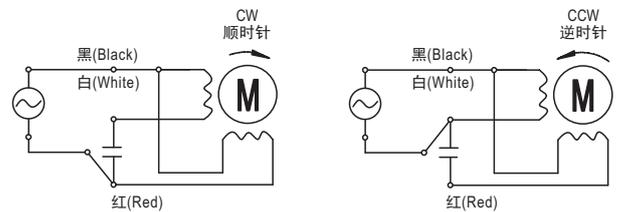
YN(Y)90-□-60F



YN(Y)90-□-60GF



接线图 | Connected Diagrams

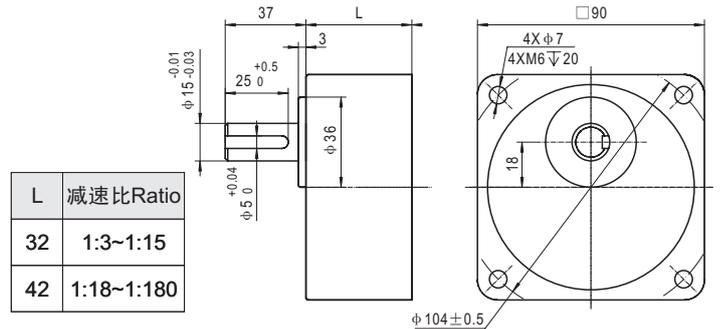


电机参数 | Specifications

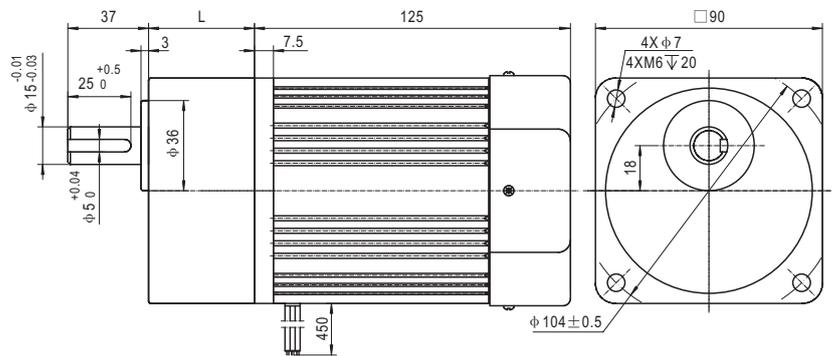
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μ F
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-60F	YN90-115-60GF	60	1ph 115	60	1.1	400	1650	340	16
YN90-220-60F	YN90-220-60GF		1ph 220	50	0.45	390	1400	410	4
YN90-230-60F	YN90-230-60GF		1ph 230	50	0.46	350	1400	410	4
Y90-60F	Y90-60GF	60	3ph 380	50	0.24	1470	1350	420	/
			3ph 220	50	0.42	1440	1350	420	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-60F/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
	转速 Speed	500	300	250	200	150	120	100	83	75	60	50	41	37.5	30	25	20	16	15	12.5	10	8
YN(Y)90-□-60F/	N.m	1.19	1.79	2.14	2.68	3.57	4.46	5.36	5.79	6.44	8.04	9.65	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	11.9	17.9	21.4	26.8	35.7	44.6	53.6	57.9	64.4	80.4	96.5	100	100	100	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
	转速 Speed	500	300	250	200	150	120	100	83	75	60	50	41	37.5	30	25	20	16	15	12.5	10	8
YN(Y)90-□-60F/	N.m	1.00	1.50	1.80	2.25	3.00	3.74	4.49	4.86	5.40	6.75	8.10	9.7	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	10	15	18	22.5	30	37.4	44.9	48.6	54	67.5	81	97	98	100	100	100	100	100	100	100	100

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

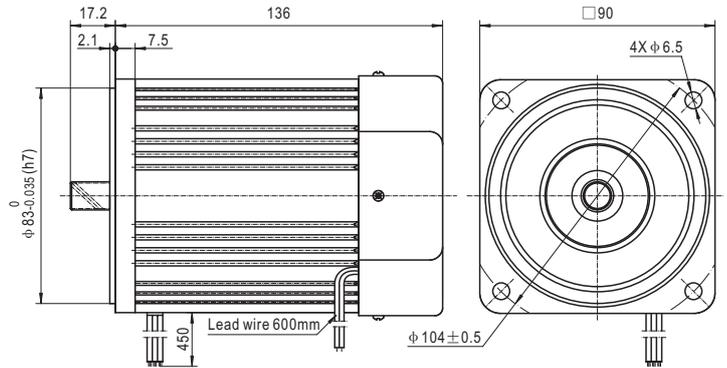
交流减速电机

□ 90mm

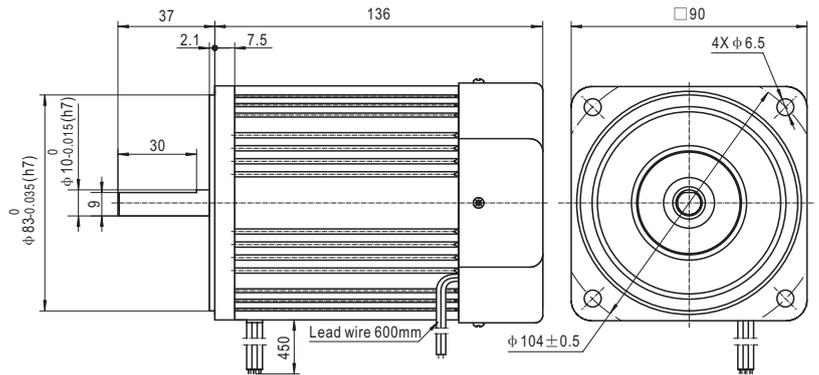
60W

外形尺寸 | Dimensions

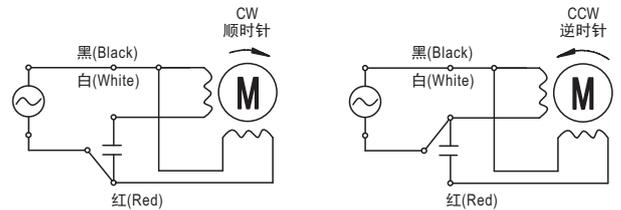
YN(Y)90-□-60CF



YN(Y)90-□-60GCF



接线图 | Connected Diagrams

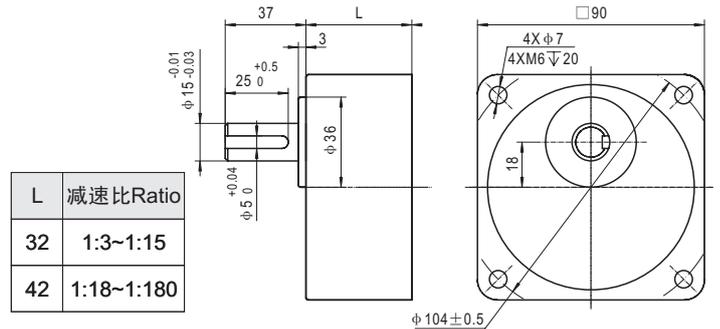


电机参数 | Specifications

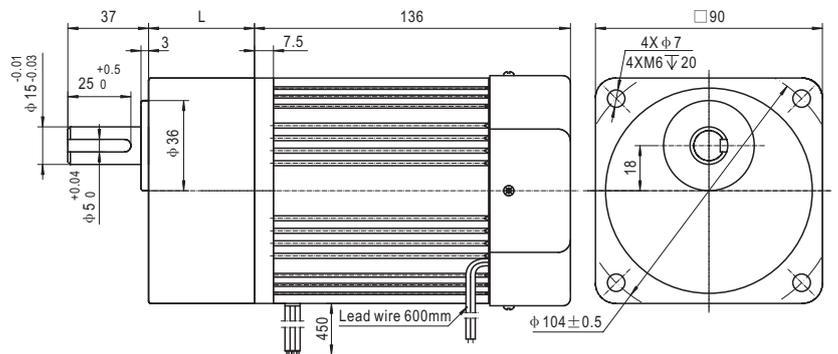
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-60CF	YN90-115-60GCF	60	1ph 115	60	1.1	400	1650	340	16
YN90-220-60CF	YN90-220-60GCF		1ph 220	50	0.45	390	1400	410	4
YN90-230-60CF	YN90-230-60GCF		1ph 230	50	0.46	350	1400	410	4
Y90-60CF	Y90-60GCF	60	3ph 380	50	0.24	1470	1350	420	/
			3ph 220	50	0.42	1440	1350	420	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-60CF/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-60CF/	N.m	1.19	1.79	2.14	2.68	3.57	4.46	5.36	5.79	6.44	8.04	9.65	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	11.9	17.9	21.4	26.8	35.7	44.6	53.6	57.9	64.4	80.4	96.5	100	100	100	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-60CF/	N.m	1.00	1.50	1.80	2.25	3.00	3.74	4.49	4.86	5.40	6.75	8.10	9.7	9.8	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	10	15	18	22.5	30	37.4	44.9	48.6	54	67.5	81	97	98	100	100	100	100	100	100	100	100

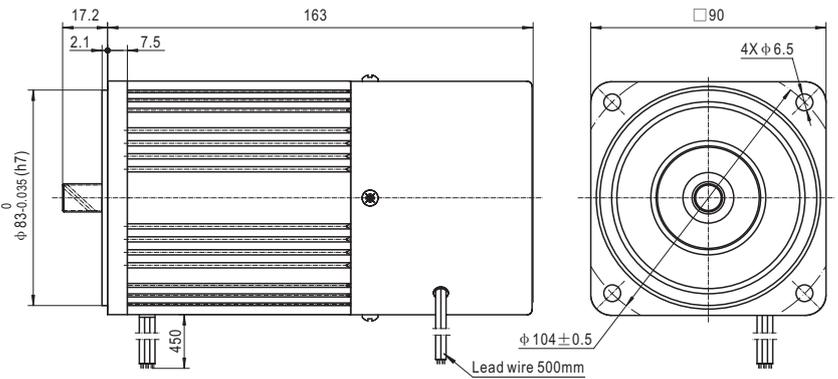
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

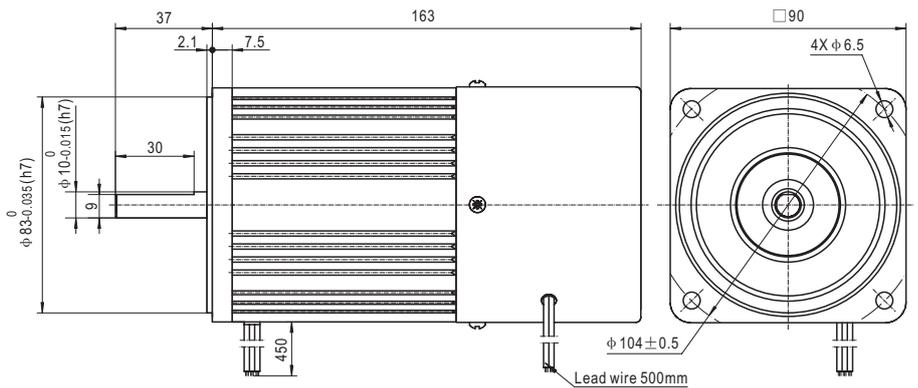
交流减速电机  
□ 90mm  
60W

外形尺寸 | Dimensions

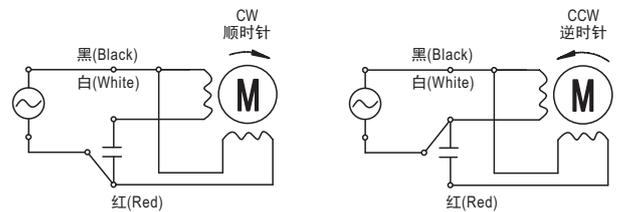
YN(Y)90-□-60D



YN(Y)90-□-60GD



接线图 | Connected Diagrams

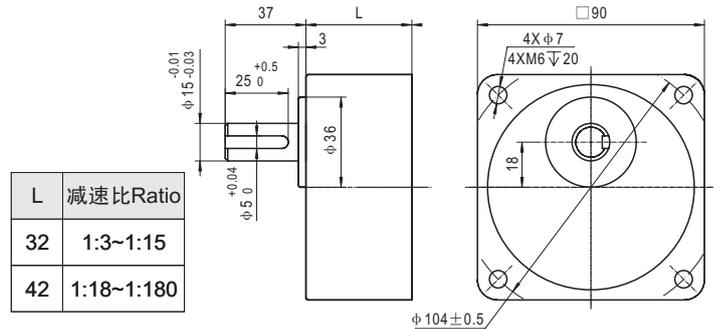


电机参数 | Specifications

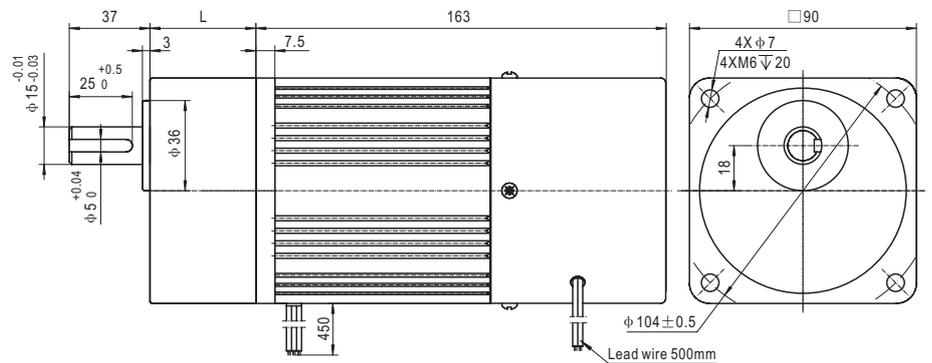
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-60D	YN90-115-60GD	60	1ph 115	60	1.1	400	1650	340	16
YN90-220-60D	YN90-220-60GD		1ph 220	50	0.45	390	1400	410	4
YN90-230-60D	YN90-230-60GD		1ph 230	50	0.46	350	1400	410	4
Y90-60D	Y90-60GD	60	3ph 380	50	0.24	1470	1350	420	/
			3ph 220	50	0.42	1440	1350	420	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-60D/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-60D/ 90JB □ G1532-X	N.m	1.19	1.79	2.14	2.68	3.57	4.46	5.36	5.79	6.44	8.04	9.65	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	kgfcm	11.9	17.9	21.4	26.8	35.7	44.6	53.6	57.9	64.4	80.4	96.5	100	100	100	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-60D/ 90JB □ G1532-X	N.m	1.00	1.50	1.80	2.25	3.00	3.74	4.49	4.86	5.40	6.75	8.10	9.7	9.8	10.0	10.0	10.0	10.0	10.0	10.0
	kgfcm	10	15	18	22.5	30	37.4	44.9	48.6	54	67.5	81	97	98	100	100	100	100	100	100	100	100

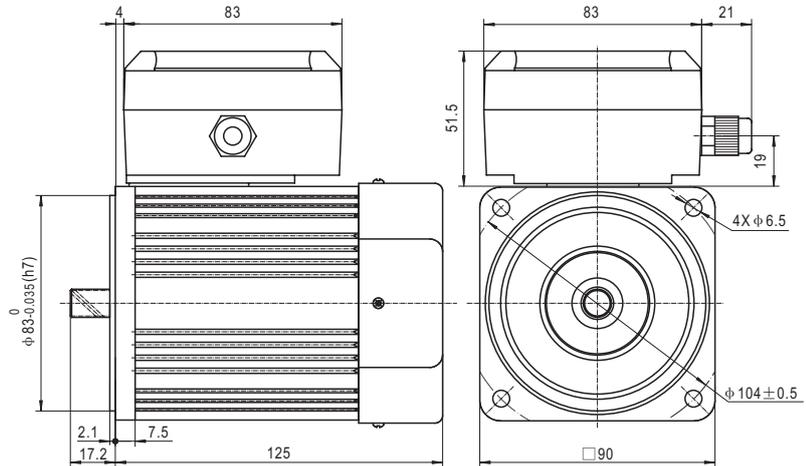
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

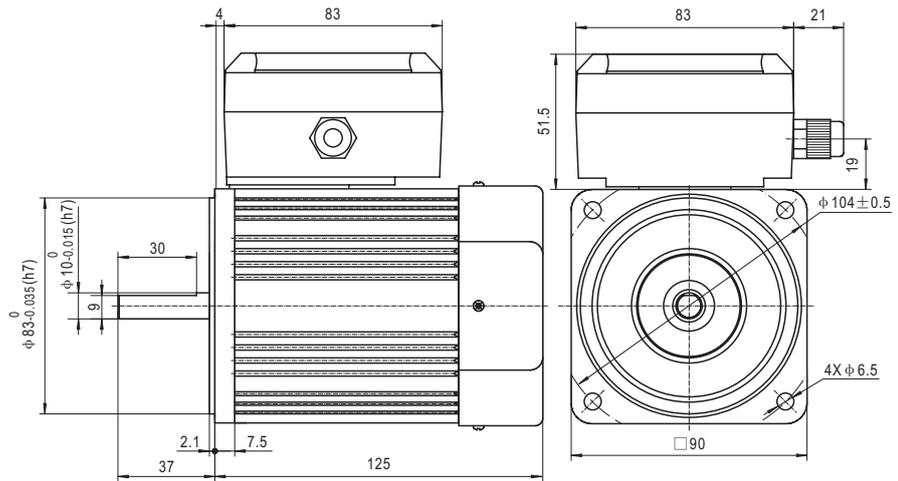
交流减速电机  
□ 90mm  
60W

外形尺寸 | Dimensions

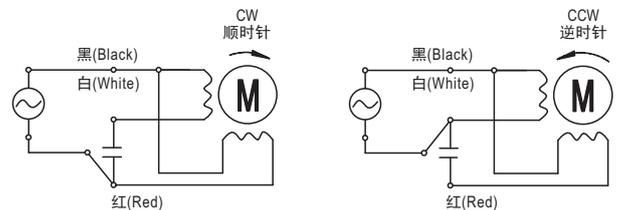
YN(Y)90-□-60FJ



YN(Y)90-□-60GFJ



接线图 | Connected Diagrams

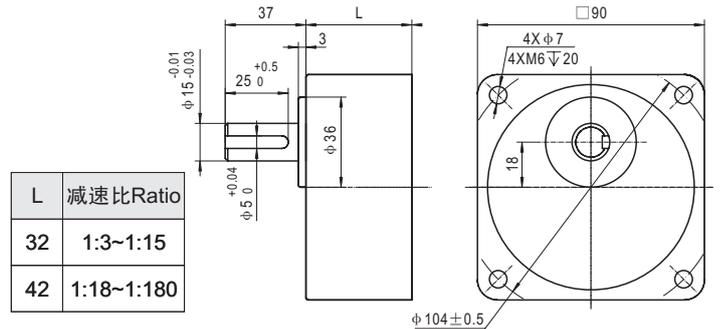


电机参数 | Specifications

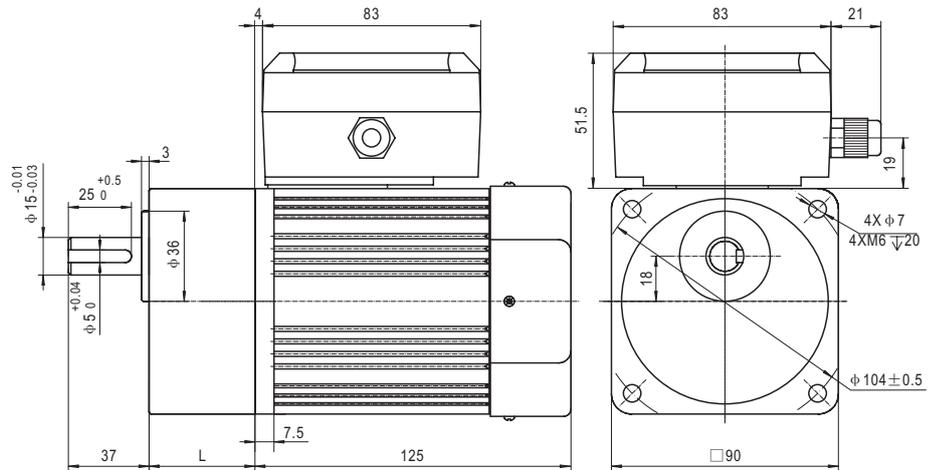
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-60FJ	YN90-115-60GFJ	60	1ph 115	60	1.1	400	1650	340	16
YN90-220-60FJ	YN90-220-60GFJ		1ph 220	50	0.45	390	1400	410	4
YN90-230-60FJ	YN90-230-60GFJ		1ph 230	50	0.46	350	1400	410	4
Y90-60FJ	Y90-60GFJ	60	3ph 380	50	0.24	1470	1350	420	/
			3ph 220	50	0.42	1440	1350	420	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-60FJ/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed
																							500
YN(Y)90-□-60FJ/	N.m	1.19	1.79	2.14	2.68	3.57	4.46	5.36	5.79	6.44	8.04	9.65	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	11.9	17.9	21.4	26.8	35.7	44.6	53.6	57.9	64.4	80.4	96.5	100	100	100	100	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	转速 Speed
																							500
YN(Y)90-□-60FJ/	N.m	1.00	1.50	1.80	2.25	3.00	3.74	4.49	4.86	5.40	6.75	8.10	9.7	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
90JB □ G1532-X	kgfcm	10	15	18	22.5	30	37.4	44.9	48.6	54	67.5	81	97	98	100	100	100	100	100	100	100	100	100

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

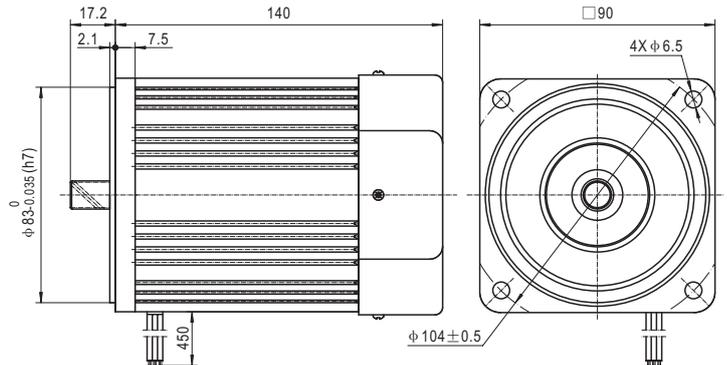
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

交流减速电机

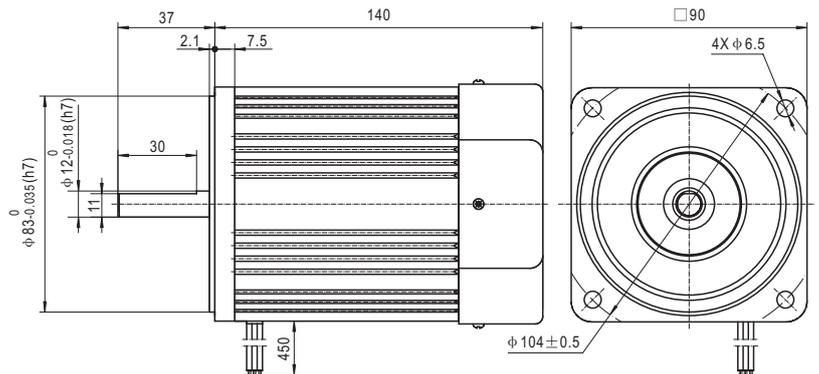
□ 90mm  
90W

外形尺寸 | Dimensions

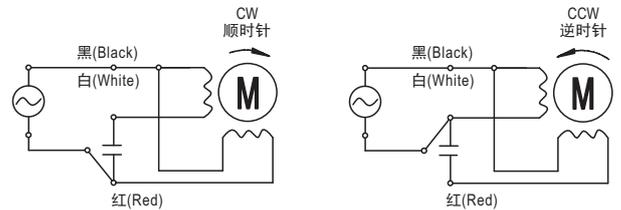
YN(Y)90-□-90F



YN(Y)90-□-90GF



接线图 | Connected Diagrams

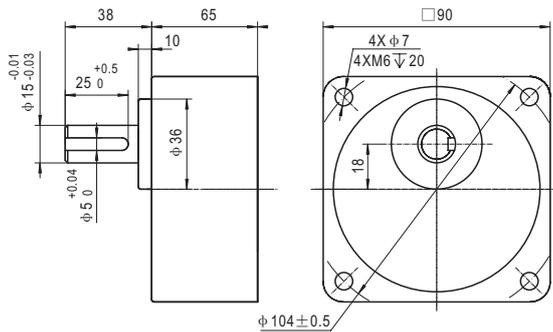


电机参数 | Specifications

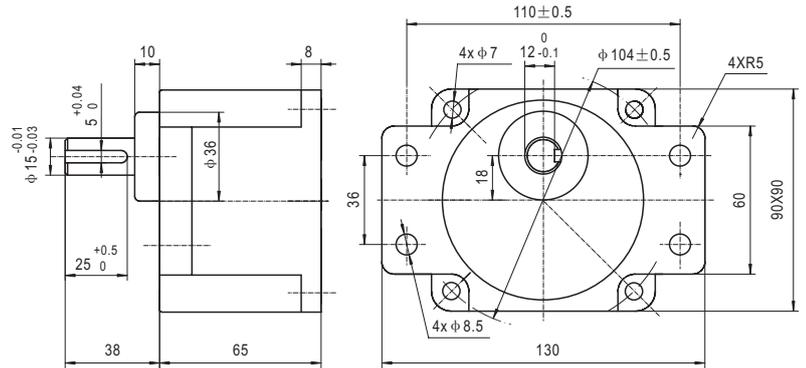
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μ F
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-90F	YN90-115-90GF	90	1ph 115	60	1.5	580	1650	500	24
YN90-220-90F	YN90-220-90GF		1ph 220	50	0.64	530	1400	610	6
YN90-230-90F	YN90-230-90GF		1ph 230	50	0.66	570	1400	610	6
Y90-90F	Y90-90GF	90	3ph 380	50	0.31	1950	1350	640	/
			3ph 220	50	0.54	1940	1350	640	/

外形尺寸 | Dimensions

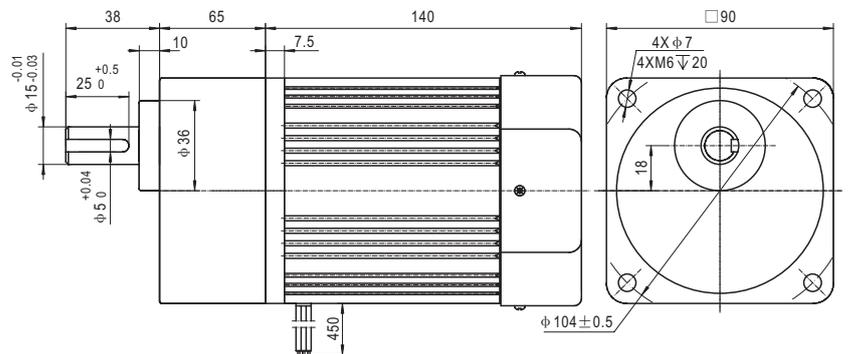
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-90F/90JB □ G1538-B



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio	转速 Speed																				
		3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
YN(Y)90-□-90F/	N.m	1.61	2.68	3.21	4.02	4.83	6.03	7.24	8.69	9.65	10.9	13.1	15.7	17.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	16.1	26.8	32.1	40.2	48.3	60.3	72.4	86.9	96.5	109	131	157	175	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio	转速 Speed																				
		3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
YN(Y)90-□-90F/	N.m	1.35	2.25	2.70	3.37	4.05	5.06	6.07	7.29	8.10	9.15	10.8	13.2	14.6	18.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	13.5	22.5	27	33.7	40.5	50.6	60.7	72.9	81	91.5	108	132	146	183	200	200	200	200	200	200	200

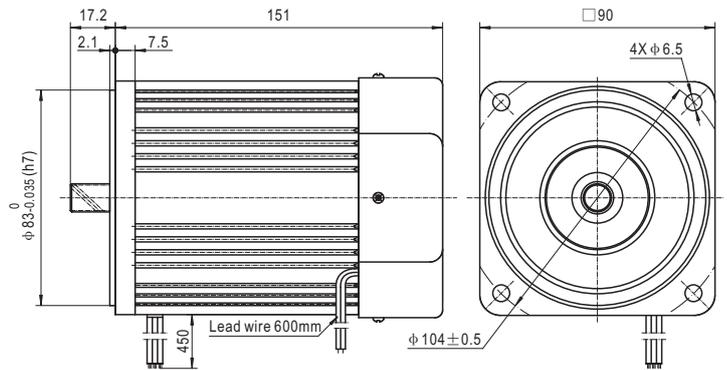
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“ ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. “ ” indicates the same rotating direction of motor while the others rotate in the opposite direction.

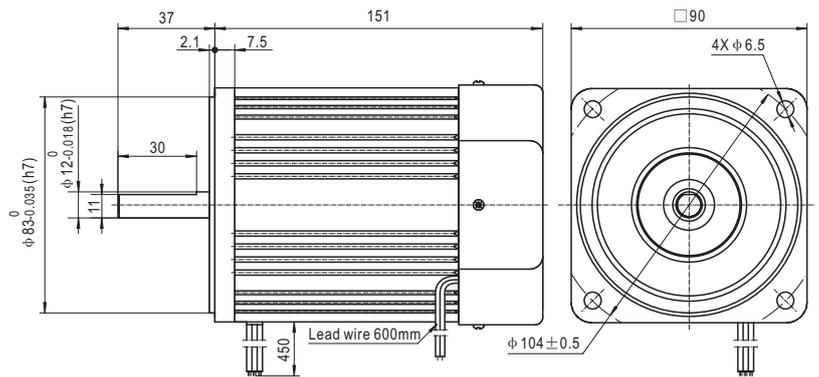
交流减速电机  
□ 90mm  
90W

外形尺寸 | Dimensions

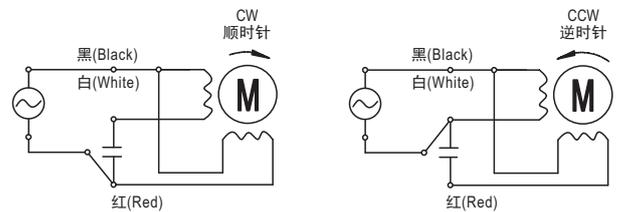
YN(Y)90-□-90CF



YN(Y)90-□-90GCF



接线图 | Connected Diagrams

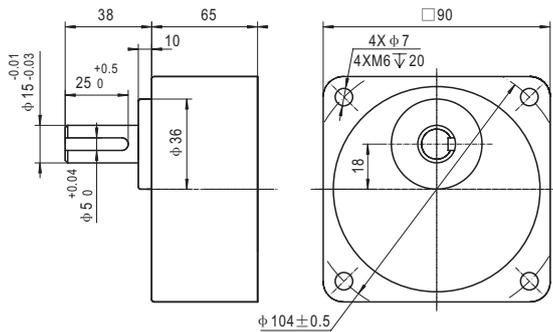


电机参数 | Specifications

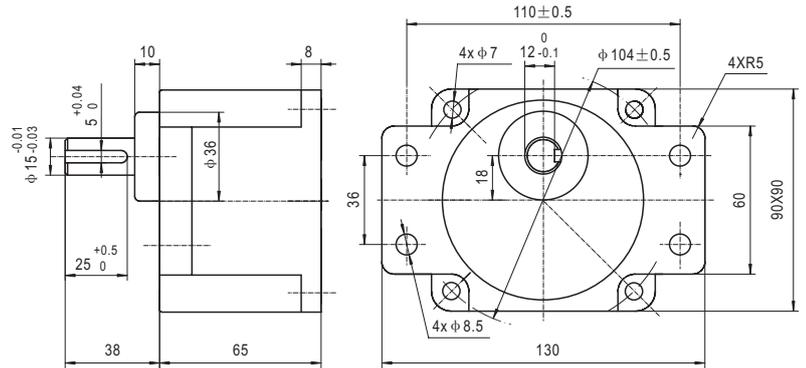
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-90CF	YN90-115-90GCF	90	1ph 115	60	1.5	580	1650	500	24
YN90-220-90CF	YN90-220-90GCF		1ph 220	50	0.64	530	1400	610	6
YN90-230-90CF	YN90-230-90GCF		1ph 230	50	0.66	570	1400	610	6
Y90-90CF	Y90-90GCF	90	3ph 380	50	0.31	1950	1350	640	/
			3ph 220	50	0.54	1940	1350	640	/

外形尺寸 | Dimensions

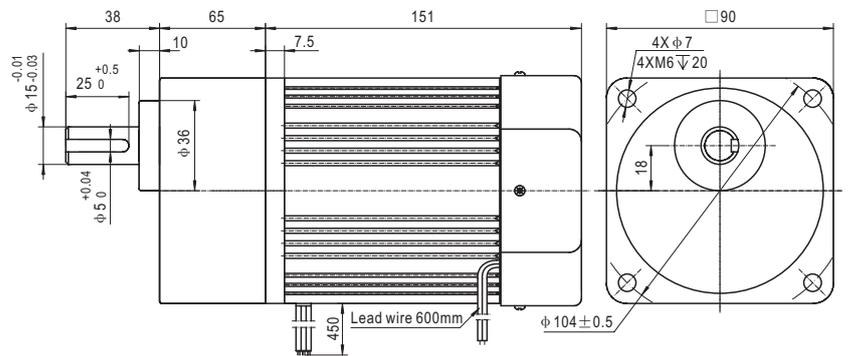
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-90F/90JB □ G1538-B



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-90F/	N.m	1.61	2.68	3.21	4.02	4.83	6.03	7.24	8.69	9.65	10.9	13.1	15.7	17.5	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	16.1	26.8	32.1	40.2	48.3	60.3	72.4	86.9	96.5	109	131	157	175	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-90F/	N.m	1.35	2.25	2.70	3.37	4.05	5.06	6.07	7.29	8.10	9.15	10.8	13.2	14.6	18.3	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	13.5	22.5	27	33.7	40.5	50.6	60.7	72.9	81	91.5	108	132	146	183	200	200	200	200	200	200	200

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

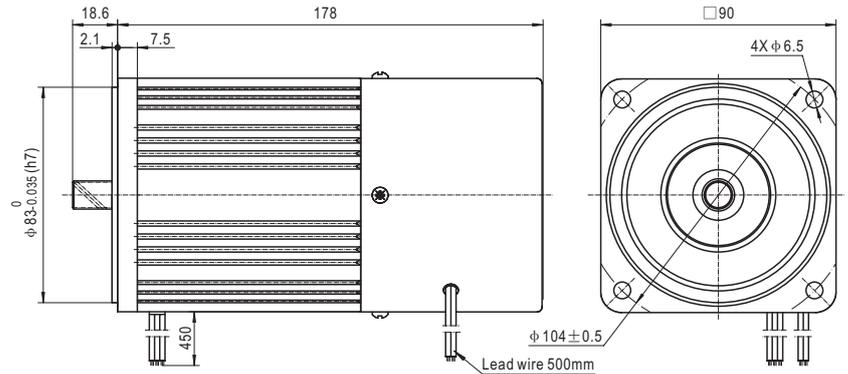
交流减速电机

□ 90mm

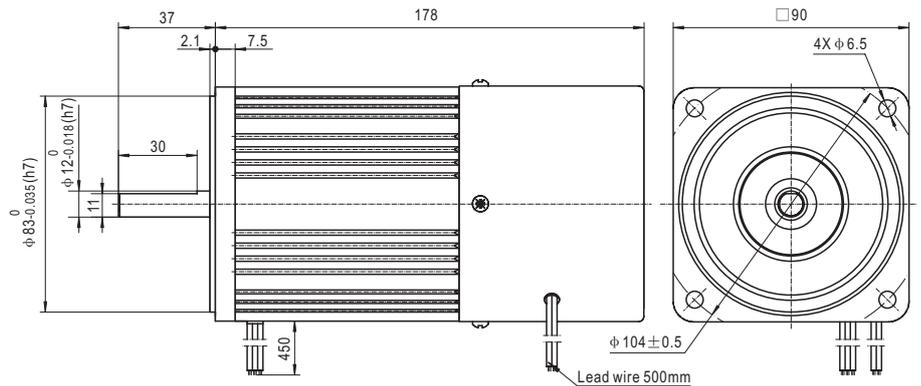
90W

外形尺寸 | Dimensions

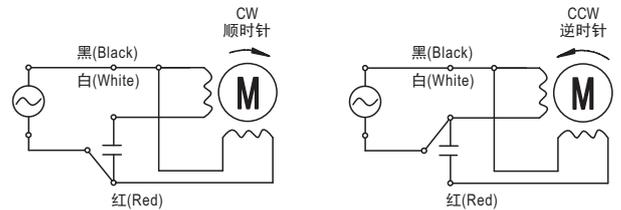
YN(Y)90-□-90D



YN(Y)90-□-90GD



接线图 | Connected Diagrams

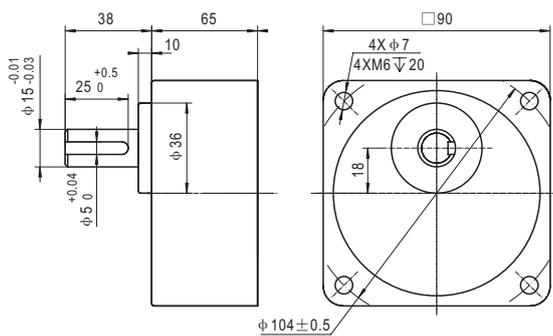


电机参数 | Specifications

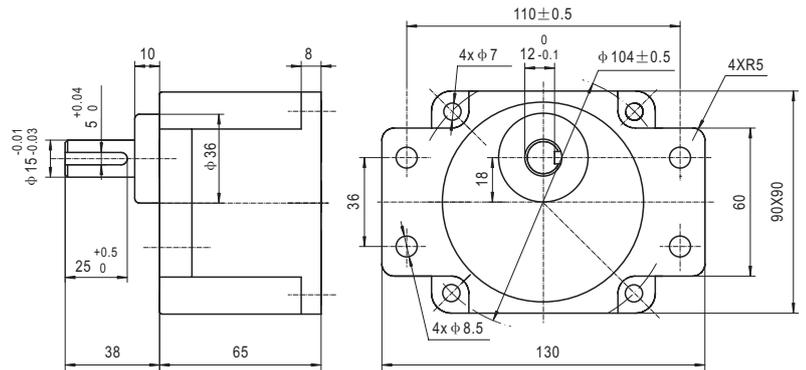
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-90D	YN90-115-90GD	90	1ph 115	60	1.5	580	1650	500	24
YN90-220-90D	YN90-220-90GD		1ph 220	50	0.64	530	1400	610	6
YN90-230-90D	YN90-230-90GD		1ph 230	50	0.66	570	1400	610	6
Y90-90D	Y90-90GD	90	3ph 380	50	0.31	1950	1350	640	/
			3ph 220	50	0.54	1940	1350	640	/

外形尺寸 | Dimensions

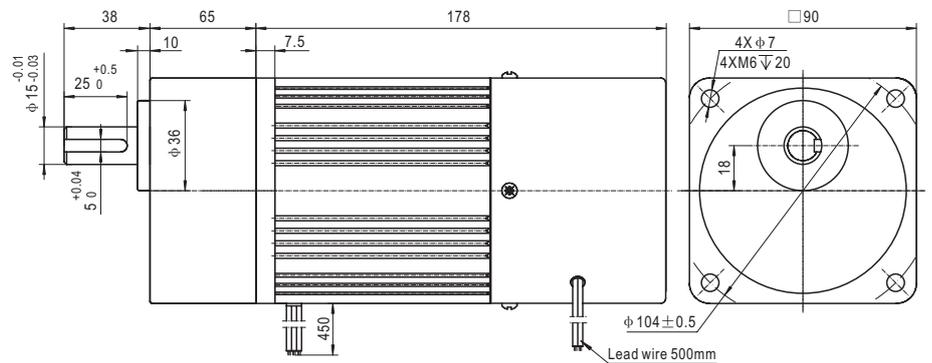
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-90D/90JB □ G1538-B



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-90D/ 90JB □ G1538-B(E)	N.m	1.61	2.68	3.21	4.02	4.83	6.03	7.24	8.69	9.65	10.9	13.1	15.7	17.5	20.0	20.0	20.0	20.0	20.0	20.0
	kgfcm	16.1	26.8	32.1	40.2	48.3	60.3	72.4	86.9	96.5	109	131	157	175	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-90D/ 90JB □ G1538-B(E)	N.m	1.35	2.25	2.70	3.37	4.05	5.06	6.07	7.29	8.10	9.15	10.8	13.2	14.6	18.3	20.0	20.0	20.0	20.0	20.0
	kgfcm	13.5	22.5	27	33.7	40.5	50.6	60.7	72.9	81	91.5	108	132	146	183	200	200	200	200	200	200	200

● 表中转速是电动机的同步转速 (50Hz:1500r/mim;60Hz:1800r/mim) 除以减速比得到的数值, 在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同, 其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. “  ” indicates the same rotating direction of motor while the others rotate in the opposite direction.

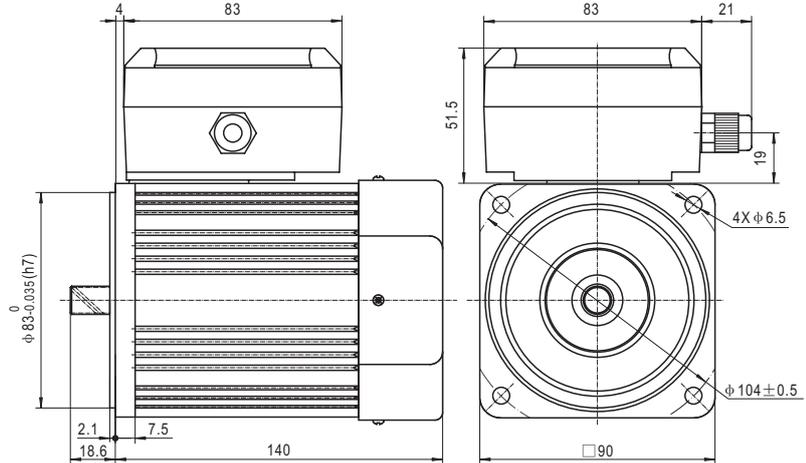
交流减速电机

□ 90mm

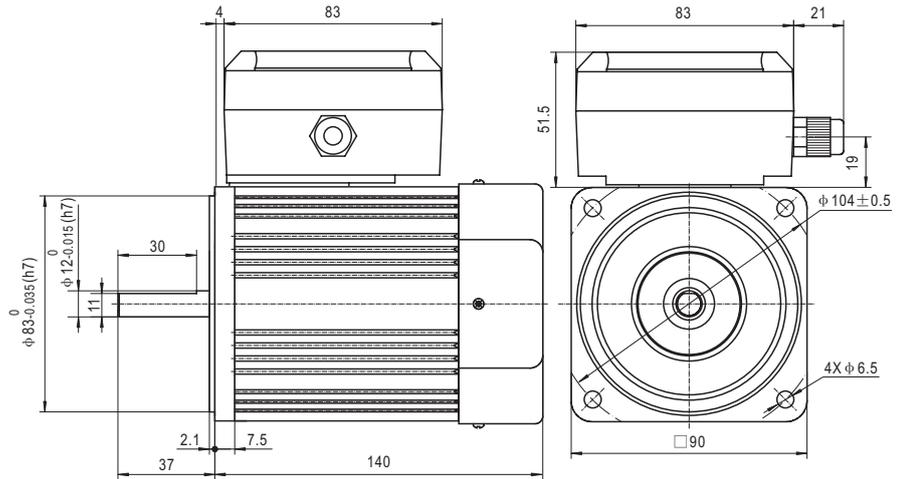
90W

外形尺寸 | Dimensions

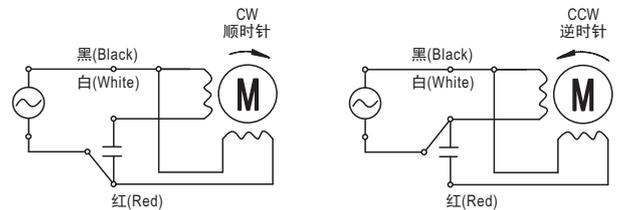
YN(Y)90-□-90FJ



YN(Y)90-□-90GFJ



接线图 | Connected Diagrams

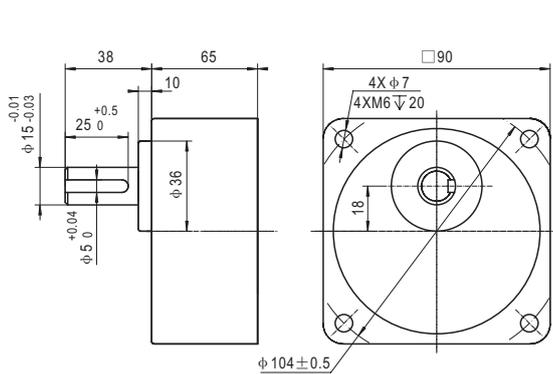


电机参数 | Specifications

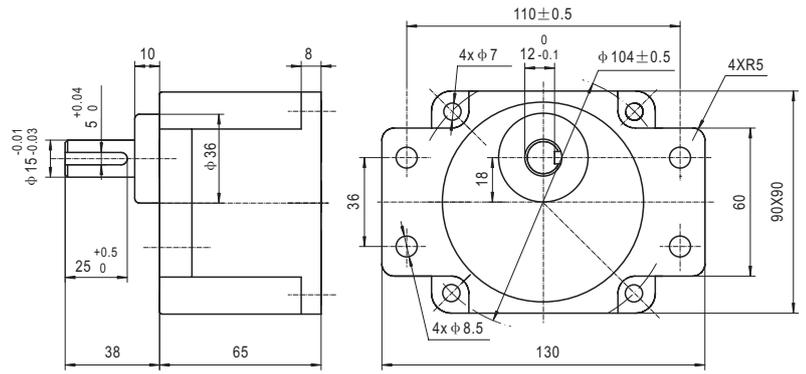
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-90FJ	YN90-115-90GFJ	90	1ph 115	60	1.5	580	1650	500	24
YN90-220-90FJ	YN90-220-90GFJ		1ph 220	50	0.64	530	1400	610	6
YN90-230-90FJ	YN90-230-90GFJ		1ph 230	50	0.66	570	1400	610	6
Y90-90FJ	Y90-90GFJ	90	3ph 380	50	0.31	1950	1350	640	/
			3ph 220	50	0.54	1940	1350	640	/

外形尺寸 | Dimensions

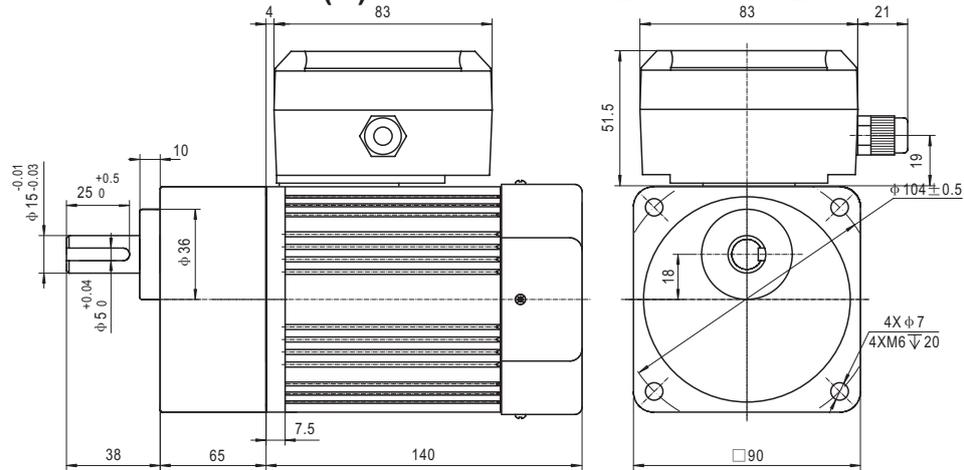
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-90FJ/90JB □ G1538-B



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-90FJ/	N.m	1.61	2.68	3.21	4.02	4.83	6.03	7.24	8.69	9.65	10.9	13.1	15.7	17.5	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	16.1	26.8	32.1	40.2	48.3	60.3	72.4	86.9	96.5	109	131	157	175	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-90FJ/	N.m	1.35	2.25	2.70	3.37	4.05	5.06	6.07	7.29	8.10	9.15	10.8	13.2	14.6	18.3	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	13.5	22.5	27	33.7	40.5	50.6	60.7	72.9	81	91.5	108	132	146	183	200	200	200	200	200	200	200

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

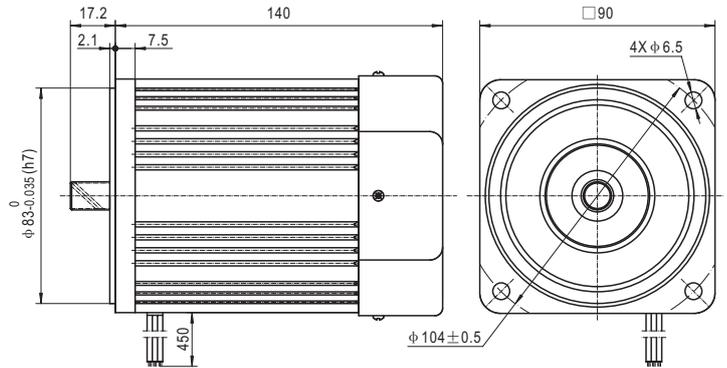
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. “  ” indicates the same rotating direction of motor while the others rotate in the opposite direction.

交流减速电机

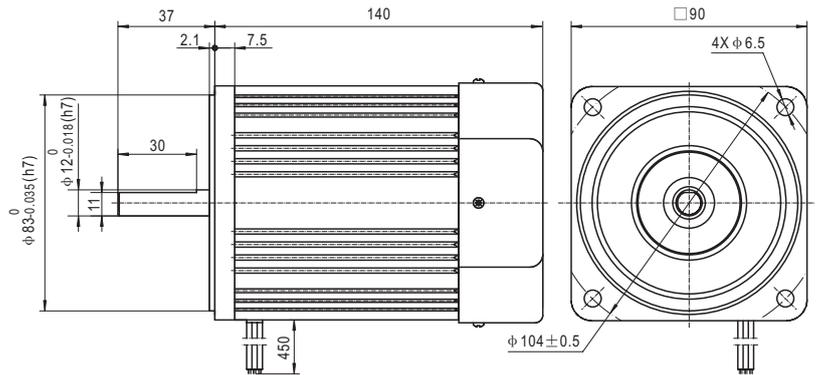
□ 90mm  
120W

外形尺寸 | Dimensions

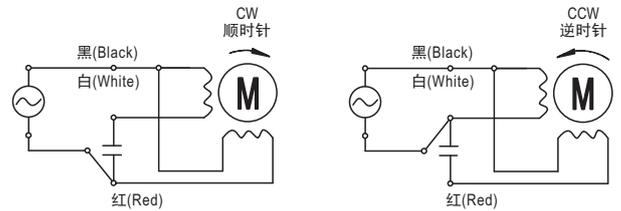
YN(Y)90-□-120F



YN(Y)90-□-120GF



接线图 | Connected Diagrams

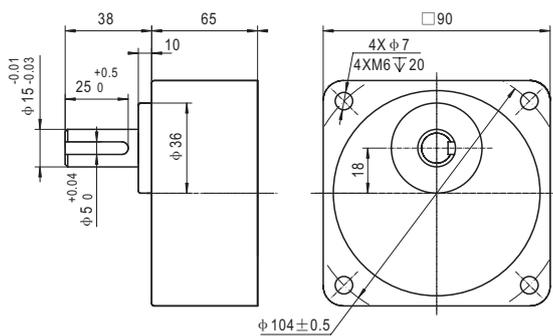


电机参数 | Specifications

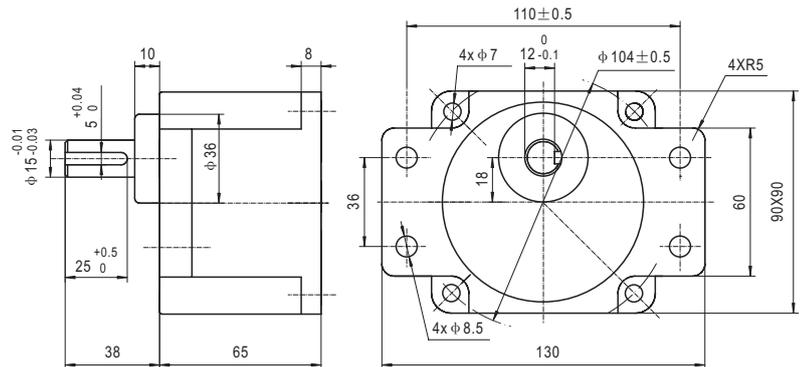
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-120F	YN90-115-120GF	120	1ph 115	60	2.0	620	1650	680	28
YN90-220-120F	YN90-220-120GF		1ph 220	50	0.8	720	1400	820	7
YN90-230-120F	YN90-230-120GF		1ph 230	50	0.82	680	1400	820	7
Y90-120F	Y90-120GF	120	3ph 380	50	0.4	2440	1300	880	/
			3ph 220	50	0.68	2430	1300	880	/

外形尺寸 | Dimensions

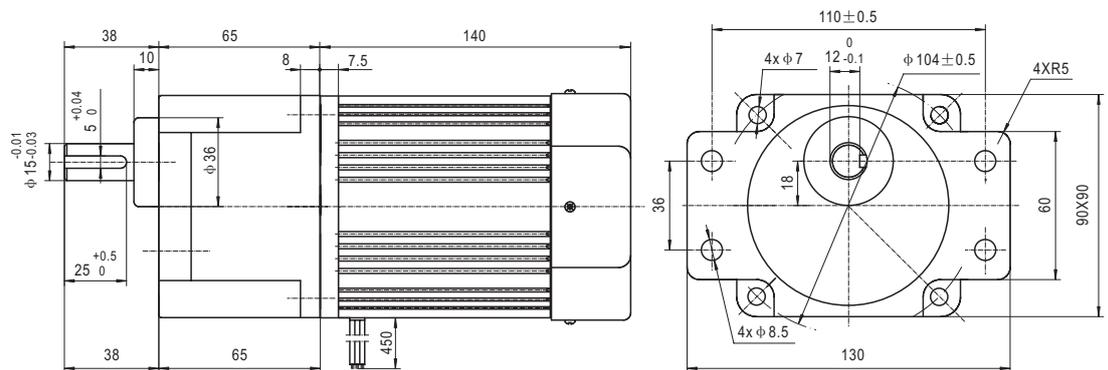
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-120F/90JB □ G1538-BE



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120F/	N.m	2.14	3.57	4.28	5.36	6.44	8.04	9.65	11.6	12.9	14.6	17.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	21.4	35.7	42.8	53.6	64.4	80.4	96.5	116	129	146	175	200	200	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120F/	N.m	1.80	3.00	3.59	4.49	5.40	6.75	8.10	9.72	10.8	12.2	14.6	17.6	19.5	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	18	30	35.9	44.9	54	67.5	81	97.2	108	122	146	176	195	200	200	200	200	200	200	200	200

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

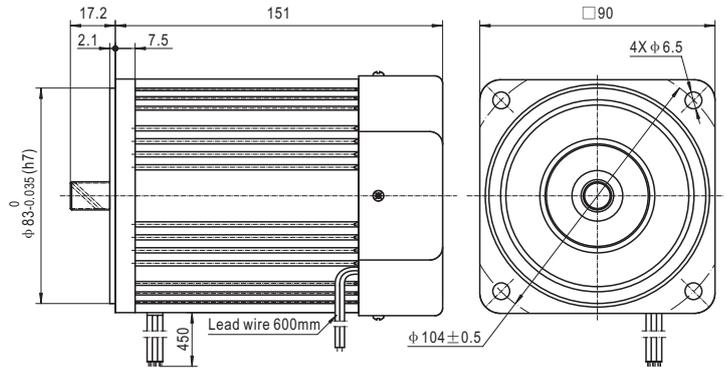
交流减速电机

□ 90mm

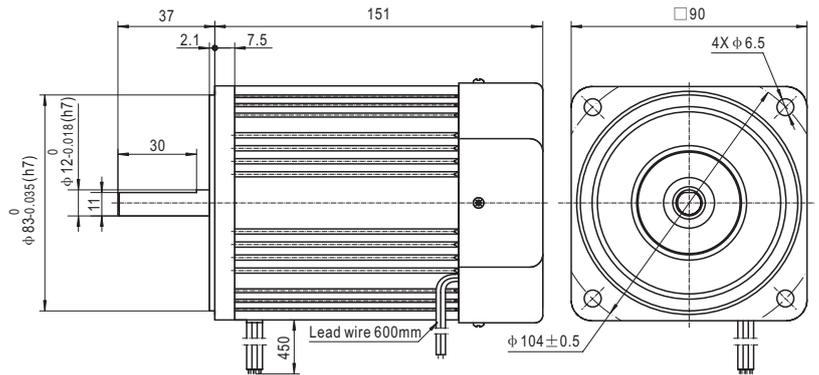
120W

外形尺寸 | Dimensions

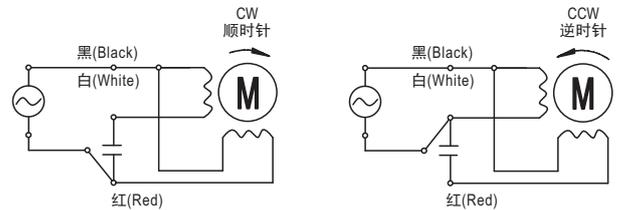
YN(Y)90-□-120CF



YN(Y)90-□-120GCF



接线图 | Connected Diagrams

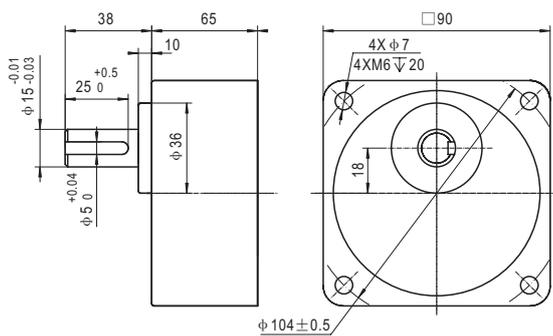


电机参数 | Specifications

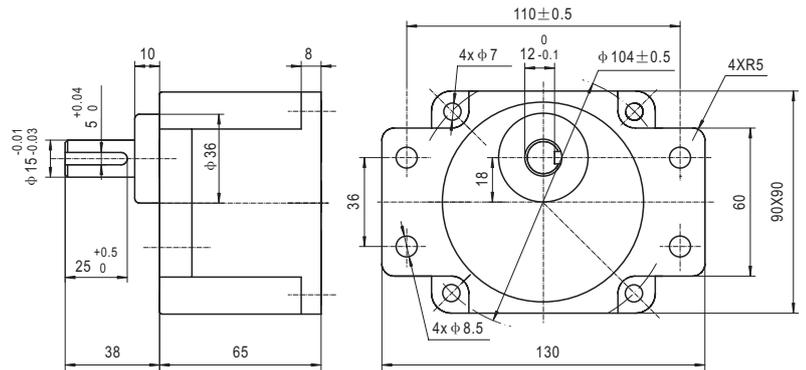
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齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-120CF	YN90-115-120GCF	120	1ph 115	60	2.0	620	1650	680	28
YN90-220-120CF	YN90-220-120GCF		1ph 220	50	0.8	720	1400	820	7
YN90-230-120CF	YN90-230-120GCF		1ph 230	50	0.82	680	1400	820	7
Y90-120CF	Y90-120GCF	120	3ph 380	50	0.4	2440	1300	880	/
			3ph 220	50	0.68	2430	1300	880	/

外形尺寸 | Dimensions

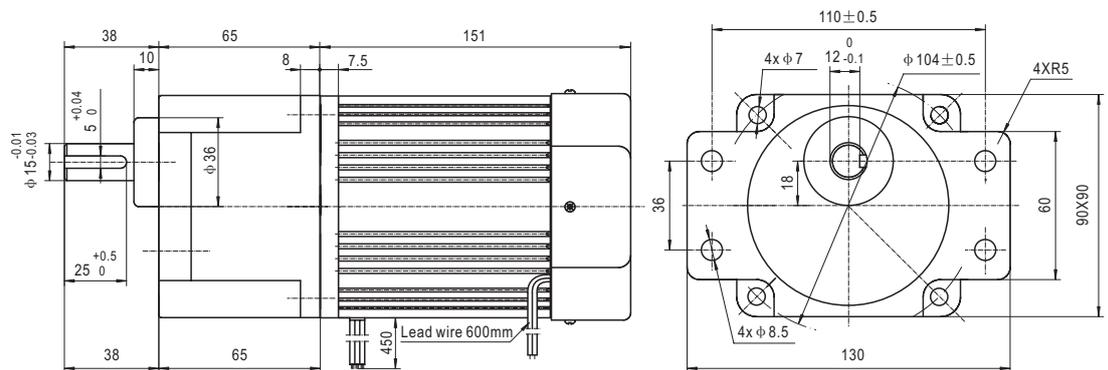
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-120CF/90JB □ G1538-BE



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120CF/ 90JB □ G1538-B(E)	N.m	2.14	3.57	4.28	5.36	6.44	8.04	9.65	11.6	12.9	14.6	17.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	kgfcm	21.4	35.7	42.8	53.6	64.4	80.4	96.5	116	129	146	175	200	200	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120CF/ 90JB □ G1538-B(E)	N.m	1.80	3.00	3.59	4.49	5.40	6.75	8.10	9.72	10.8	12.2	14.6	17.6	19.5	20.0	20.0	20.0	20.0	20.0	20.0
	kgfcm	18	30	35.9	44.9	54	67.5	81	97.2	108	122	146	176	195	200	200	200	200	200	200	200	200

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

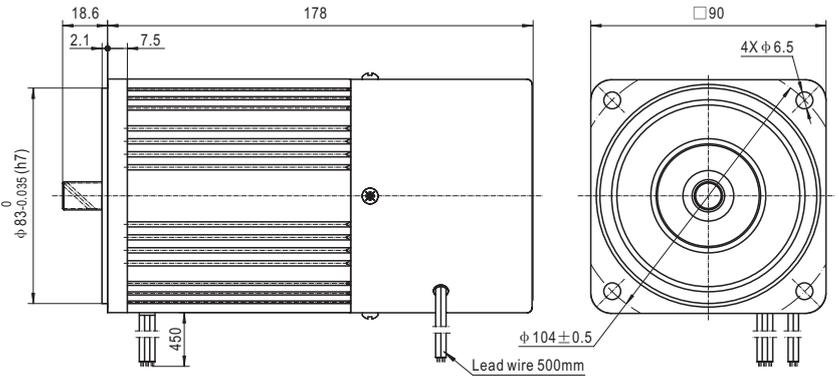
交流减速电机

□ 90mm

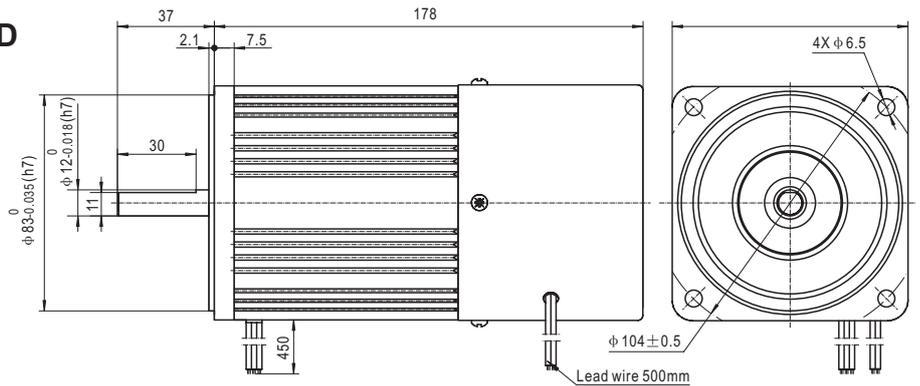
120W

外形尺寸 | Dimensions

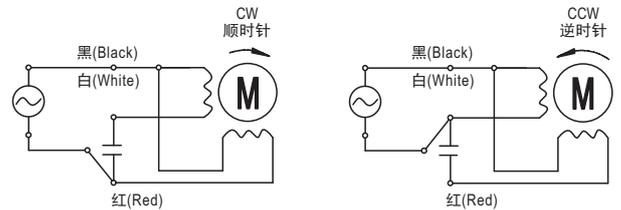
YN(Y)90-□-120D



YN(Y)90-□-120GD



接线图 | Connected Diagrams

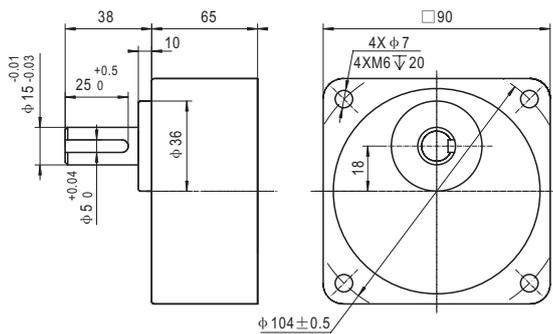


电机参数 | Specifications

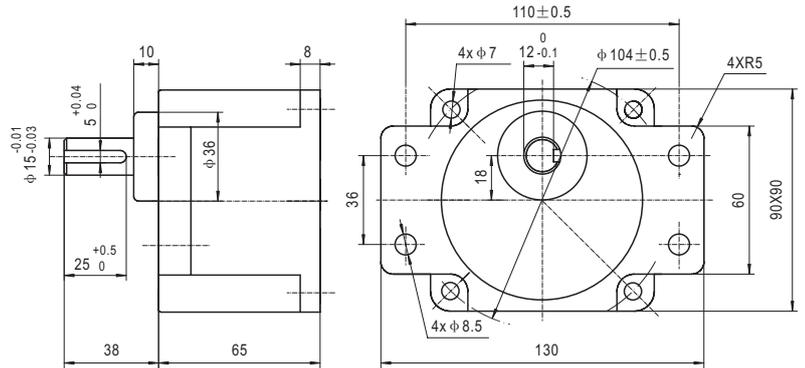
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-120D	YN90-115-120GD	120	1ph 115	60	2.0	620	1650	680	28
YN90-220-120D	YN90-220-120GD		1ph 220	50	0.8	720	1400	820	7
YN90-230-120D	YN90-230-120GD		1ph 230	50	0.82	680	1400	820	7
Y90-120D	Y90-120GD	120	3ph 380	50	0.4	2440	1300	880	/
			3ph 220	50	0.68	2430	1300	880	/

外形尺寸 | Dimensions

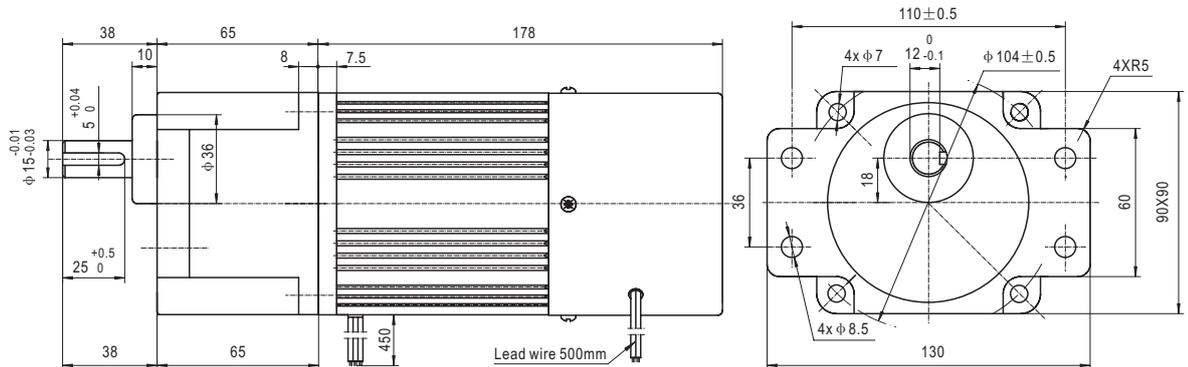
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-120D/90JB □ G1538-BE



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120F/	N.m	2.14	3.57	4.28	5.36	6.44	8.04	9.65	11.6	12.9	14.6	17.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	21.4	35.7	42.8	53.6	64.4	80.4	96.5	116	129	146	175	200	200	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120F/	N.m	1.80	3.00	3.59	4.49	5.40	6.75	8.10	9.72	10.8	12.2	14.6	17.6	19.5	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	18	30	35.9	44.9	54	67.5	81	97.2	108	122	146	176	195	200	200	200	200	200	200	200	200

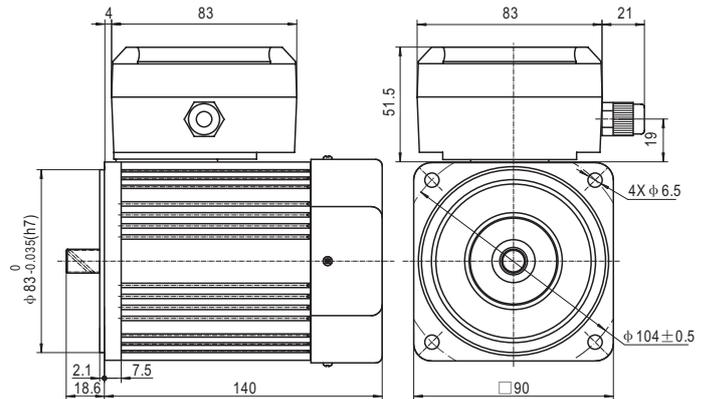
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

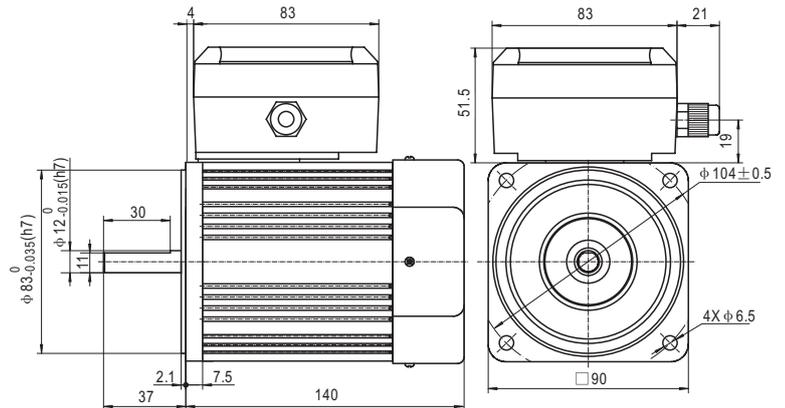
交流减速电机  
□ 90mm  
120W

外形尺寸 | Dimensions

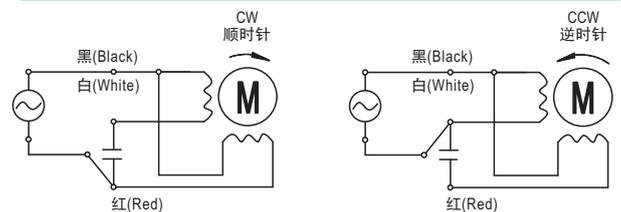
YN(Y)90-□-120FJ



YN(Y)90-□-120GFJ



接线图 | Connected Diagrams

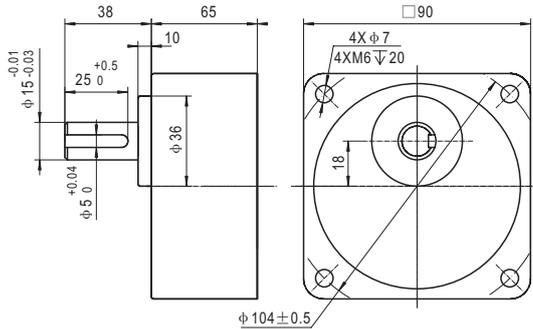


电机参数 | Specifications

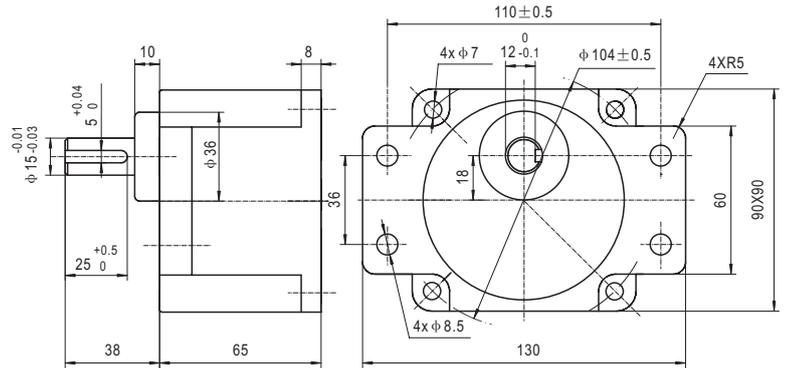
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μ F
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-120FJ	YN90-115-120GFJ	120	1ph 115	60	2.0	620	1650	680	28
YN90-220-120FJ	YN90-220-120GFJ		1ph 220	50	0.8	720	1400	820	7
YN90-230-120FJ	YN90-230-120GFJ		1ph 230	50	0.82	680	1400	820	7
Y90-120FJ	Y90-120GFJ	120	3ph 380	50	0.4	2440	1300	880	/
			3ph 220	50	0.68	2430	1300	880	/

外形尺寸 | Dimensions

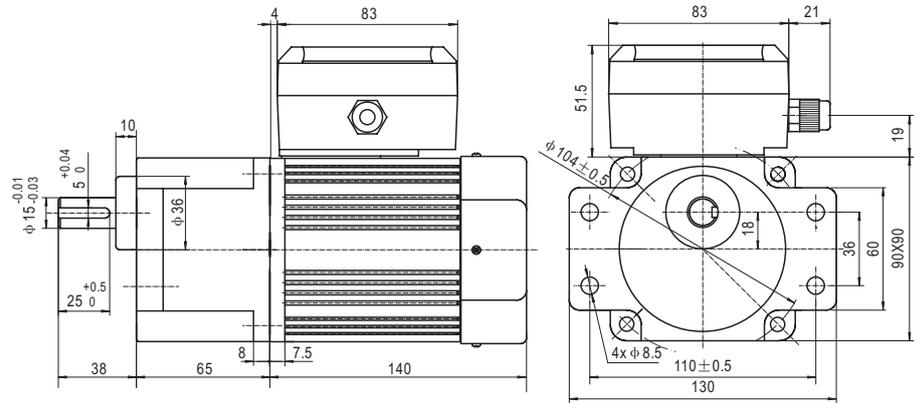
90JB □ G1538-B



90JB □ G1538-BE



YN(Y)90-□-120FJ/90JB □ G1538-BE



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120FJ/	N.m	2.14	3.57	4.28	5.36	6.44	8.04	9.65	11.6	12.9	14.6	17.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	21.4	35.7	42.8	53.6	64.4	80.4	96.5	116	129	146	175	200	200	200	200	200	200	200	200	200	200

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-120FJ/	N.m	1.80	3.00	3.59	4.49	5.40	6.75	8.10	9.72	10.8	12.2	14.6	17.6	19.5	20.0	20.0	20.0	20.0	20.0	20.0
90JB □ G1538-B(E)	kgfcm	18	30	35.9	44.9	54	67.5	81	97.2	108	122	146	176	195	200	200	200	200	200	200	200	200

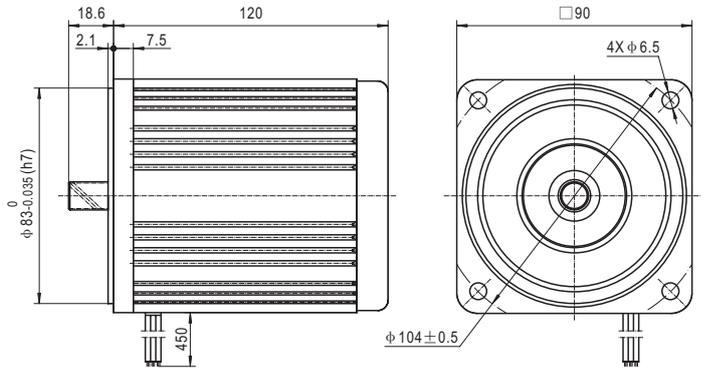
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“    ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "    " indicates the same rotating direction of motor while the others rotate in the opposite direction.

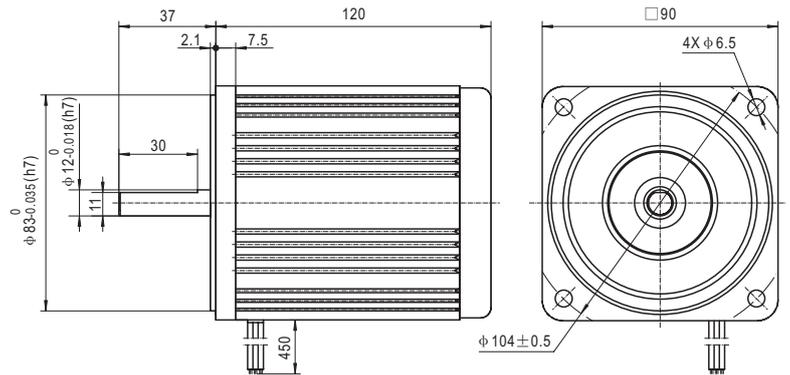
交流减速电机  
□ 90mm  
40W

外形尺寸 | Dimensions

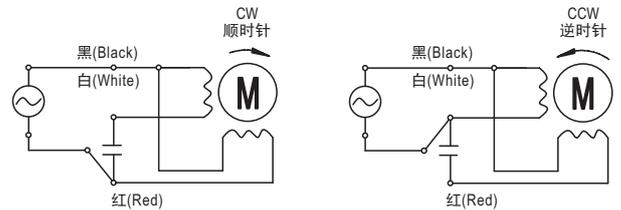
YN(Y)90-□-40



YN(Y)90-□-40G



接线图 | Connected Diagrams

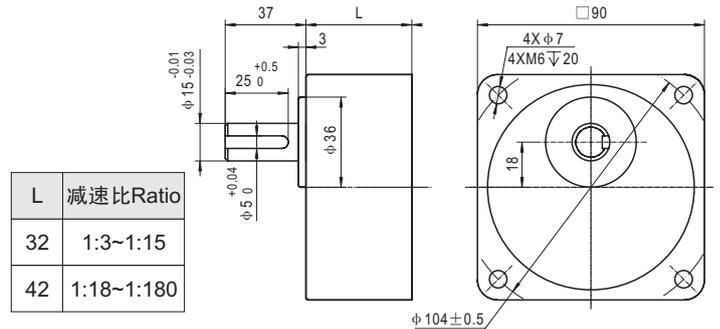


电机参数 | Specifications

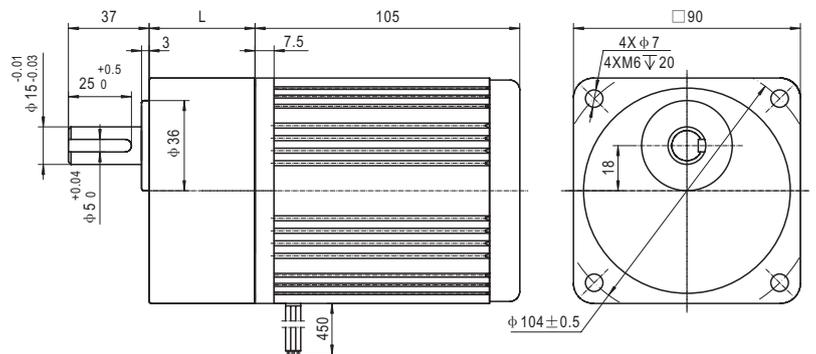
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 μ F
齿轮轴型 Pinion	光轴型 Round Shaft								
YN90-115-40	YN90-115-40G	40	1ph 115	60	0.63	250	1650	220	10
YN90-220-40	YN90-220-40G		1ph 220	50	0.31	200	1400	270	2.5
YN90-230-40	YN90-230-40G		1ph 230	50	0.32	220	1400	270	2.5
Y90-40	Y90-40G	40	3ph 380	50	0.14	990	1300	300	/
			3ph 220	50	0.30	980	1300	300	/

外形尺寸 | Dimensions

90JB □ G1532-X



YN(Y)90-□-40/90JB □ G1532-X



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-40/ 90JB □ G1532-X	N.m	0.79	1.19	1.43	1.79	2.38	2.96	3.57	3.86	4.29	5.36	6.44	7.72	7.76	9.70	10.0	10.0	10.0	10.0	10.0
	kgfcm	7.9	11.9	14.3	17.9	23.8	29.6	35.7	38.6	42.9	53.6	64.4	77.2	77.6	97	100	100	100	100	100	100	100

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)90-□-40/ 90JB □ G1532-X	N.m	0.67	1.00	1.20	1.50	2.00	2.50	3.00	3.24	3.60	4.50	5.40	6.48	6.51	8.13	9.8	10.0	10.0	10.0	10.0
	kgfcm	6.7	10	12	15	20	25	30	32.4	36	45	54	64.8	65.1	81.3	98	100	100	100	100	100	100

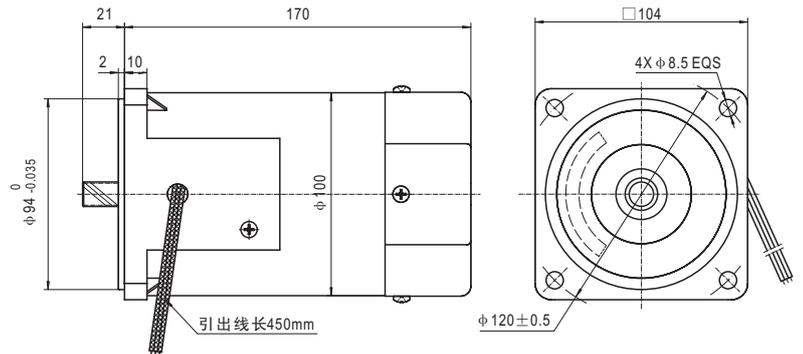
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“ ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. " " indicates the same rotating direction of motor while the others rotate in the opposite direction.

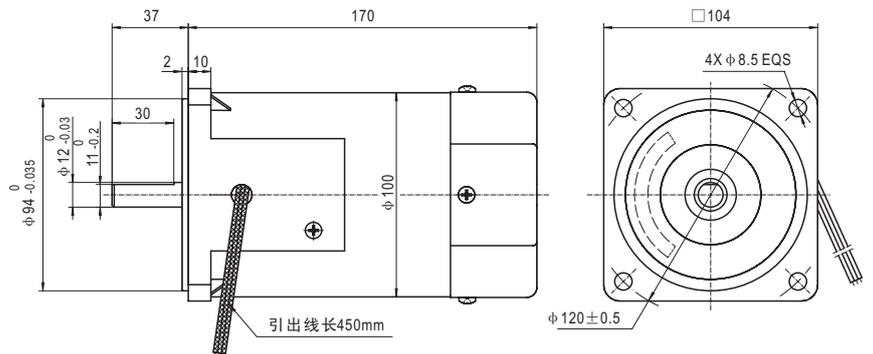
交流减速电机  
□100mm  
120W

外形尺寸 | Dimensions

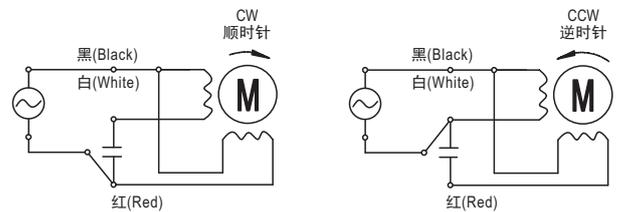
YN(Y)100-□-120F



YN(Y)100-□-120GF



接线图 | Connected Diagrams



电机参数 | Specifications

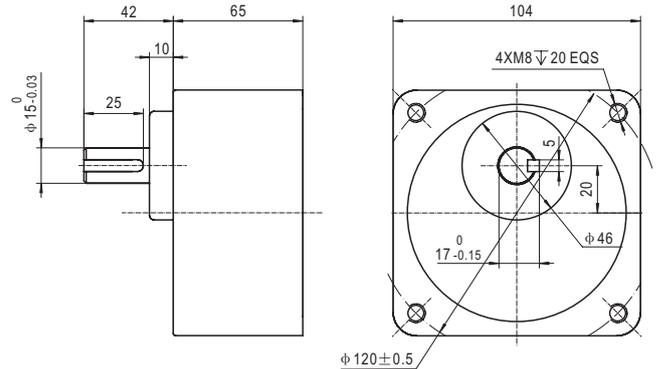
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN100-115-120F	YN100-115-120GF	120	1ph 115	60	1.6	600	1500	760	20
YN100-220-120F	YN100-220-120GF		1ph 220	50	0.85	985	1300	880	8
YN100-230-120F	YN100-230-120GF		1ph 230	50	0.85	1070	1300	880	8
Y100-120F	Y100-120GF	120	3ph 380	50	0.8	3000	1300	900	/
			3ph 220	50	0.44	3000	1300	900	/

交流减速电机  
□ 100mm  
120W

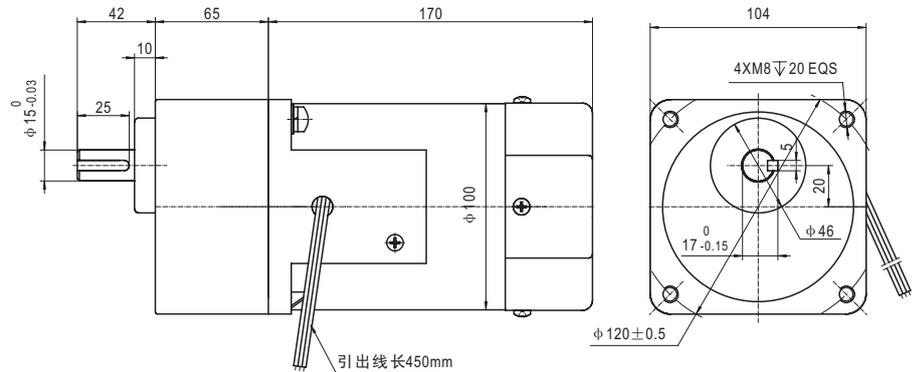
外形尺寸 | Dimensions

104JB□

104JB□ G1542



YN(Y)100-□-120F/104JB□ G1542



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)100-□-120F	N.m	2.14	3.57	4.28	5.36	6.44	8.04	9.65	11.6	12.9	16.1	19.3	23.2	25.7	29.1	34.9	40.0	40.0	40.0	40.0
/104JB□ G1542	kgfcm	21.4	35.7	42.8	53.6	64.4	80.4	96.5	116	129	161	193	232	257	291	349	400	400	400	400	400	400

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN100-□-120F	N.m	1.80	3.00	3.59	4.49	5.40	6.75	8.10	9.72	10.8	13.5	16.2	19.4	21.6	24.4	29.3	36.6	40.0	40.0	40.0
/104JB□ G1542	kgfcm	18	30	35.9	44.9	54	67.5	81	97.2	108	135	162	194	216	244	293	366	400	400	400	400	400

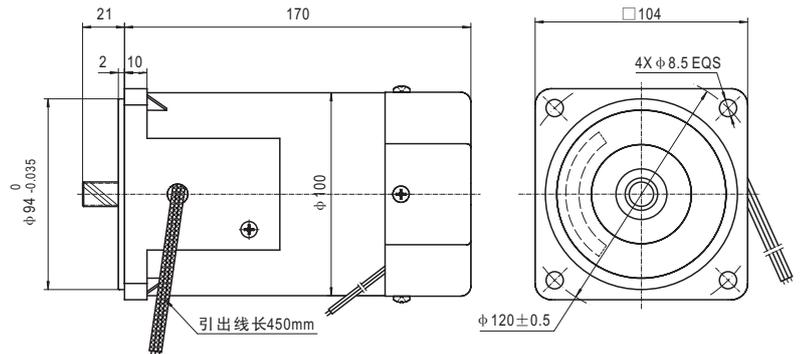
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%~98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

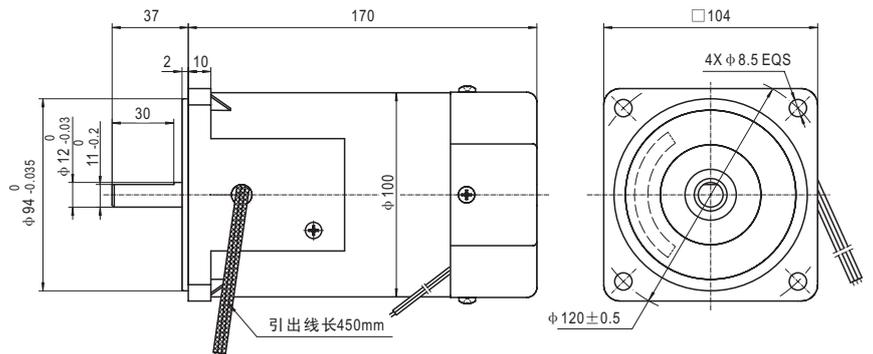
交流减速电机  
□ 100mm  
120W

外形尺寸 | Dimensions

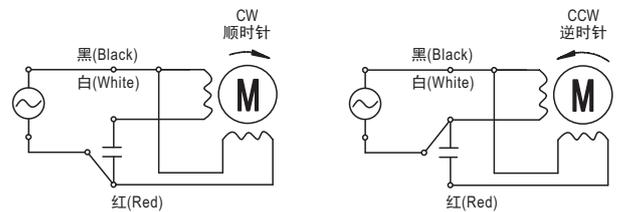
YN(Y)100-□-120CF



YN(Y)100-□-120GCF



接线图 | Connected Diagrams

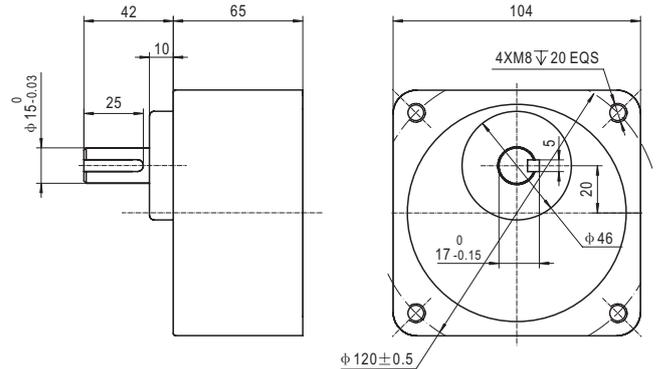


电机参数 | Specifications

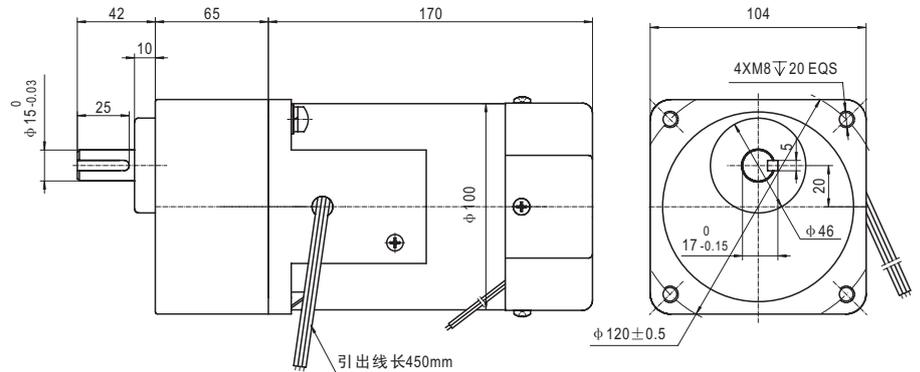
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN100-115-120CF	YN100-115-120GCF	120	1ph 115	60	1.6	600	1500	760	20
YN100-220-120CF	YN100-220-120GCF		1ph 220	50	0.85	985	1300	880	8
YN100-230-120CF	YN100-230-120GCF		1ph 230	50	0.85	1070	1300	880	8
Y100-120CF	Y100-120GCF	120	3ph 380	50	0.8	3000	1300	900	/
			3ph 220	50	0.44	3000	1300	900	/

外形尺寸 | Dimensions

104JB □ G1542



YN(Y)100-□-120CF/104JB □ G1542



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)100-□-120CF	N.m	2.14	3.57	4.28	5.36	6.44	8.04	9.65	11.6	12.9	16.1	19.3	23.2	25.7	29.1	34.9	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	21.4	35.7	42.8	53.6	64.4	80.4	96.5	116	129	161	193	232	257	291	349	400	400	400	400	400	400

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN100-□-120CF	N.m	1.80	3.00	3.59	4.49	5.40	6.75	8.10	9.72	10.8	13.5	16.2	19.4	21.6	24.4	29.3	36.6	40.0	40.0	40.0
/104JB □ G1542	kgfcm	18	30	35.9	44.9	54	67.5	81	97.2	108	135	162	194	216	244	293	366	400	400	400	400	400

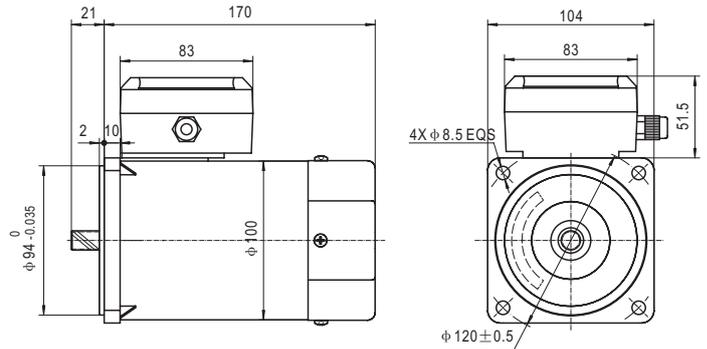
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

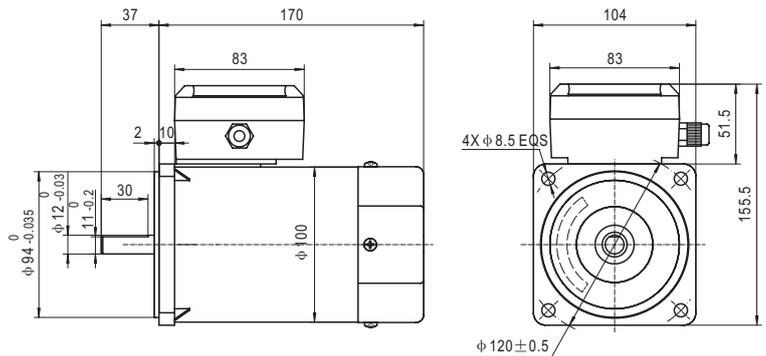
交流减速电机  
□ 100mm  
120W

外形尺寸 | Dimensions

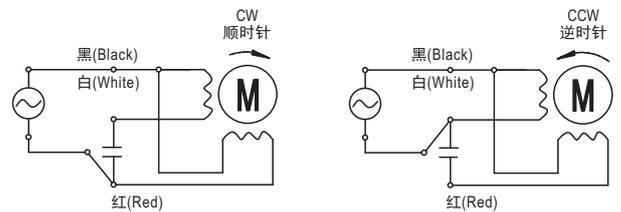
YN(Y)100-□-120FJ



YN(Y)100-□-120GFJ



接线图 | Connected Diagrams

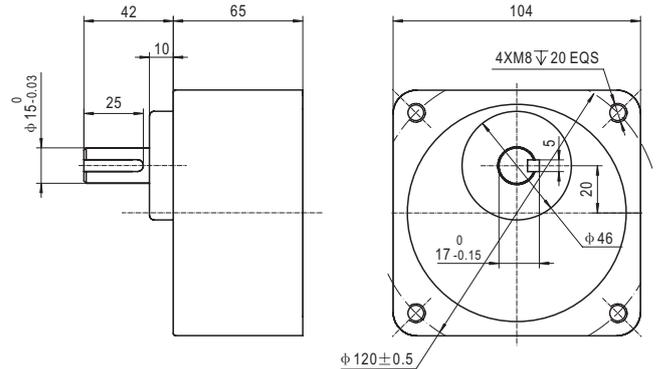


电机参数 | Specifications

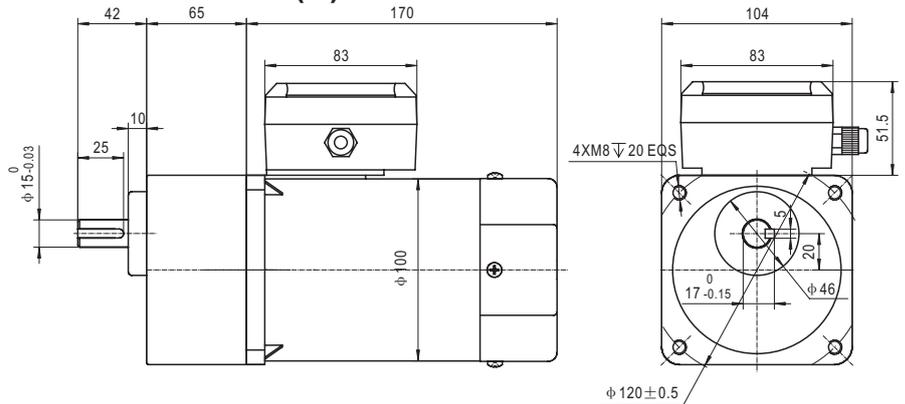
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN100-115-120FJ	YN100-115-120GFJ	120	1ph 115	60	1.6	600	1500	760	20
YN100-220-120FJ	YN100-220-120GFJ		1ph 220	50	0.85	985	1300	880	8
YN100-230-120FJ	YN100-230-120GFJ		1ph 230	50	0.85	1070	1300	880	8
Y100-120FJ	Y100-120GFJ	120	3ph 380	50	0.8	3000	1300	900	/
			3ph 220	50	0.44	3000	1300	900	/

外形尺寸 | Dimensions

104JB □ G1542



YN(Y)100-□-120FJ/104JB □ G1542



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)100-□-120FJ	N.m	2.14	3.57	4.28	5.36	6.44	8.04	9.65	11.6	12.9	16.1	19.3	23.2	25.7	29.1	34.9	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	21.4	35.7	42.8	53.6	64.4	80.4	96.5	116	129	161	193	232	257	291	349	400	400	400	400	400	400

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN100-□-120FJ	N.m	1.80	3.00	3.59	4.49	5.40	6.75	8.10	9.72	10.8	13.5	16.2	19.4	21.6	24.4	29.3	36.6	40.0	40.0	40.0
/104JB □ G1542	kgfcm	18	30	35.9	44.9	54	67.5	81	97.2	108	135	162	194	216	244	293	366	400	400	400	400	400

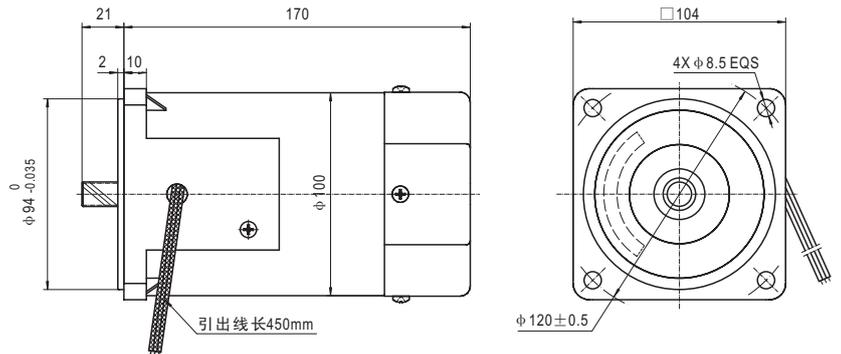
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“  ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "  " indicates the same rotating direction of motor while the others rotate in the opposite direction.

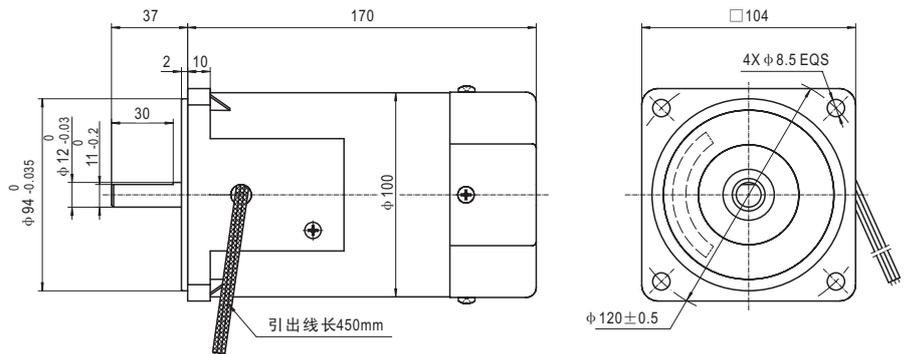
交流减速电机  
□100mm  
140W

外形尺寸 | Dimensions

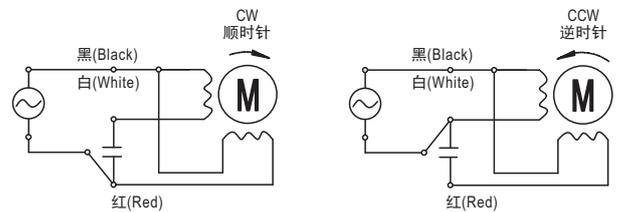
**YN(Y)100-□-140F**



**YN(Y)100-□-140GF**



接线图 | Connected Diagrams

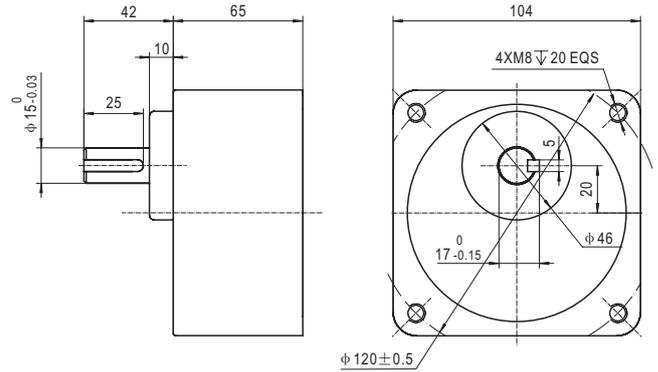


电机参数 | Specifications

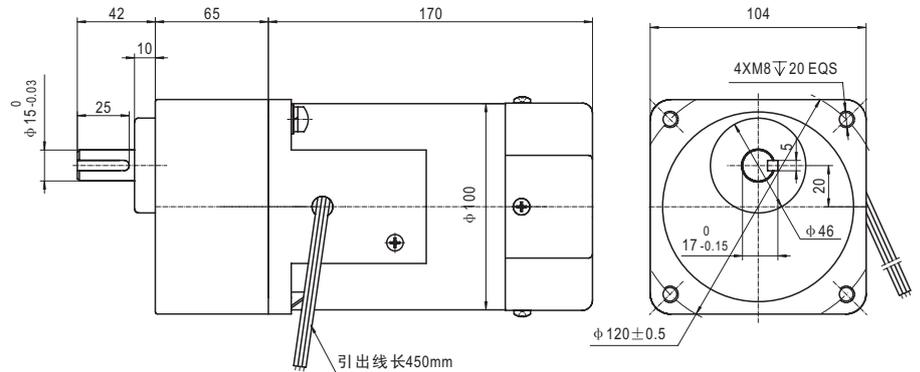
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN100-115-140F	YN100-115-140GF	140	1ph 115	60	2	750	1500	890	24
YN100-220-140F	YN100-220-140GF		1ph 220	50	1	850	1300	1000	8
YN100-230-140F	YN100-230-140GF		1ph 230	50	1	930	1300	1000	8
Y100-140F	Y100-140GF	140	3ph 380	50	0.85	3000	1250	1100	/
			3ph 220	50	0.5	3000	1250	1100	/

外形尺寸 | Dimensions

104JB □ G1542



YN(Y)100-□-140F/104JB □ G1542



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)100-□-140F	N.m	2.50	4.17	5.00	6.25	7.51	9.39	11.3	13.5	15.0	18.8	22.5	27.0	30.0	33.9	40.0	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	25	41.7	50	62.5	75.1	93.9	113	135	150	188	225	270	300	339	400	400	400	400	400	400	400

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN100-□-140F	N.m	2.10	3.49	4.19	5.24	6.30	7.87	9.45	11.3	12.6	15.7	18.9	22.7	25.2	28.5	34.2	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	21	34.9	41.9	52.4	63	78.7	94.5	113	126	157	189	227	252	285	342	400	400	400	400	400	400

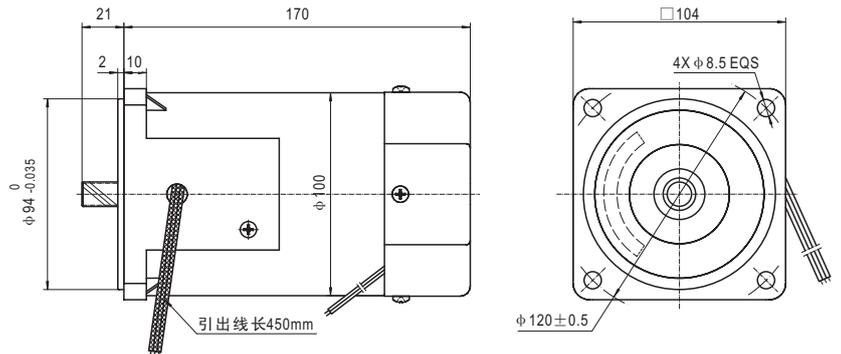
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

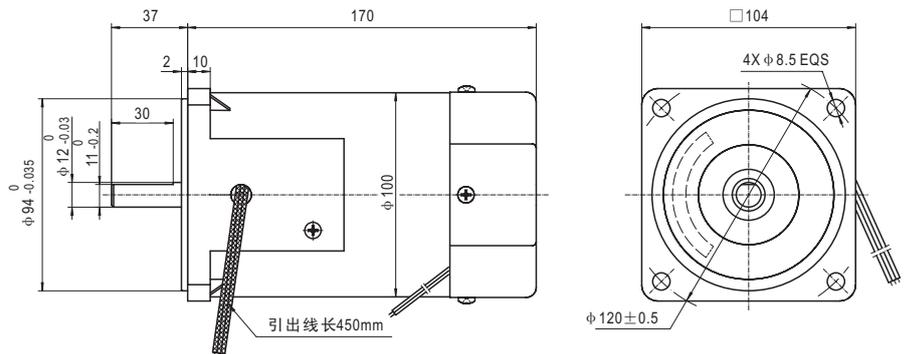
交流减速电机  
□100mm  
140W

外形尺寸 | Dimensions

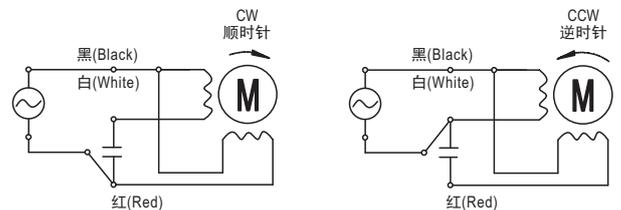
YN(Y)100-□-140CF



YN(Y)100-□-140GCF



接线图 | Connected Diagrams

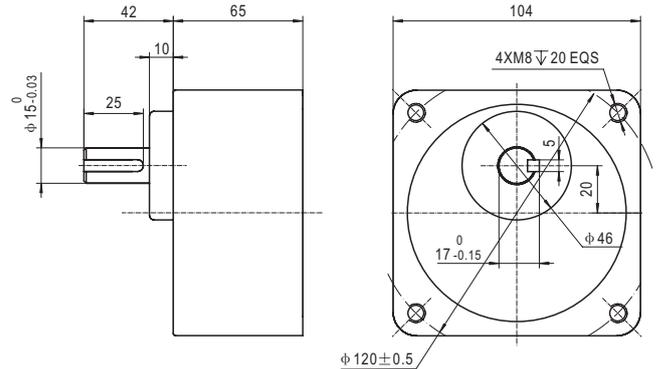


电机参数 | Specifications

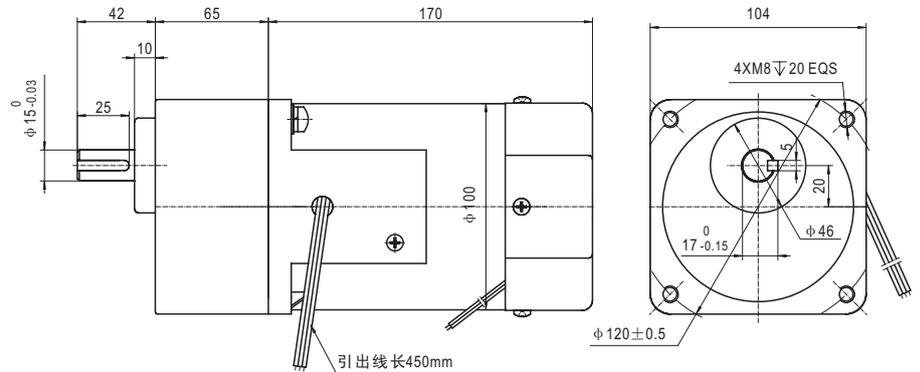
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN100-115-140CF	YN100-115-140GCF	140	1ph 115	60	2	750	1500	890	24
YN100-220-140CF	YN100-220-140GCF		1ph 220	50	1	850	1300	1000	8
YN100-230-140CF	YN100-230-140GCF		1ph 230	50	1	930	1300	1000	8
Y100-140CF	Y100-140GCF	140	3ph 380	50	0.85	3000	1250	1100	/
			3ph 220	50	0.5	3000	1250	1100	/

外形尺寸 | Dimensions

104JB □ G1542



YN(Y)100-□-140CF/104JB □ G1542



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)100-□-140CF	N.m	2.50	4.17	5.00	6.25	7.51	9.39	11.3	13.5	15.0	18.8	22.5	27.0	30.0	33.9	40.0	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	25	41.7	50	62.5	75.1	93.9	113	135	150	188	225	270	300	339	400	400	400	400	400	400	400

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN100-□-140CF	N.m	2.10	3.49	4.19	5.24	6.30	7.87	9.45	11.3	12.6	15.7	18.9	22.7	25.2	28.5	34.2	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	21	34.9	41.9	52.4	63	78.7	94.5	113	126	157	189	227	252	285	342	400	400	400	400	400	400

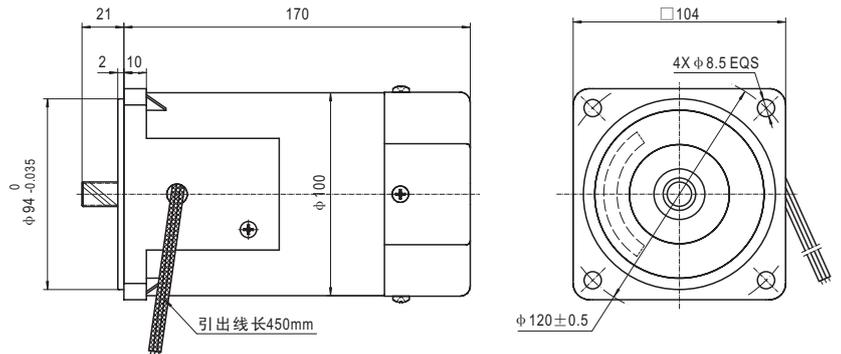
● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“ ”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. " " indicates the same rotating direction of motor while the others rotate in the opposite direction.

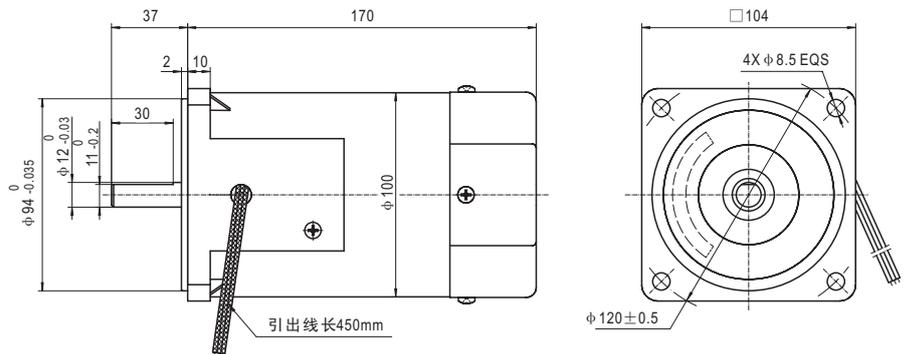
交流减速电机  
□100mm  
140W

外形尺寸 | Dimensions

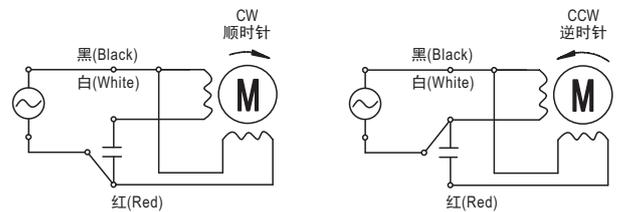
YN(Y)100-□-140FJ



YN(Y)100-□-140GFJ



接线图 | Connected Diagrams

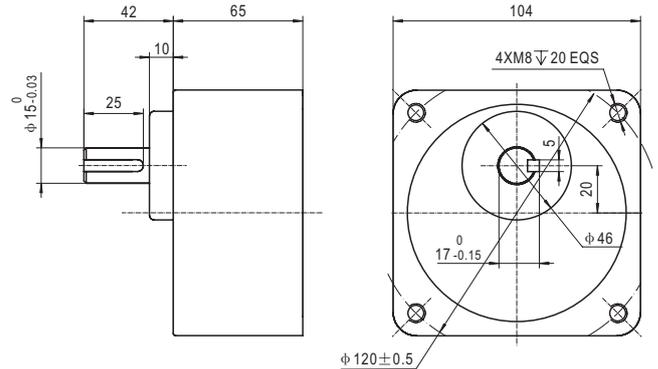


电机参数 | Specifications

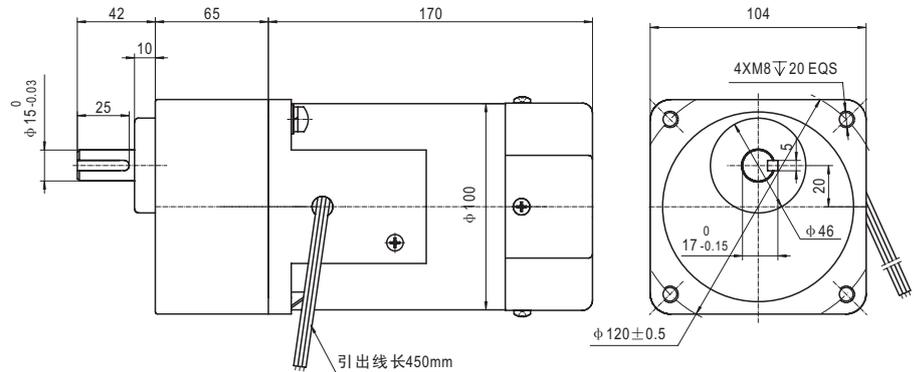
型号 Model		Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 mN.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 mN.m	Capacitor 电容 $\mu F$
齿轮轴型 Pinion	光轴型 Round Shaft								
YN100-115-140FJ	YN100-115-140GFJ	140	1ph 115	60	2	750	1500	890	24
YN100-220-140FJ	YN100-220-140GFJ		1ph 220	50	1	850	1300	1000	8
YN100-230-140FJ	YN100-230-140GFJ		1ph 230	50	1	930	1300	1000	8
Y100-140FJ	Y100-140GFJ	140	3ph 380	50	0.85	3000	1250	1100	/
			3ph 220	50	0.5	3000	1250	1100	/

外形尺寸 | Dimensions

104JB □ G1542



YN(Y)100-□ -140FJ/104JB □ G1542



带减速器后允许负载 | Load Permissible With Speed Reducer

● 50Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN(Y)100-□ -140FJ	N.m	2.50	4.17	5.00	6.25	7.51	9.39	11.3	13.5	15.0	18.8	22.5	27.0	30.0	33.9	40.0	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	25	41.7	50	62.5	75.1	93.9	113	135	150	188	225	270	300	339	400	400	400	400	400	400	400

● 60Hz

型号 Model	减速比 Ratio 转速 Speed	3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
		YN100-□ -140FJ	N.m	2.10	3.49	4.19	5.24	6.30	7.87	9.45	11.3	12.6	15.7	18.9	22.7	25.2	28.5	34.2	40.0	40.0	40.0	40.0
/104JB □ G1542	kgfcm	21	34.9	41.9	52.4	63	78.7	94.5	113	126	157	189	227	252	285	342	400	400	400	400	400	400

● 表中转速是电动机的同步转速（50Hz:1500r/mim;60Hz:1800r/mim）除以减速比得到的数值，在额定负载情况下实际输出转速为该转速的80%-98%。允许负载带“■”色表示减速器出轴转向与电动机转向相同，其他则为相反方向

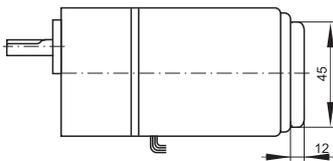
● The speed figures are calculated by dividing the motor's synchronous speed (50Hz:1500r/mim;60Hz:1800r/mim) by the gear ratio, the actual output speed is about 2-20% less than synchronous speed under rated torque conditions. "■" indicates the same rotating direction of motor while the others rotate in the opposite direction.

调速电机参数 | Speed Control Motors

	极数 No. of P	型号 Type	功率 Power W	电压 Voltage V	频率 Frequency Hz	调速范围 Speed scope r/min	速度稳定率 Speed stability %	额定转矩 Rated torque mN·m		启动转矩 Starting torque mN·m	电容 Capacitor μF/V AC
								90r/min	1200r/min		
感应电机 Induction Motor	4	YY80-25	25	220	50	90~1400	±5 (参考值) (Ref)	45	150	108	1.5/450
		YY90-40	40					60	250	215	2.5/450
		YY90-60	60					100	420	343	4/450
可逆电机 Reversible Motor	4	YN60-4	4					25	45	27.4	0.8/450
		YN60-6	6					28	75	47	0.8/450
		YN70-10	10					30	80	64.7	1/450
		YN70-15	15					35	90	98	1.5/450
		YN70-20	20					40	105	103	1.8/450
		YN70-25	25					45	120	108	2.0/450
		YN80-25	25					45	150	108	2.0/450
		YN90-40	40					60	250	215	2.5/450
		YN90-60	60					100	420	343	4/450
		YN90-90	90					120	600	490	6/450
		YN100-120	120					150	850	686	8/450
YN100-140	140	160	1000	784	8/450						

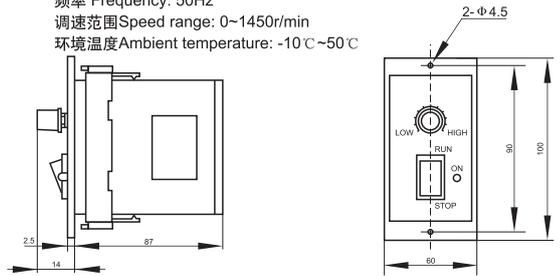
外形尺寸 | Dimensions

电机 Motor ★4W★6W★10W★15W★25W★40W★60W★90W★120W★140W



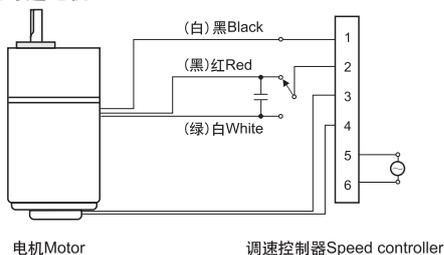
调速控制器 Speed controller

型号 Type: Ns52  
电压 Voltage: AC220V  
频率 Frequency: 50Hz  
调速范围 Speed range: 0~1450r/min  
环境温度 Ambient temperature: -10℃~50℃

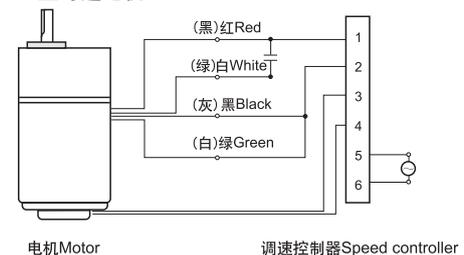


接线图 | Connected Diagrams

YN型可逆电机 Reversible motor



YY型可逆电机 Induction motor



术语解释 | Explanation of Technical Terms

一、功率

电机的功率可由转速、转矩决定:

$$P = \frac{T \cdot n}{9750} \quad (W)$$

T-转矩 (mN.m)  
n-转速

二、额定输出功率

额定输出功率由额定转矩、额定转速决定。

■同步转速

同步转速由电机的频率和极数决定: (如图中①所示)

$$n = \frac{120f}{P} \quad (r/min)$$

f-电源频率 (Hz)  
P-极数

■空载转速

空载转速为电机在无负载时的转速(如图中②所示)

■额定转速

额定转速为电机在额定输出功率时所确定的转速(如图中③所示)

三、转矩

■启动转矩

启动转矩为电机在额定电压、频率作用下,在启动瞬间所输出的转矩(如图中⑥所示),启动时如静态负载大于启动负载电机无法运转。

■最大转矩

最大转矩为电机在额定电压、频率作用下产生的最大输出转矩(如图中④所示),负载转矩如超出最大转矩,电机将被堵转。

■额定负载转矩

电机在额定电压、频率、额定转速时所输出的转矩(如图中⑤所示)

四、运行状态

为了保证电机温升的控制,确定了连续运行状态和短时运行状态。

■连续运行状态

电机在额定电压、频率下,允许连续运行,并保证电机工作安全、可靠。

■短时运行状态

电机在额定电压、频率下,允许30分钟连续运行,并保证电机工作安全、可靠。

五、减速器

■减速比

减速比是减速器输出轴转速与电机出轴转速之比。

■传动效率

减速器与电动机连接后,转矩增加时的效率,用%来表示。其大小受轴承、齿轮的摩擦及润滑因素影响。

一般经过一级传动其效率约90%,经二级传动时为81%,速比越大其传动级数越多,传动效率就下降。

■最大许用转矩

减速器所能承受的最大负荷转矩。其大小因受齿轮、轴承的材质、减速比等因素影响而有所不同。

■许用悬吊载荷

减速器所允许承受的垂直于输出轴载荷的最大值。其值因减速器型号及悬吊于轴端的距离有所不同。

■许用推动载荷

减速器输出轴所能承受的最大水平推力载荷,因减速器的型号有所不同。

1. Output power

It depends on the speed and torque

$$P = \frac{T \cdot n}{9750} \quad (W)$$

T-torque (mN.m)  
n-speed (r/min)

2. Rated output power

It depends on the rated torque and speed

■ Synchronous speed

It depends on the frequency of the power supply and the number of poles of the motor, (See diagram A point 1)

$$n = \frac{120f}{P} \quad (r/min)$$

f-frequency  
P-number of poles

■ No load speed

It is the speed under motor shaft no load rotates. (See diagram A point 2)

■ Rated speed

This speed is measured under the condition of rated output power. (See diagram A point 3)

3. Torque

■ Starting torque

This torque is measured under the condition of rated voltage and frequency at the moment of starting. (See diagram A point 6).

■ Maximum torque

It is the largest torque a motor can generate under rated voltage and frequency. (See diagram A point 4)

■ Rated torque

It is measured under rated voltage, frequency and speed. (See diagram A point 5)

4. Running status

A motor is allowed to run continuously or intermittently depending on its permissible temperature rise to ensure safety and reliability.

■ Continuous run

A motor is allowed to run continuously under rated voltage and frequency.

■ Intermittent run

A motor is allowed to run continuously for 30 minutes at a time under rated voltage and frequency.

5. Gear head

■ Reduction ratio

It is the ratio of the speed of the output shaft of the gear head to the speed of the output shaft of the motor.

■ Transmission efficiency

It depends on the friction of bearings and gears, and on Lubrication. For a transmission of single stage, the efficiency is usually 90%, and 81% for two stages, the more the stages, the lower the efficiency.

■ Max. permissible torque

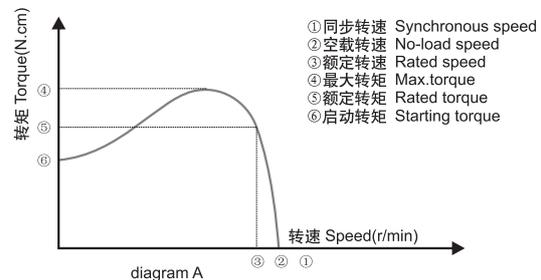
It depends on materials for gear and bearing and on reduction ratio.

■ Permissible pendent load

It varies from one gear head and measuring point to another.

■ Permissible thrust load

It varies from one gear head to another.



齿轮减速器概要 | Outline of Speed Reducer

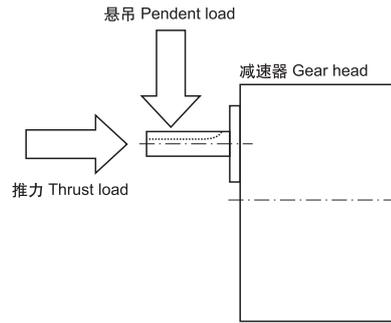
本公司生产的齿轮减速器，采用高精度的螺旋齿轮，并配油封、O型环密封式齿轮箱，采用润滑脂浴润方式，具有噪音低、使用寿命长、体积小、功率大等特点。

The reduction gear employs high precise spire gear, oil seal, O-type annular sealed gear box, and adopted grease lubrication and with the property of low-noise, long-using life, small volume, high-power etc.

★减速比有1/3~1/180范围内20余个阶段。  
There are approx 20 stages from 1/3 to 1/180 of the reduction ratio.

★含油轴承型齿轮减速器  
Gear head with oil metal  
○适用每天5小时以内，轻度负载的运转。  
5 Hours/day or shorter and light loading.  
○适用于短时间运转。  
Short-time operation.

★滚珠轴承型齿轮减速器  
Gear head with Ball Bearing  
○适用每天5小时以上的运转。  
5Hours/day or longer operation.  
○适用于连续运转。  
Continuous Operation.



减速器最大许用悬吊载荷及许用推力载荷 | Max Permissible Torque Pendent Load and Thrust Load

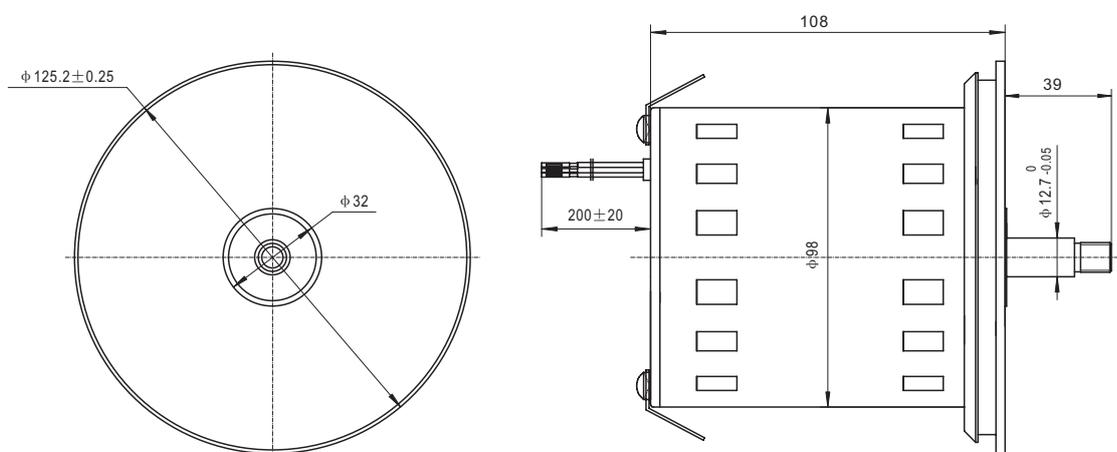
型号 Type	最大允许转矩 Max permissible torque Kg · cm	允许悬吊负荷 Permissible pendent load Kg		允许推力负荷 Permissible thrust load Kg
		在轴前端10mm处 Measuring point of 10mm from th end	在轴前端20mm处 Measuring point of 20mm from th end	
60JB	29	12	8	3
70JB	50	15	10	4
80JB	80	25	15	5
90JB	100	45	30	10
	200	60	40	15
104JB	450	80	60	20

减速器的传动效率 | Efficiencies For Gear Head

轴承 Bearing	型号/减速比 Type/Ratio	3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
滚珠 轴承 Ball bearing	60JB	81%						73%				66%			59%						
	70JB	81%						73%				66%									
	80JB	81%						73%				66%									
	90JB	81%						73%				66%									
	104JB	81%						73%				66%									
含油 轴承 Oil metal	60JB	68%						63%				58%			56%						
	70JB	68%						63%				58%									
	80JB	68%						63%				58%									
	90JB	68%						63%				58%									
	104JB	68%						63%				58%									

外形尺寸 | Dimensions

YY100-120-355  
YY100-115-125



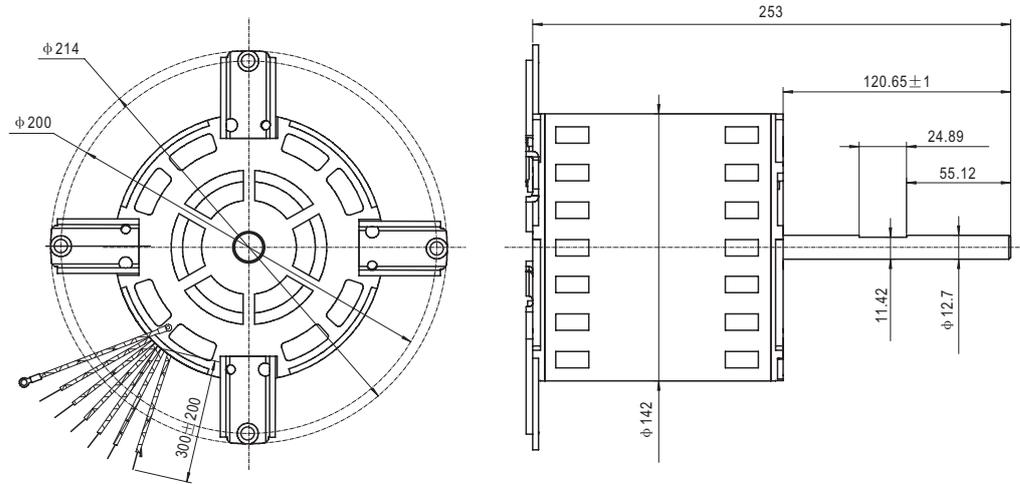
接线图 | Connected Diagrams

电机参数 | Specifications

型号 Model	Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 N.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 N.m	Capacitor 电容 $\mu F$
YY100-120-355	355	120	60	5	0.4	3200	1	24/250
YY100-115-125	125	115	60	3	0.3	3200	0.4	8

外形尺寸 | Dimensions

YY140-120-400G  
YY140-230-400G  
YY140-120-200G



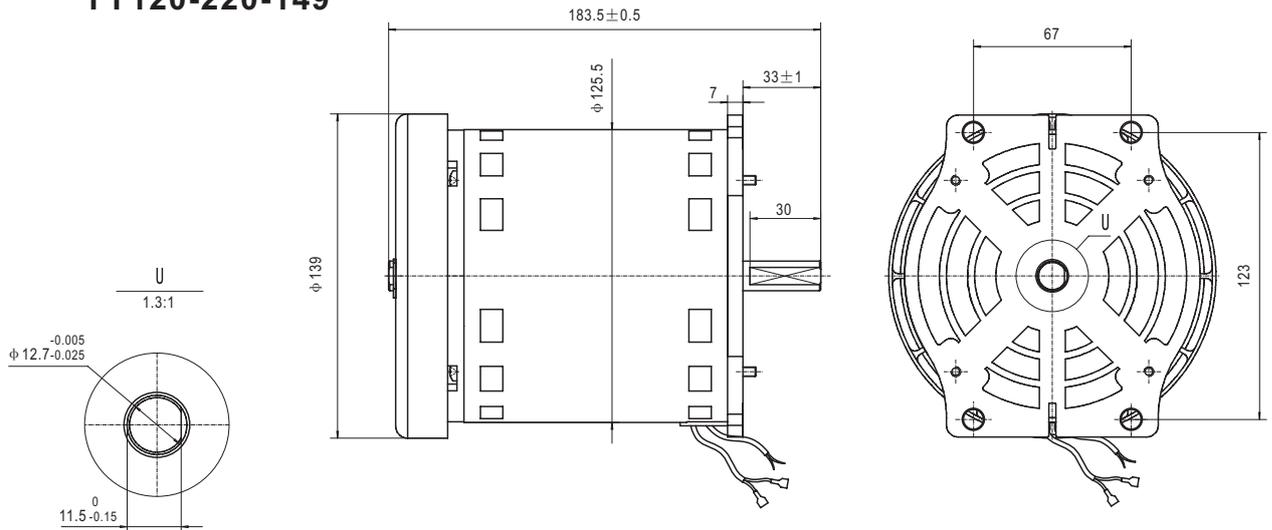
电机参数 | Specifications

型号 Model	Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 N.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 N.m	Capacitor 电容 $\mu F$
YY140-120-400G	400	120	60	7	0.5	1500	2.5	15/370
YY140-230-400G	400	230	50	2.5	0.5	1300	2.5	15/370
YY140-120-200G	200	120	60	2.4	0.3	1100	1.5	15/370

交流减速电机  
□ 120mm  
149W

外形尺寸 | Dimensions

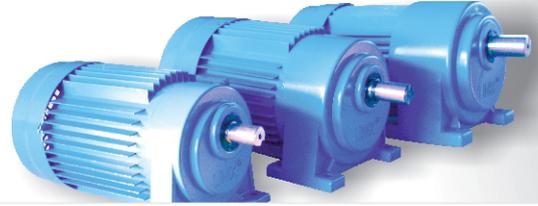
YY120-220-149



接线图 | Connected Diagrams

电机参数 | Specifications

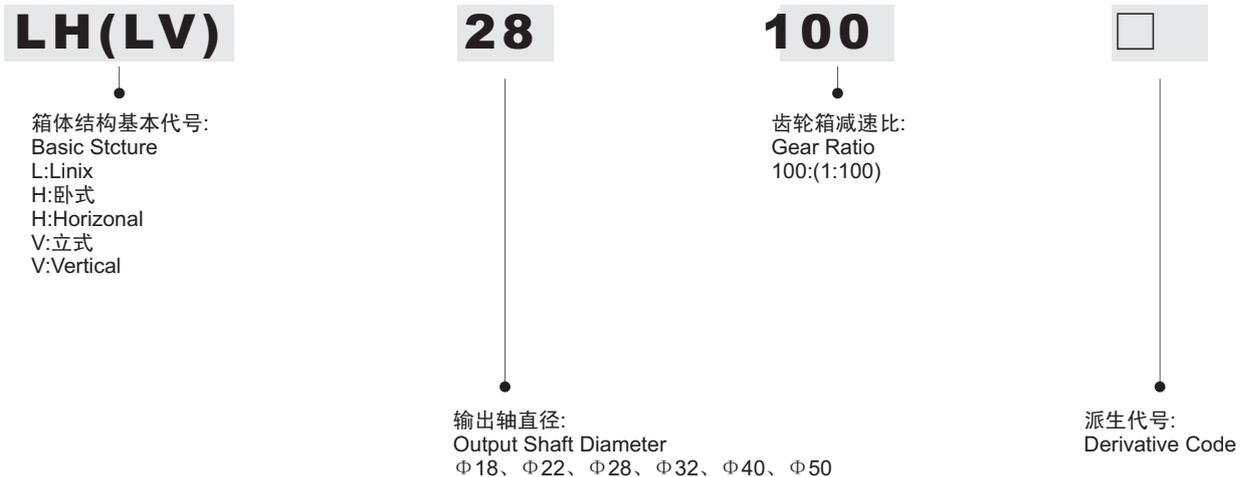
型号 Model	Power 功率 W	Voltage 电压 VAC	Frequency 频率 Hz	Rated Current 额定电流 A	Starting Torque 启动力矩 N.m	Rated Speed 额定转速 r/min	Rated Torque 额定转矩 N.m	Capacitor 电容 μF
YY120-220-149	149	220	50	1.2	1.2	900	1.5	8/450



电机型号命名 | Model Name of Motor



减速器型号命名 | Model Name of Gear Head



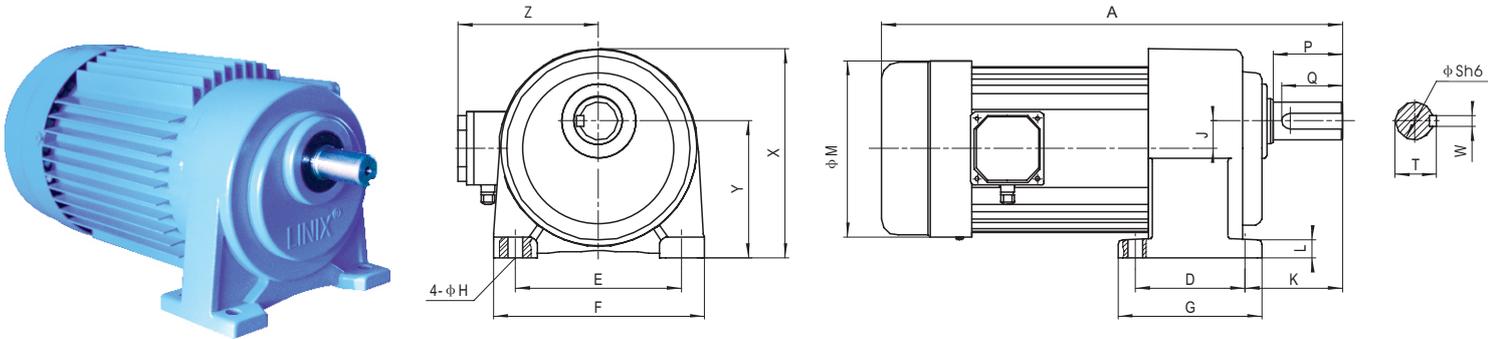
组合命名 | Model Name of Gearmotor

电机与减速器组成减速器电动机，电机与减速器用“/”分开，出轴带齿省略“C”。  
The gearmotor are assembled with motor and reduction gear, and they are separated by symbole /.



小型齿轮减速电机  
立式  
Vertical

外形尺寸 | Dimensions



齿轮箱型号 Gear Head	标准出轴 STD. Output		键槽			平键	轴允许最大直径 Max. Diameter
	Sh6	P	W	T	Q	SPEC	
LH-18	φ 18	30	5	20.2	27	5x5x27	φ 20
LH-22	φ 22	40	7	25	35	7x7x35	φ 25
LH-28	φ 28	45	7	31.1	40	7x7x40	φ 30
LH-32	φ 32	55	10	35.5	50	10x8x50	φ 35
LH-40	φ 40	65	10	43.5	60	10x8x60	φ 45
LH-50	φ 50	80	14	54	75	14x9x75	φ 55

功率	速比	型号	A	D	E	F	G	H	J	K	L	M	X	Y	Z
100W	3-50	LH-18	274	40	110	135	65	9	16	50	11	139	138	88.5	98
	60-200	LH-22	302	65	130	158	90	11	17.5	60	13	139	152	97.5	98
200W	3-10	LH-18	294	40	110	135	65	9	16	50	11	139	138	88.5	98
	15-90	LH-22	322	65	130	158	90	11	17.5	60	13	139	152	97.5	98
	100-200	LH-28	355	90	140	178	120	11	23	68	17	139	178	116	98
400W	3-10	LH-22	330	65	130	158	90	11	17.5	60	13	162	152	97.5	110
	15-90	LH-28	367	90	140	178	120	11	23	68	17	162	178	116	110
	100-200	LH-32	395	130	170	215	165	13	30	70	21	162	216	138.5	110
750W	3-10	LH-28	367	90	140	178	120	11	23	68	17	162	178	116	110
	15-90	LH-32	410	130	170	215	165	13	30	70	21	162	216	138.5	110
	100-200	LH-40	465	150	210	265	205	15	36	85	23	162	250	160	110
1500W	3-25	LH-32	450	130	170	215	165	13	30	70	21	190	216	138.5	130
	30-120	LH-40	510	150	210	265	205	15	36	85	23	190	250	160	130
	140-200	LH-50	560	170	265	335	230	18	51	120	30	190	306	200	130
2200W	3-40	LH-40	530	150	210	265	205	15	36	85	23	220	250	160	140
	3HP	50-100	LH-50	580	170	265	335	230	18	51	120	30	220	306	200
3700W	3-10	LH-40	560	150	210	265	205	15	36	85	23	220	250	160	140
	5HP	15-60	LH-50	620	170	265	335	230	18	51	120	30	220	306	200

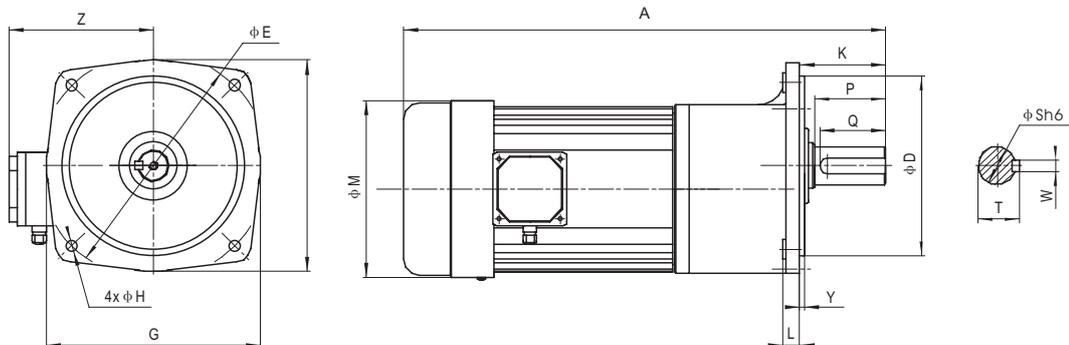
电机参数 | Specifications

No. of M 相数	Power 功率 KW	No. of P 极数	Voltage 电压 VAC	Frequency 频率 Hz	Speed 转速 r/min	Current 电流 A	Torque 转矩 Kg.m
Three-Phase 三相	0.1	4P	220/380	60/50	1680/1380	0.8/0.46	0.058/0.071
	0.2		220/380	60/50	1680/1380	1.2/0.7	0.116/0.142
	0.4		220/380	60/50	1680/1400	2.1/1.2	0.232/0.278
	0.75		220/380	60/50	1680/1400	3.6/2.1	0.43/0.52
	1.5		220/380	60/50	1680/1420	6.1/3.5	0.87/1.03
	2.2		220/380	60/50	1680/1420	9.5/5.5	1.27/1.51
	3.7		220/380	60/50	1680/1420	15/8.7	2.14/2.54
Single-Phase 单相	0.1	4P	110/220	60/50	1680/1380	2/1	0.058/0.071
	0.2		110/220	60/50	1680/1380	4/2	0.116/0.142
	0.4		110/220	60/50	1680/1400	8/4	0.232/0.278
	0.75		110/220	60/50	1680/1400	12/6	0.43/0.52

出轴轴径对照表 | Output Shaft Diameter Table

功率 Power 速比 Ratio	100W	200W	400W	750W	1500W	2200W	3700W
	1/8HP	1/4HP	1/2HP	1HP	2HP	3HP	5HP
3	18	18	22	28	32	40	40
5	18	18	22	28	32	40	40
10	18	18	22	28	32	40	40
15	18	22	28	28	32	40	50
20	18	22	28	28	32	40	50
25	18	22	28	28	32	40	50
30	18	22	28	32	32	40	50
40	18	22	28	32	40	40	50
45	18	22	28	32	40	50	50
50	18	22	28	32	40	50	50
60	22	22	28	32	40	50	50
70	22	22	28	32	40	50	
80	22	22	28	32	40	50	
90	22	22	28	32	40	50	
100	22	28	32	32	40	50	
120	22	28	32	40	50		
140	22	28	32	40	50		
150	22	28	32	40	50		
160	22	28	32	40	50		
180	22	28	32	40	50		
200	22	28	32	40	50		

外形尺寸 | Dimensions



齿轮箱型号 Gear Head	标准出轴 STD. Output		键槽			平键	轴允许最大直径 Max. Diameter
	Sh6	P	W	T	Q	SPEC	
LH-18	$\phi 18$	30	5	20.2	27	5x5x27	$\phi 20$
LH-22	$\phi 22$	40	7	25	35	7x7x35	$\phi 25$
LH-28	$\phi 28$	45	7	31.1	40	7x7x40	$\phi 30$
LH-32	$\phi 32$	55	10	35.5	50	10x8x50	$\phi 35$
LH-40	$\phi 40$	65	10	43.5	60	10x8x60	$\phi 45$
LH-50	$\phi 50$	80	14	54	75	14x9x75	$\phi 55$

功率	速比	型号	A	D	E	F	G	H	J	K	L	M	X	Y	Z
100W	3-50	LV-18	274	40	110	135	65	9	16	50	12	139	138	88.5	98
	60-200	LV-22	302	65	130	158	90	11	17.5	60	12	139	152	97.5	98
200W	3-10	LV-18	294	40	110	135	65	9	16	50	12	139	138	88.5	98
	15-90	LV-22	322	65	130	158	90	11	17.5	60	12	139	152	97.5	98
	100-200	LV-28	355	90	140	178	120	11	23	68	13	139	178	116	98
400W	3-10	LV-22	330	65	130	158	90	11	17.5	60	12	162	152	97.5	110
	15-90	LV-28	367	90	140	178	120	11	23	68	13	162	178	116	110
	100-200	LV-32	395	130	170	215	165	13	30	70	16	162	216	138.5	110
750W	3-10	LV-28	367	90	140	178	120	11	23	68	13	162	178	116	110
	15-90	LV-32	410	130	170	215	165	13	30	70	16	162	216	138.5	110
	100-200	LV-40	465	150	210	265	205	15	36	85	21	162	250	160	110
1500W	3-25	LV-32	450	130	170	215	165	13	30	70	16	190	216	138.5	130
	30-120	LV-40	510	150	210	265	205	15	36	85	21	190	250	160	130
	140-200	LV-50	560	170	265	335	230	18	51	120	25	190	306	200	130
2200W	3-40	LV-40	530	150	210	265	205	15	36	85	21	220	250	160	140
	3HP	50-100	LV-50	580	170	265	335	230	18	51	25	220	306	200	140
3700W	3-10	LV-40	560	150	210	265	205	15	36	85	21	220	250	160	140
	5HP	15-60	LV-50	620	170	265	335	230	18	51	25	220	306	200	140

出轴径向负载 | Output Shaft Radial Load

Ratio 减速比	输出转速		0.1KW		0.2KW		0.4KW		0.75KW		1.5KW		2.2KW		3.7KW	
	频率 Hz															
	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
3	500	600	30	25	30	25	54	45	60	50	145	130	165	150	200	180
5	300	360	36	30	36	30	78	70	85	75	165	150	210	180	270	225
10	150	180	70	60	70	60	150	130	180	150	280	250	430	360	570	550
15	100	120	110	90	110	100	175	160	165	160	355	348	490	450	780	750
20	75	90	150	125	135	125	190	170	175	170	369	365	540	500	850	830
25	60	72	155	140	150	140	210	180	185	180	450	430	650	630	1100	1050
30	50	60	160	150	170	165	235	220	415	400	480	450	690	650	1200	1100
40	38	45	160	160	180	180	270	260	430	420	580	550	710	670	1280	1200
45	33	40	170	170	180	180	335	328	440	430	590	570	820	780	1300	1250
50	30	36	170	170	180	180	350	335	450	440	600	580	850	820	1400	1350
60	25	30	180	180	180	180	350	350	450	450	630	610	900	900	1400	1400
70	21	25	180	180	180	180	350	350	460	460	670	650	1100	1100		
80	18	22	180	180	180	180	350	350	460	460	680	680	1100	1100		
90	16	20	180	180	180	180	350	350	500	500	850	850	1200	1200		
100	15	18	200	200	250	250	380	380	590	590	900	900	1200	1200		
120	12	15	200	200	320	320	390	390	640	640	920	920				
140	11	13	200	200	320	320	400	400	679	679	920	920				
150	10	12	220	220	330	330	420	420	679	679	950	950				
160	9	11	220	220	330	330	420	420	700	700	950	950				
180	8	10	240	240	350	350	430	430	720	720	980	980				
200	7	9	240	240	350	350	430	430	720	720						

输出扭矩表 | Output Torque Table

KG.M

Ratio 减速比	输出转速		输出扭矩													
			0.1KW		0.2KW		0.4KW		0.75KW		1.5KW		2.2KW		3.7KW	
	频率 Hz															
50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	
3	500	600	0.19	0.16	0.37	0.31	0.70	0.60	1.30	1.10	2.60	2.20	3.80	3.20	6.00	5.50
5	300	360	0.31	0.26	0.62	0.52	1.20	1.00	2.20	1.90	4.50	3.80	6.72	5.60	11.0	10.0
10	150	180	0.62	0.52	1.24	1.04	2.40	2.00	4.50	3.80	9.10	7.60	13.7	11.2	22.0	20.0
15	100	120	0.91	0.76	1.80	1.50	3.60	3.00	6.80	5.70	13.5	11.3	20.1	16.8	32.6	29.8
20	75	90	1.20	1.00	2.40	2.00	4.80	4.00	9.00	7.50	18.1	15.1	26.8	22.4	43.6	36.0
25	60	72	1.40	1.20	3.00	2.50	6.00	5.00	11.2	9.40	22.6	18.9	33.6	28.0	53.9	49.5
30	50	60	1.80	1.50	3.60	3.00	7.20	6.00	13.5	11.3	27.1	22.6	40.3	33.6	64.7	58.8
40	37	45	2.20	1.90	4.60	3.90	9.30	7.80	17.5	14.6	34.9	29.1	52.0	43.4	86.3	78.4
45	33	40	2.70	2.20	5.40	4.40	10.9	9.10	20.6	17.0	41.1	34.0	59.8	49.6	98.5	81.7
50	30	36	2.80	2.40	5.70	4.80	11.6	9.70	21.9	18.3	43.6	36.4	65.1	54.3	107	97.0
60	25	30	3.40	2.90	6.90	5.80	13.9	11.6	26.2	21.9	52.4	43.7	78.1	65.1	127	115
70	21	25	4.30	3.60	8.00	6.80	16.2	13.5	31.5	26.3	62.4	52.0	92.5	77.1		
80	19	23	4.80	4.00	9.20	7.70	18.4	15.4	35.5	29.6	70.8	64.3	105	87.5		
90	17	20	5.20	4.40	10.3	8.60	20.7	17.3	39.3	32.8	77.1	69.8	113	94.3		
100	15	18	5.80	4.90	11.5	9.60	23.0	19.2	43.2	36.0	83.7	83.7	126	105		
120	12	15	6.90	5.80	13.8	11.5	27.7	23.1	51.8	43.2	101	96.8				
140	11	13	8.00	6.70	16.0	13.4	32.0	26.7	59.7	49.8	116	110				
160	9	11	9.10	7.60	18.3	15.3	36.3	30.3	68.0	56.7	132	123				
180	8	10	10.3	8.60	20.7	17.3	40.8	34.0	76.8	64.0	148					
200	7	9	11.6	9.70	22.9	19.1	43.2	36.0	82.8	69.0						