

60YN06~90YN90

允许转矩范围: 5~20N.m
Permissible Load Range: 5~20N.m

● 用途和结构特点 Application and structure

在电动机上配置测速发电机，另外再配置电子调速控制器，即组成为调速电机系统，可以无级变速。调速电机上的测速发电机，以及电子调速控制器是选配件。

配置测速发电机，在电动机型号中加后缀 T，例 90YN40-2CT，即成为调速电机。调速电机可以配置齿轮减速器、行星减速器、蜗轮减速器。

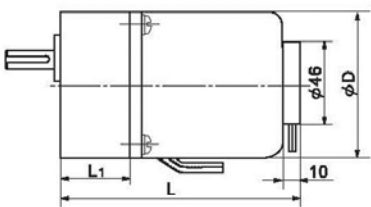
Equipped with speed detecting motor and electronic speed controller, it forms a speed control motor system and stepless speed variation can be achieved. Speed detecting motor, speed control motor and speed controller are optional.

"T" refers to speed detecting motor in motor coding system. For example, 90YN40-2CT. Speed control motor can be equipped with gearbox, planetary gearbox and worm gearbox.



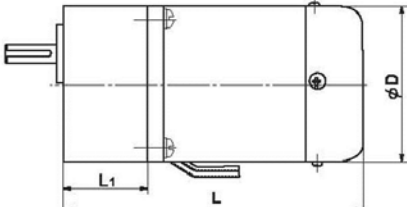
● 齿轮减速电机配置测速发电机后的外形尺寸 Dimensions

6W、15W、25W、40W调速电机
6W、15W、25W、40W Speed Control Motor



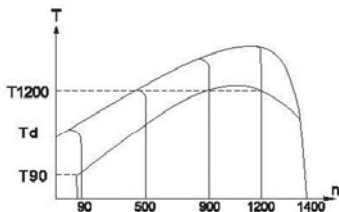
功率 (W)	φD (mm)	减速比 Ratio	L1 (mm)	L (mm)
6	60	3-18	32	117
		20-180	40	125
15	70	3-18	32	122
		20-180	42	132
25	80	3-18	32	127
		20-180	43	138
40	90	3-15	42	158
		18-180	60	176

60W、90W调速电机
60W、90W Speed Control Motor



功率 (W)	φD (mm)	减速比 Ratio	L1 (mm)	L (mm)
60	90	3-15	42	179
		18-180	60	197
90	90	3-15	42	199
		18-180	60	217

调速电机转矩—转速特性曲线
Speed Control Motor Torque-Speed Curve



● 电机性能参数 Specifications

电机型号 Motor Type	电 压 Voltage V	频 率 Frequency Hz	最大输出功率 Max.output Power W	调速范围 Speed Scope r/min	速度稳定率 Speed Stability %	额定转矩 Rated speed mN.m		额定转矩 Starting torque mN.m	电 容 Capacitor μF/VAC
						90r/min	1200r/min		
60YN06 - 2CT	220	50	6	90~1400	5	25	47	40	0.8/450
70YN15 - 2CT	220	50	15	90~1400	5	35	95	75	1.2/450
80YN25 - 2CT	220	50	25	90~1400	5	45	170	110	1.5/450
90YN40 - 2CT	220	50	40	90~1400	5	60	270	190	2.5/450
90YN60 - 2CT	220	50	60	90~1400	5	110	420	330	3.5/450
90YN90 - 2CTF	220	50	90	90~1400	5	200	700	460	5.5/450

电机的其它参数、减速器的参数，请查阅相关的单相电机样本。

For other motor parameter & gearbox parameter, please refer to the brochure of single-phase AC motor.

● 选型和使用说明 Selective type and specification

- 1、本调速电机系统具有负载特性硬、稳速性能好的特点，并且具有软启动特性。
- 2、减速电机的调速范围，是90rpm和1400rpm分别除以减速器的减速比。由于低转速与高转速之间的转矩有比较大的差别，所以调速的范围不宜太大。如果调速范围要求比较大的，应该适当选择大功率的电机满足低转速时的转矩要求。
- 3、使用前请认真阅读产品说明书，接线后要认真检查，防止因为接线错误而产生安全问题。
- 1、The speed control motor system with hard load characteristics, stable speed, and has soft-start features.
- 2、The scope of speed control is 90RPM & 1400RPM are divided by the reduction ratio respectively. Because of low-speed and high-speed comparison between the torque there is a big difference, so speed should not be too much scope. If the scope of speed control is big, it should be an appropriate bigger power motor to meet torque requirement at the time of low speed.
- 3、Please read product specification carefully before using. Wiring must be carefully checked to prevent security issues caused by wiring errors.