



**Brief Introduction :**

This series of synchronous motor is a new type without gear reduction devices to achieve low speed. This new type of synchronous motor has more simple structure and has no noise caused by the gears. The motor is close-structured.

The main features are: high reliability, long lifetime, low noise & vibration, stable speed, high start torque. There is no current impinge at start. The current is changed slightly once the load is changed. It also has self-locking ability. It can start, reverse or stop suddenly.

**Typical Application :**

Mainly used for Automatic Curtains, Stage Lights, Electric Advertisement, Electric Appliances, Pumps, Scientific & Teaching Devices, etc which needs high torque but low speed.

**Technical Performances (test under room temperature) :**

Model	Normal Voltage (VAC)	No. of Phase	Rated Freq'y (Hz)	Synchronous Speed (rpm)	Input Current (A)	Input Power (W)	Max. Torque (mNm)	Rated Torque (mNm)	Start Torque (mNm)	Capacitor Voltage (µF/V)	Resist-ance (Ω/W)	Gross Weight (Kgs)	Body Length (mm)
NSR70-060-6L	220	1	50	60	0.10	20	750	700	300	2.5/400	-	1.2	75
NSR70-060-6	220	1	50	60	0.12	24	900	850	400	2.0/400	-	1.6	85
NSR70-060	220	1	50	60	0.12	24	1100	1000	510	0.8/400	1.5K/16	1.6	85
NSR70-060-H	220	1	50	60	0.22	45	1300	1200	600	1.4/400	900/16	1.8	105
NSR70-060-2	220	3	50	60	0.12	24	1200	1100	550	-	-	1.6	85
NSR70-060-3	220	3	50	60	0.07	24	1200	1100	550	-	-	1.6	85
NSR70-115	220	1	50	115	0.15	28	850	750	400	0.8/400	1.5K/16	1.6	85
NSR70-115-H	220	1	50	115	0.25	45	1100	1100	550	1.0/400	1.5K/16	1.8	105
NSR70-115-4	220/380	3/4	50	115	0.25/0.15	45	1300	1200	650	-	-	1.8	85

Remarks: The voltage can be changed to any as needed. The torque @ 50Hz is 1.2 times of the torque @ 60Hz. All above performances are from some typical models only. OEM and ODM are all welcome.

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