Model Selection Guide of Small Geared Motor

Electric Geared Reducer Motor Manufacturer

Interpretation

The geared motor is a specific type of electrical motor that is designed to produce high torque while maintaining a low horsepower, or low speed, motor output. Gear motors can be found in many different applications, and are probably used in many devices.

The geared motor consists of two parts, including reducer (gear box) and motor. Both of two parts have different model, there are two selection guides for reference during order from VEER Motor Company.

1) Motor:

5	I	K	40	R	GN	-C	F
①	②	③	④	⑤	⑥	⑦	⑧

①	Frame Size	2: 60mm, 3: 70mm, 4: 80mm, 5: 90mm, 6: 104mm, 7: 120mm
②	Type	I: Induction Motor R: Reversible Motor T: Torque Motor

③	Series	K: K Series
④	Output Power (W)	40: 40W
⑤	Speed Type	R: Variable Speed None: Constant Speed
⑥	Output Shaft Shape	GN: GN Gear Shaft GU: GU Gear Shaft A: Circular Shaft
⑦	Voltage Poles / Rotate Speed	A: Single-Phase 110V, 50Hz/60Hz, 4P, 1400rpm C: Single-Phase 220V, 50Hz/60Hz, 4P, 1400rpm S: Three-Phase 220V, 50Hz/60Hz, 4P, 1400rpm U: Three-Phase 380V, 50Hz/60Hz, 4P, 1400rpm Y: Three-Phase 220V/380V, 50Hz/60Hz, 4P, 1400rpm
⑧	T: Junction Box F: Fan M: Electromagnetic Brake P: Thermo Switch	

2) Reducer (Gearbox):

5	GN	50	K
①	②	③	④

①	Frame Size	2: 60mm, 3: 70mm, 4: 80mm, 5: 90mm, 6: 104mm, 7: 120mm
②	Type	GN: GN Gear Shaft GU: GU Gear Shaft GS: GS Gear Shaft (Mounting by flange) GK: GS Gear Shaft (Mounting by itself)
③	Gear Ratio	50: 1:50
④	Bearing Type	K: Ball Bearing