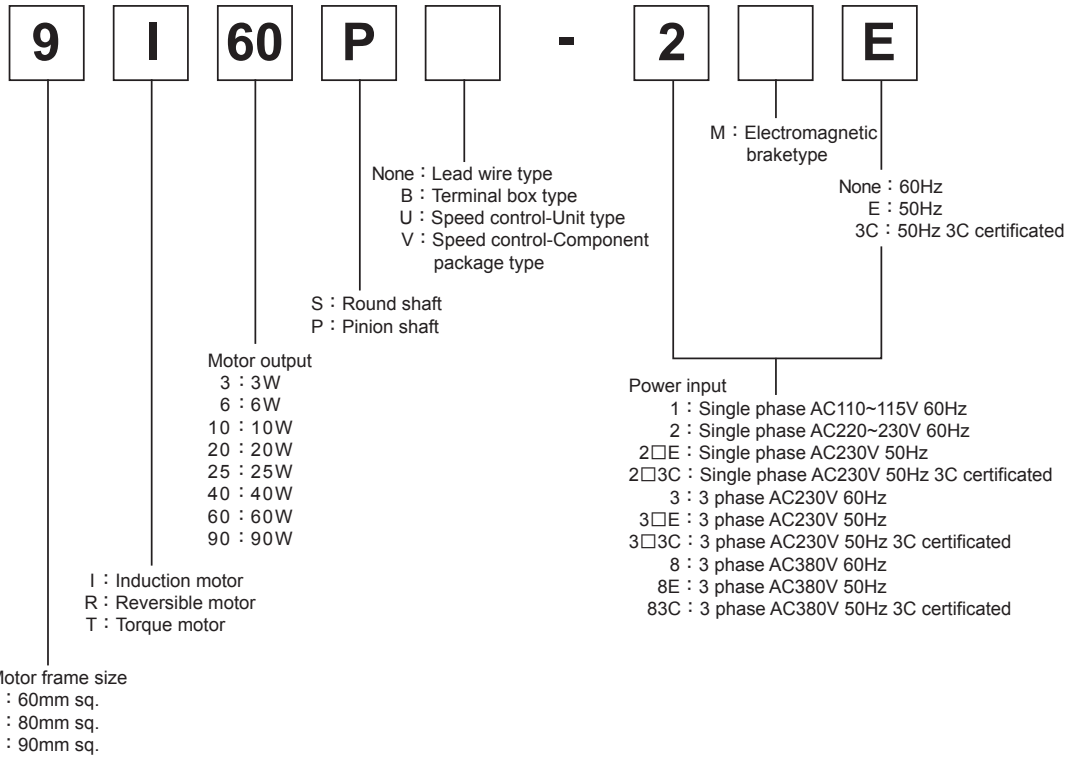
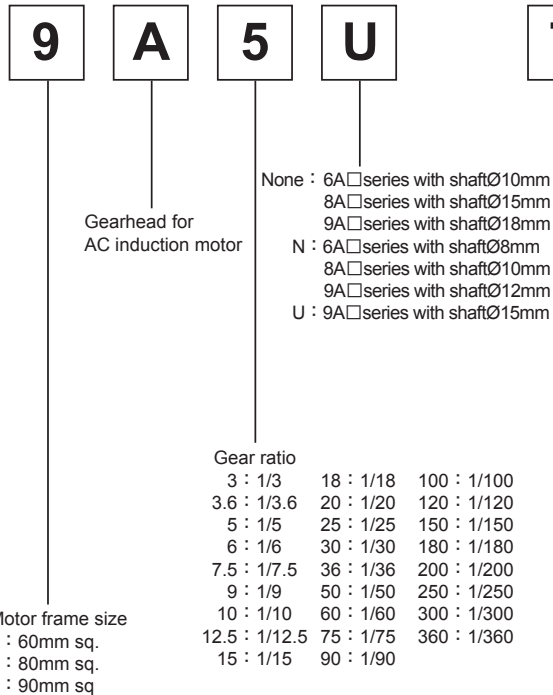


Product number code

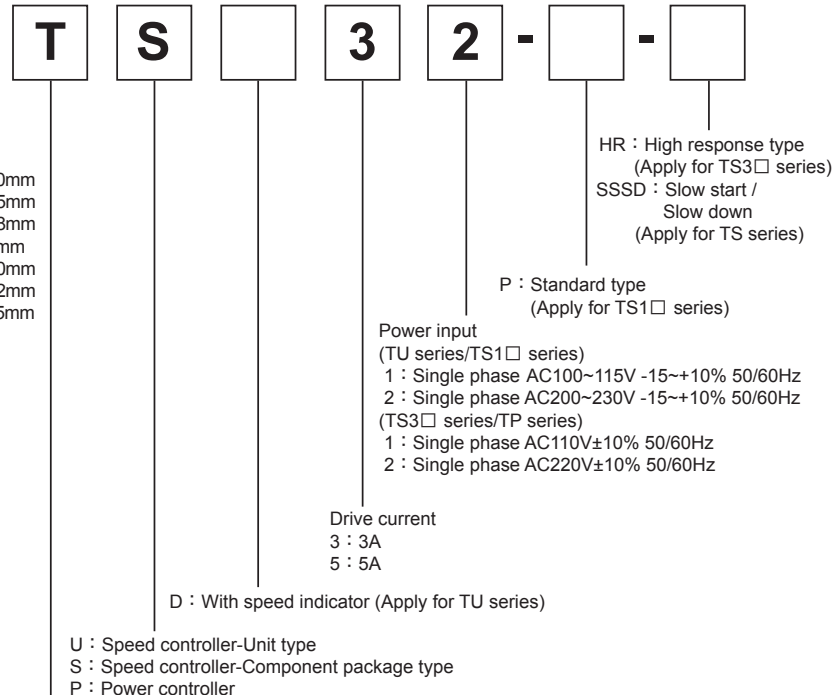
Motor



Gearhead



Controller



TROY

Common technical information

Product number code

Induction motor

Reversible motor

Speed control motor

Electromagnetic brake motor

Torque motor



■ Specs

Motor output	3W						
Round shaft type	6T3S-1		6T3S-2		6T3S-2E 6T3S-23C		
Pinion shaft type	6T3P-1		6T3P-2		6T3P-2E 6T3P-23C		
Controller models	TP51		TP52		TP52		
Capacity of capacitor (μF)	6.5		1.5		1.5		
Rating at the locked rotor [When the rotor locked] (min)	5 min	Continuous	5 min	Continuous	5 min	Continuous	
Power input (V)	Single phase AC110	Single phase AC60	Single phase AC220	Single phase AC115	Single phase AC230	Single phase AC115	
Power frequency (Hz)	60				50		
Starting torque (kgcm)	0.70	0.25	0.70	0.25	0.70	0.18	
Max output power (W)	3.5	1.2	3.5	1.2	3	0.8	
At max output power	Rotation speed (r/min)	900		900		750	
	Torque (kgcm)	0.38	0.13	0.38	0.13	0.39	0.10
	Current (A)	0.42	0.26	0.22	0.13	0.24	0.10
	Power input (W)	45	15	45	14	50	10
Ambient temperature	-10~+50°C						
Ambient humidity	Max.85%RH						

■ Permissible Overhung Load/Permissible Thrust Load

Round shaft type

Model	Permissible Overhung Load(Unit : kg f)		Permissible Thrust Load (Unit : kg f)
	10mm from shaft end	20mm from shaft end	
6T3S-□	5	11	Permissible thrust load do not exceed the weight of motor 1/2.If exceed the rated weight will decrease the service life of motor. Please using indirect transmission machinery such as coupling, belt,chain.As the applications which will need the thrust load

Pinion shaft type (Gearhead attached)

Model	Gear Ratio	Permissible Overhung Load(Unit : kg f)		Permissible Thrust Load (Unit:kg f)
		10mm from shaft end	20mm from shaft end	
6T3P-□	3, 3.6, 5	10	15	3
	6, 7.5, 9, 10, 12.5, 15, 18, 20	15	20	
	25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180, 200, 250, 300, 360	20	30	

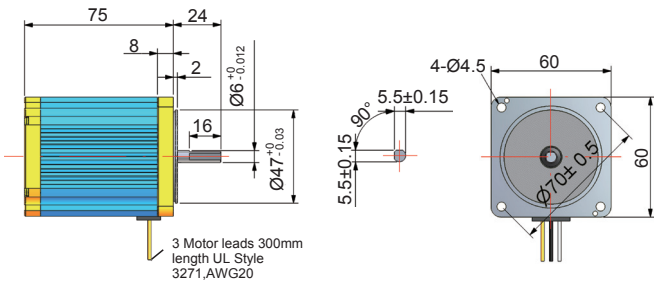
■ Dimensions

Round shaft type 6T3S-□

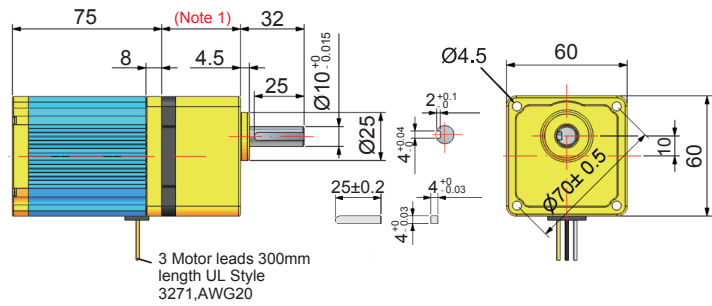
Motor Weight : 1180g

Unit : mm

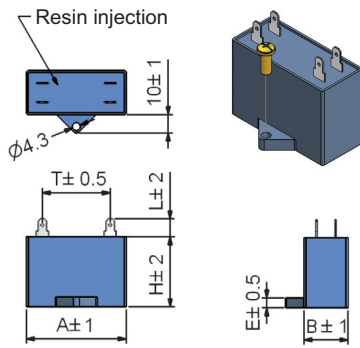
Motor Weight : 1170g



Pinion shaft type 6T3P-□+6A□



■ Capacitor Dimensions (Included with single phase motors)



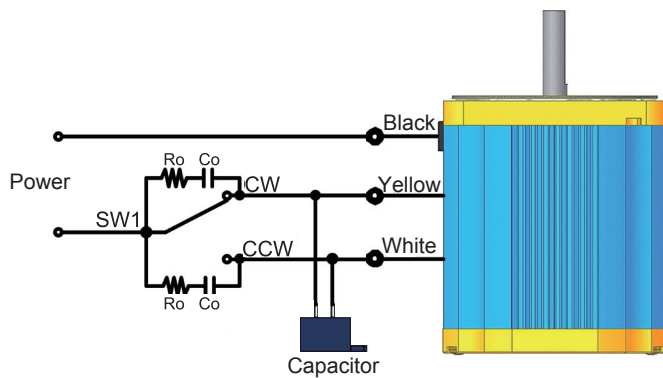
*(Note 1)

6A□ Gearhead Length/Weight		
Model	Length (mm)	Weight (g)
6A3~6A100	39.5	400
6A120~6A360	43.5	440

※We also have gearhead 6A□N with shaft $\phi 8$. For details please refer to the P.4

Capacity of capacitor ($\mu\text{F/VAC}$)	A	B	H	L	T	E
6.5/250	48	17	27	9	34	5
1.5/450	38	17	26	9	24	5

■ Wiring diagram



Common technical information

Product number

Induction motor

Reversible motor

Speed control motor

Electromagnetic brake motor

Torque motor