



■ Specs

Motor output	40W						
Round shaft type	9T40S-1		9T40S-2		9T40S-2E 9T40S-23C		
Pinion shaft type	9T40P-1		9T40P-2		9T40P-2E 9T40P-23C		
Controller models	TP51		TP52		TP52		
Capacity of capacitor (μF)	30		7		7		
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)	8.50	2.00	8.50	2.00	9.00	2.00	
Max output power (W)	40	10	40	10	40	9	
At max output power	Rotation speed (r/min)	900		900		750	
	Torque (kgcm)	6.70	1.00	6.70	1.00	7.40	1.10
	Current (A)	2.30	1.30	1.20	0.70	1.50	0.70
	Power input (W)	240	76	248	79	280	80
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	
9T40S-□	24	27	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	
9T40P-□	3, 3.6, 5	50	60	15
	6, 7.5, 9, 10, 12.5, 15, 18, 20	60	70	
	25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180, 200, 250, 300, 360	70	80	

■ Dimensions

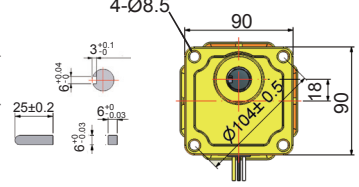
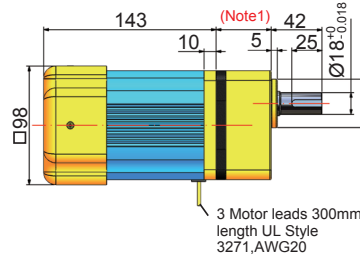
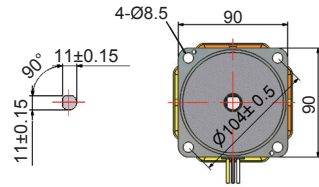
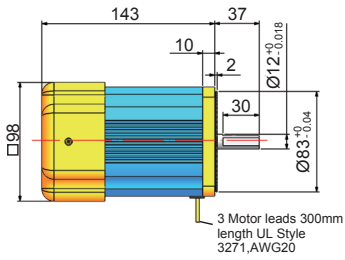
Round shaft type 9T40S-□

Motor Weight : 4100g

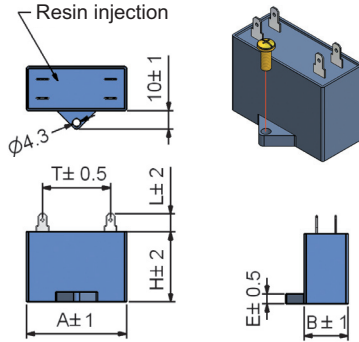
Pinion shaft type 9T40P-□+9A□

Unit : mm

Motor Weight : 4070g



■ Capacitor Dimensions (Included with single phase motors)



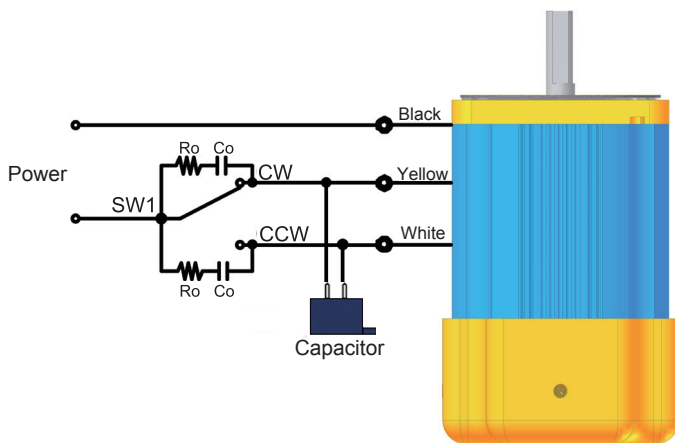
*(Note 1)

9A□ Gearhead Length/Weight		
Model	Length (mm)	Weight (g)
9A3~9A20	45.5	1170
9A25~9A100	58.5	1520
9A120~9A360	64.5	1610

※We also have gearhead 9A□U with shaft Ø15. For details please refer to the P.4

Capacity of capacitor (µF/VAC)	A	B	H	L	T	E
30/250	59	40	40	12	44	4
7/450	57.5	25	39	8	44	4

■ Wiring diagram



Common technical information

Product number code

Induction motor

Reversible motor

Speed control motor

Electromagnetic brake motor

Torque motor