

A.C. Tork Motor

Winding Application:

- Tork motors are designed for operation under prolonged stalled torque or special running torque characteristics.
- Horse Power and Speed are secondary consideration.
- Common application for tork motor is on winding, drives where rotational speed must decrease and torque must increase with diameter of roll, Since Torque- Speed curve of the tork motor is approximately linear, it is well suited for these application.
- A tork motor develops its maximum torque at or nearly locked rotor condition, unlike other standard motors.
- Winding drive require decreased speed and increased torque as roll diameter increase.

Application:

Winding of PLASTIC FIRMS, ROLLS, STRIPS, Aluminum/Copper/Brass/Steel wire Strips, Paper rolls etc.

Manufacturing Range :

Torque: From 5 kgcm Torque up to 300 kg. CM Torque

Mountings: Foot Mounting, Flange Mounting, Face Mounting

Shaft Ext: Standard and Special Shaft Ext

Three Phase AC Tork Motors:

Totally Enclosed Fan Cooled 400/440V

Three Phase AC Tork Motor



Frame Size	H.P.	No Load RPM	Max. Locked Rotor Torque
80	0.06	720	6 kgcm
90	0.10	720	10 kgcm
90	0.15	720	15 kgcm
90	0.20	720	20 kgcm
100	0.25	720	25 kgcm
100	0.30	720	30 kgcm
100	0.40	720	40 kgcm
112	0.45	720	45 kgcm
112	0.50	720	50 kgcm
112	0.60	720	65 kgcm
132	0.75	720	75 kgcm
132	0.90	720	90 kgcm
132	1.00	720	100 kgcm
160	1.50	720	150 kgcm
160	2.00	720	200 kgcm
160	2.50	720	250 kgcm
160	3.00	720	300 kgcm

Single Phase AC Tork Motors:

Totally Enclosed Fan Cooled 220/230V

Single Phase Capacitor AC Tork Motor

Frame Size	H.P.	No Load RPM	Max. Locked Rotor Torque
71	0.050	720	5 kgcm
80	0.075	720	7.5 kgcm
90	0.100	720	10 kgcm
100	0.150	720	15 kgcm
100	0.200	720	20 kgcm
112	0.250	720	25 kgcm