

Torque motors are special induction motors with specific stall torque and torque –speed characteristic curve. Torque Motors have high Slip Characteristic which can be smartly used in winder application, may it be plastic film or metallic wire.

'Elcen' make Torque Motor is a precision designed, of robust construction and is noted for its reliability in worst operating conditions. These motors are available in IEC frame sizes as well as modified Mechanical frames for special applications. Special frames as per customer requirement are also available.

A standard squirrel cage motor tries to maintain the speed as it is loaded while a Torque motor will drop in speed as it is loaded. The desired speed can also be achieved by varying supply voltage.

TORQUE	HP	RPM	FRAME
IN KGM			
0.072	0.075	750	71
0.048	0.1	1500	63
0.096	0.1	750	80
0.096	0.2	1500	71
0.19	0.2	750	90S
0.12	0.25	1500	80
0.24	0.25	750	90L
0.24	0.5	1500	90S
0.48	0.5	750	100L
0.31	0.65	1500	90L
0.72	0.75	750	112M
0.48	1	1500	100L
0.96	1	750	132S
1.44	1.5	750	132M
0.96	2	1500	112M
0.96	2	1500	132S

Application of Torque Motors

HDPE Tapes, Monofilament- yarns, Box strapping All types of extruded plastic films Rubberised Fabrics, textiles 20 to 100Hz, 50 to 250 V, flange mounting type.

Copper Wires from 8 SWG to 43 SWG.

S.S. Wires/ M.S. Wires

Strips of Copper, Mild Steel etc.

Torque Motors

1.2	2.5	1500	132S
1.44	3	1500	132M