



# 25W (1/30 HP)

INDUCTION MOTORS Frame size 80mm sq. (3.15 in. sq.)

LEAD WIRE TYPE

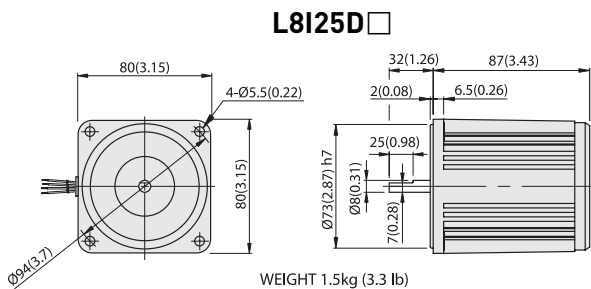
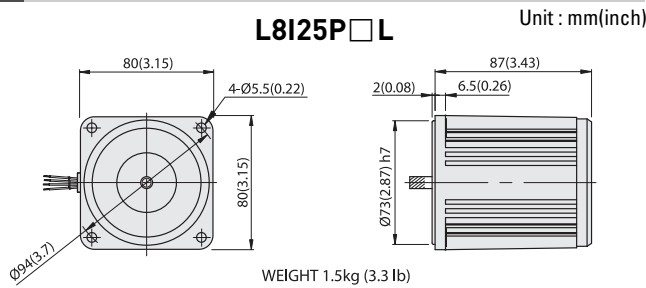
## SPECIFICATIONS

CONTINUOUS DUTY, INSULATION CLASS A or E, 4POLES

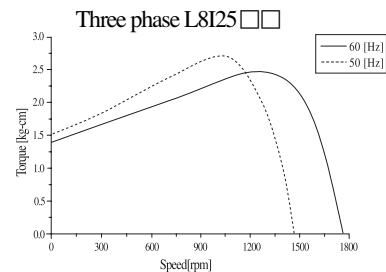
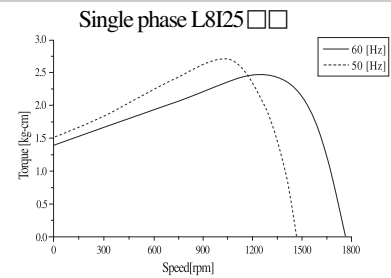
Model	Output		Voltage (V)	Frequency (Hz)	Rated						Starting Torque			Capacitor (μF)
	(HP)	(W)			Input (W)	Current (A)	Torque			Speed (rpm)	(kg-cm)	(N-m)	(oz-in)	
							(kg-cm)	(N-m)	(oz-in)					
L8125□C	1/30	25	1∅100	50 60	60 60	0.57 0.52	1.95 1.6	0.191 0.157	27.08 22.22	1250 1550	1.25 1.25	0.123 0.123	17.36 17.36	6
L8125□D	1/30	25	1∅200	50 60	60 60	0.28 0.28	1.95 1.6	0.191 0.157	27.08 22.22	1250 1550	1.45 1.45	0.142 0.142	20.14 20.14	1.8
L8125□B	1/30	25	1∅220	60	65	0.3	1.6	0.157	22.22	1550	1.6	0.157	22.22	1.5
L8125□E	1/30	25	1∅115	60	60	0.55	1.6	0.157	22.22	1550	1.2	0.118	16.66	4
L8125□X	1/30	25	1∅220~240	50	60	0.25	1.95	0.191	27.08	1300	1.25	0.123	17.36	1.5
L8125□U	1/30	25	3∅200	50 60	70 70	0.26 0.24	1.9 1.6	0.186 0.157	26.39 22.22	1250 1550	5.9 4.7	0.578 0.461	81.93 65.27	-
L8125□T	1/30	25	3∅200~230	50 60	70 70	0.3 0.25	1.85 1.55	0.181 0.152	25.69 21.52	1350 1600	7.7 6.1	0.755 0.598	106.93 84.71	-
L8125□S	1/30	25	3∅380~415	50 60	70 70	0.27 0.23	1.85 1.55	0.181 0.152	25.69 21.52	1350 1600	7.7 6.1	0.755 0.598	106.93 84.71	-
L8125□R	1/30	25	3∅440	50 60	70 70	0.16 0.12	1.85 1.55	0.181 0.152	25.69 21.52	1350 1600	7.7 6.1	0.755 0.598	106.93 84.71	-

- \* Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- \* Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- \* In case of some models certificated for export, the special cord like CE or UL is added after the existing model no. ex) L9160 □XH-CE, L9160 □EH-UL.
- \* Insulation class for motors which acquired certificates for export is B.

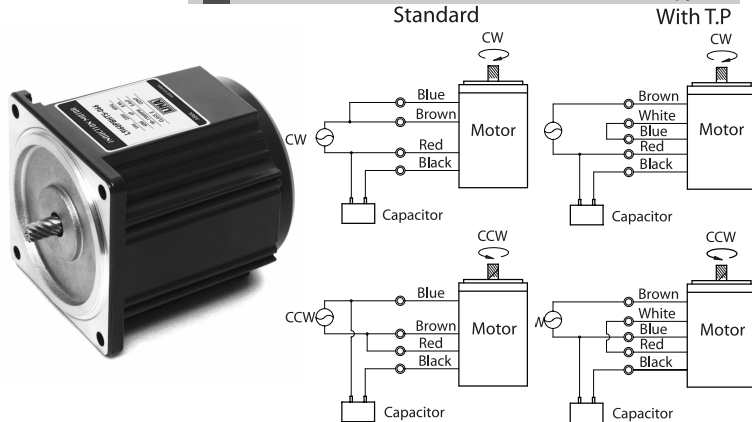
## DIMENSIONS



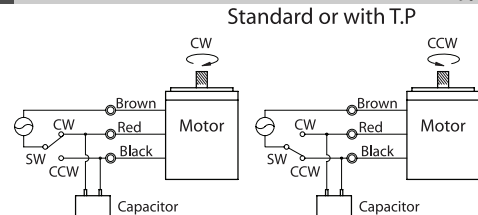
## SPEED-TORQUE CURVE



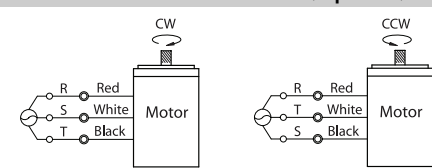
## CONNECTION DIAGRAMS (4-lead wire type)



## CONNECTION DIAGRAMS (3-lead wire type)



## CONNECTION DIAGRAMS (3 phase)



The direction of rotation is seen from the end of motor shaft.