



25W (1/30 HP)

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

Single-Phase

LEAD WIRE TYPE

SPECIFICATIONS

CONTINUOUS DUTY, INSULATION CLASS A or E, 4POLES

Model	Maximum Output		Voltage (V)	Frequency (Hz)	Input (W)	Max. Current (A)	Permissible Torque						Speed Range (rpm)	Starting Torque			Capacitor (μF)
	(HP)	(W)					1200(rpm)			90(rpm)				(kg-cm)	(N-m)	(oz-in)	
L8125□C LT	1/30	25	1∅100	50	60	0.71	1.75	0.172	24.30	0.55	0.054	7.64	90~1400	1.25	0.123	17.36	6
60				60	0.65	2	0.196	27.77	0.55	0.054	7.64	90~1700	1.25	0.123	17.36		
L8125□D LT	1/30	25	1∅200	50	60	0.35	1.75	0.172	24.30	0.55	0.054	7.64	90~1400	1.45	0.142	20.14	1.8
60				60	0.35	2	0.196	27.77	0.55	0.054	7.64	90~1700	1.45	0.142	20.14		
L8125□B LT	1/30	25	1∅220	60	65	0.37	2	0.196	27.77	0.60	0.059	8.33	90~1700	1.6	0.157	22.22	1.5
L8125□E LT	1/30	25	1∅115	60	60	0.69	1.75	0.172	24.30	0.50	0.049	6.94	90~1700	1.2	0.118	16.66	4
L8125□X LT	1/30	25	1∅220~240	50	60	0.32	1.85	0.181	25.69	0.55	0.054	7.64	90~1400	1.25	0.123	17.36	1.5

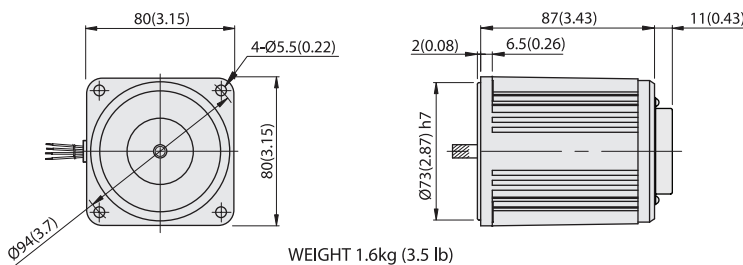
- * Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- * Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- * In case of some models certificated for export, the special cord like CE or UL is added after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

SPEED CONTROL INDUCTION MOTORS

DIMENSIONS

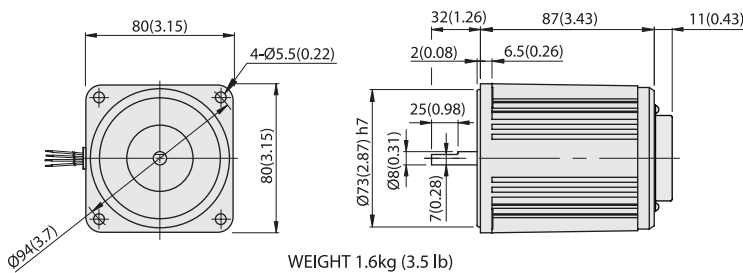
L8125P□ LT

Unit : mm(inch)



WEIGHT 1.6kg (3.5 lb)

L8125D□ LT

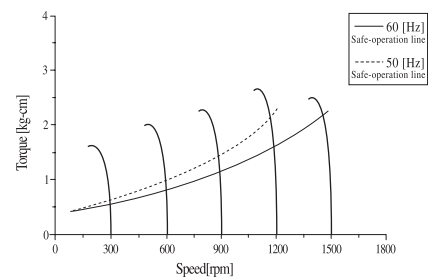


WEIGHT 1.6kg (3.5 lb)



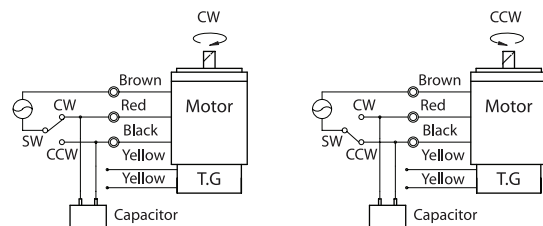
SPEED-TORQUE CURVE

Single phase L8125□□ LT



CONNECTION DIAGRAMS

Standard or with T.P



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