



40W (1/18.5 HP)

SPEED CONTROL INDUCTION MOTORS Frame size 90mm sq. (3.54 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)	
L9160□C HT	1/12.5	60	1∅100	50	150	1.65	5.5	0.539	76.38	1.8	0.176	25.00	90~1400	3	0.294	41.66	15
60							150	1.60	5	0.490	69.43	1.8	0.176	25.00	90~1700	3	
L9160□D HT	1/12.5	60	1∅200	50	150	0.75	5.5	0.539	76.38	1.8	0.176	25.00	90~1400	3.9	0.382	54.16	4.5
60							150	0.75	5	0.490	69.43	1.8	0.176	25.00	90~1700	3.9	
L9160□B HT	1/12.5	60	1∅220	60	160	0.9	5.5	0.539	76.38	2	0.196	27.77	90~1700	3.5	0.343	48.60	4
L9160□E HT	1/12.5	60	1∅115	60	150	1.58	5.5	0.539	76.38	1.8	0.176	25.00	90~1700	3	0.294	41.66	12
L9160□X HT	1/12.5	60	1∅220~240	50	160	0.83	5.8	0.568	80.54	1.8	0.176	25.00	90~1400	4.2	0.412	58.33	4

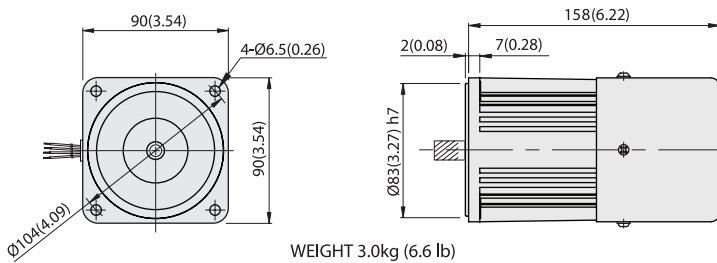
- * Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- * Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- * In case of some models certificated for export, the special cord like CE or UL is added after 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

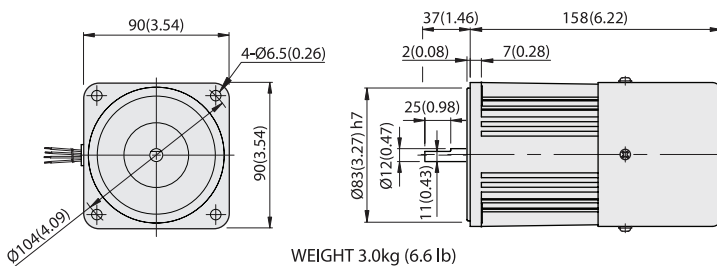
L9160P□ HT

Unit : mm(inch)



WEIGHT 3.0kg (6.6 lb)

L9160D□ LT

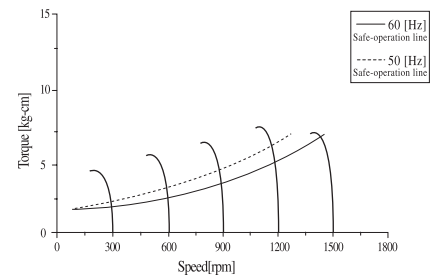


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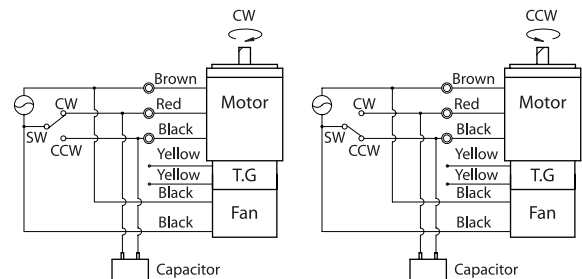
SPEED-TORQUE CURVE

Single phase L9160□□ HT



CONNECTION DIAGRAMS (3-lead wire type)

Standard or with T.P



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