



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)	
L9140□C LT	1/18.5	40	1∅100	50	90	1.10	2.7	0.265	37.49	0.8	0.078	11.11	90~1400	2	0.196	27.77	10
60				90	1.10	2.1	0.206	29.16	0.8	0.078	11.11	90~1700	2	0.196	27.77		
L9140□D LT	1/18.5	40	1∅200	50	90	.052	2.7	0.265	37.49	0.8	0.078	11.11	90~1400	2.4	0.235	33.33	3
60				90	.052	2.1	0.206	29.16	0.8	0.078	11.11	90~1700	2.4	0.235	33.33		
L9140□B LT	1/18.5	40	1∅220	60	95	0.5	2.7	0.265	37.49	1	0.098	13.89	90~1700	2.4	0.235	33.33	2.5
L9140□E LT	1/18.5	40	1∅115	60	90	1.10	2.5	0.245	34.72	0.8	0.078	11.11	90~1700	2	0.196	27.77	8
L9140□X LT	1/18.5	40	1∅220~240	50	100	0.58	2.8	0.274	38.88	1	0.098	13.89	90~1400	2.7	0.265	37.49	2.5

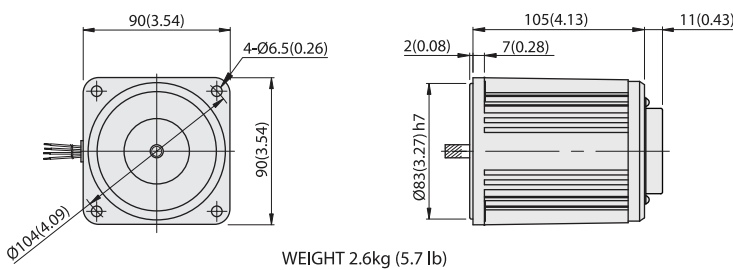
- * Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- * Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- * In case of some models certificated for export, the special cord like CE or UL is added after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

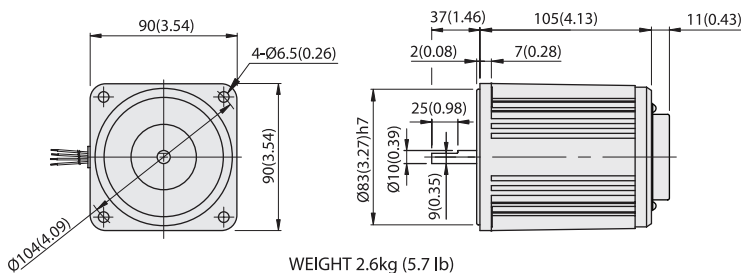
L9140P□LT

Unit : mm(inch)



WEIGHT 2.6kg (5.7 lb)

L9140D□LT

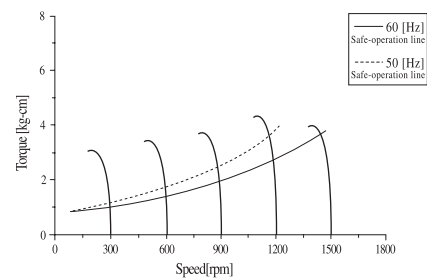


WEIGHT 2.6kg (5.7 lb)



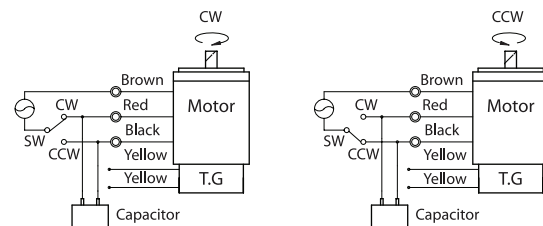
SPEED-TORQUE CURVE

Single phase L9140□□LT



CONNECTION DIAGRAMS

Standard or with T.P



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