



6W (1/124 HP)

SPEED CONTROL INDUCTION MOTORS Frame size 61mm sq. (2.4 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)	
L616□C LT	1/124	6	1∅100	50	25	0.28	0.48	0.047	6.67	0.4	0.039	5.55	90~1400	0.46	0.045	6.39	3
				60	25	0.26	0.48	0.047	6.67	0.4	0.039	5.55	90~1700	0.46	0.045	6.39	
L616□D LT	1/124	6	1∅200	50	25	0.14	0.48	0.047	6.67	0.4	0.039	5.55	90~1400	0.46	0.045	6.39	0.8
				60	25	0.14	0.48	0.047	6.67	0.4	0.039	5.55	90~1700	0.46	0.045	6.39	
L616□B LT	1/124	6	1∅220	60	25	0.15	0.5	0.049	6.94	0.42	0.041	5.83	90~1700	0.47	0.046	6.53	0.7
L616□E LT	1/124	6	1∅115	60	25	0.28	0.5	0.049	6.94	0.42	0.041	5.83	90~1700	0.45	0.044	6.25	2.5
L616□X LT	1/124	6	1∅220~240	50	25	0.15	0.47	0.046	6.53	0.32	0.031	4.44	90~1400	0.45	0.044	6.25	0.7

* Model in grey screen represents the motors with IMPEDANCE PROTECTED according to UL regulation.

* Model in dark grey screen represents the motors with IMPEDANCE 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.

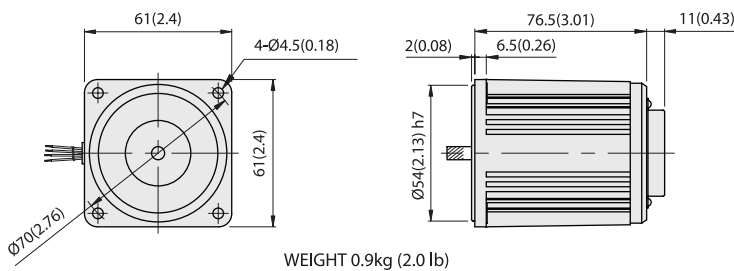
* Insulation class for motors which acquired certificates for export is B.

SPEED CONTROL INDUCTION MOTORS

DIMENSIONS

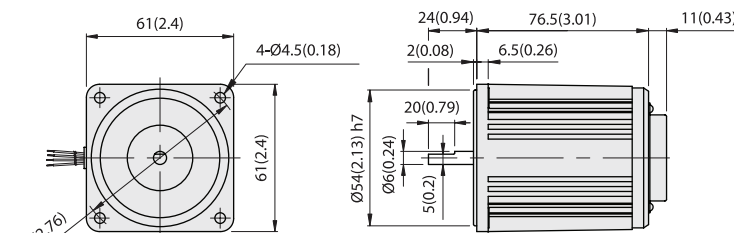
L616P□LT

Unit : mm(inch)



WEIGHT 0.9kg (2.0 lb)

L616D□LT

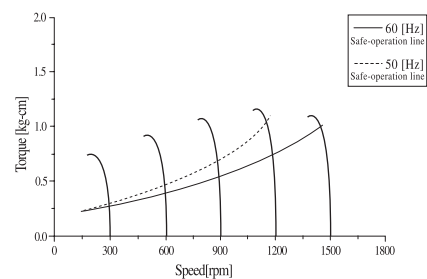


WEIGHT 0.9kg (2.0 lb)



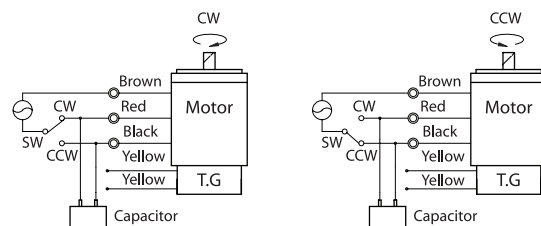
SPEED-TORQUE CURVE

Single phase L616□□LT



CONNECTION DIAGRAMS

Standard or with T.P



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