180W (1/4 HP)

TERMINAL BOX TYPE INDUCTION MOTORS Frame size 90mm sq. (3.54 in. sq.)

Single-Phase

BOX TYPE

SPECIFICATIONS

CONTINUOUS DUTY, INSULATION CLASS A or E, 4POLES

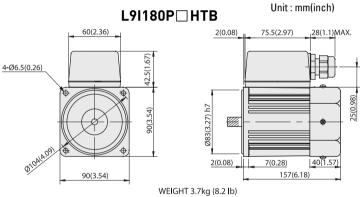
Model	Output		Voltage	Frequency	Rated						Starting Torque			Capacitor
					Input	Current	Torque			Speed	January Forquo		Capaditor	
	(HP)	(W)	(V)	(Hz)	(W)	(A)	(kg-cm)	(N-m)	(oz-in)	(rpm)	(kg-cm)	(N-m)	(oz-in)	(μF)
L9I180□CHTB	1/4	180	1Ø100	50	340	3.30	13.5	1.323	187.47	1300	7.7	0.755	106.93	30
				60	340	3.20	11	1.078	152.76	1600	7.7	0.755	106.93	
L9I180□DHTB	1/4	180	1Ø200	50	340	1.75	13.5	1.323	187.47	1300	8	0.784	111.10	8
				60	340	1.65	11	1.078	152.76	1600	8	0.784	111.10	
L9I180□BHTB	1/4	180	1Ø220	60	370	1.5	11	1.078	152.76	1600	7.7	0.755	106.93	7
L9I180 □ E HTB	1/4	180	1Ø115	60	340	2.7	11	1.078	152.76	1600	7.7	0.755	106.93	25
L9I180 □ X HTB	1/4	180	1Ø220~240	50	330	1.3	13.5	1.323	187.47	1300	8	0.784	111.10	7

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

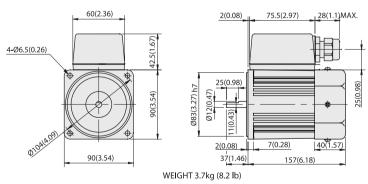
 * Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.

 * 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 L9I180P□HTB



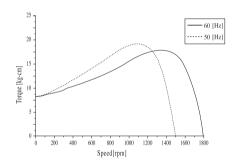
L9I180D□LTB





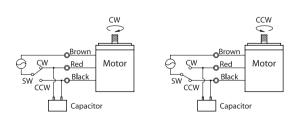
SPEED-TORQUE CURVE

Single phase L9I180 □□HTB



CONNECTION DIAGRAMS

Standard or with T.P



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