



# 180W (1/4 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)	
						(kg-cm)	(N-m)	(oz-in)	(kg-cm)	(N-m)	(oz-in)						
L9I180□B HT	1/4	180	1∅220	60	350	1.9	9.26	0.908	128.6	4.5	0.441	62.49	90~1700	6.2	0.608	86.1	7
L9I180□X HT	1/4	180	1∅220-240	50	350	1.8	11.12	1.09	154.43	5.3	0.520	73.60	90~1400	6.2	0.608	86.1	7

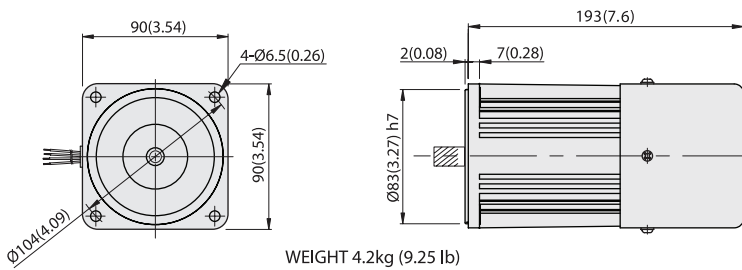
- \* Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- \* Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- \* In case of some models certificated for export, the special cord like CE or UL is added after the existing model no. ex) L9I60□XH-CE, L9I60□EH-UL.
- \* Insulation class for motors which acquired certificates for export is B.

SPEED CONTROL INDUCTION MOTORS

### DIMENSIONS

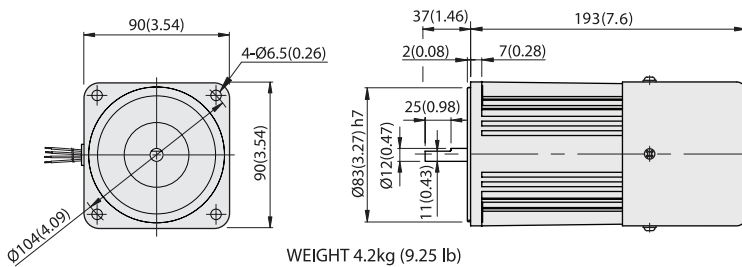
#### L9I180P□ HT

Unit : mm(inch)



WEIGHT 4.2kg (9.25 lb)

#### L9I180D□ LT

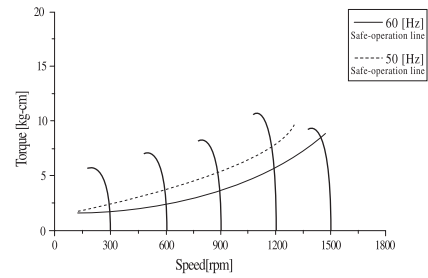


WEIGHT 4.2kg (9.25 lb)



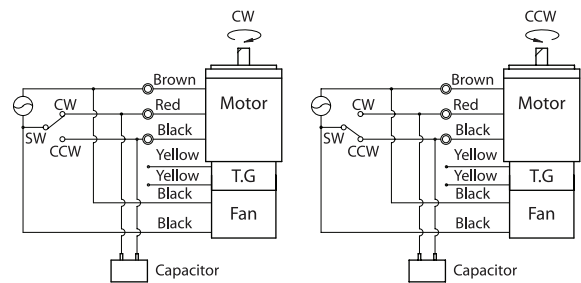
### SPEED-TORQUE CURVE

Single phase L9I180□□ HT



### CONNECTION DIAGRAMS (3-lead wire type)

Standard or with T.P



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