



# 120W (1/6 HP)

## SPEED CONTROL REVERSIBLE 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)	
<b>L9R120□C HT</b>	1/6	120	1∅100	50	280	3.2	7.4	0.725	102.76	5.8	0.568	80.54	90~1400	7.5	0.735	104.15	40
							6.2	0.608	86.10	5.8	0.568	80.54	90~1700	7.5	0.735	104.15	
<b>L9R120□D HT</b>	1/6	120	1∅200	50	280	1.55	7.4	0.725	102.76	5.8	0.568	80.54	90~1400	7.5	0.735	104.15	10
							1.70	0.608	86.10	5.8	0.568	80.54	90~1700	7.5	0.735	104.15	
<b>L9R120□B HT</b>	1/6	120	1∅220	60	280	1.60	8.4	0.823	116.65	6	0.588	83.32	90~1700	8.5	0.833	118.04	9
<b>L9R120□E HT</b>	1/6	120	1∅115	60	280	3.3	6.2	0.608	86.10	5.8	0.568	80.54	90~1700	7	0.686	97.21	30
<b>L9R120□X HT</b>	1/6	120	1∅220~240	50	280	1.50	7.4	0.725	102.76	6	0.588	83.32	90~1400	8.3	0.813	115.26	9

\* 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.

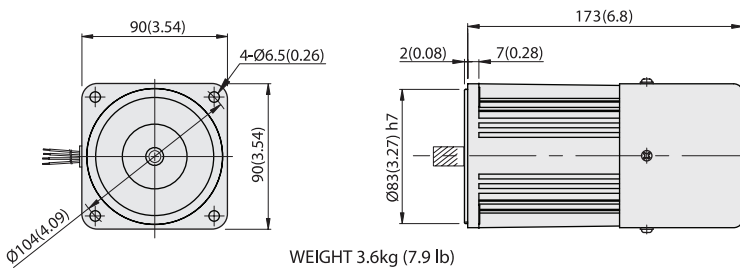
\* Insulation class for motors which acquired certificates for export is B.

SPEED CONTROL REVERSIBLE MOTORS

### DIMENSIONS

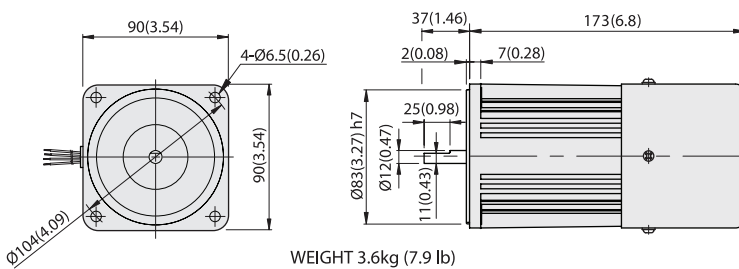
#### L9R120P□ HT

Unit : mm(inch)



WEIGHT 3.6kg (7.9 lb)

#### L9R120D□ LT

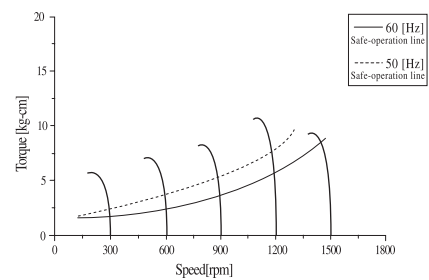


WEIGHT 3.6kg (7.9 lb)



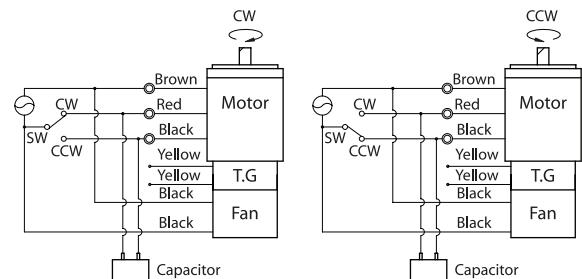
### SPEED-TORQUE CURVE

Single phase L9R120□□ HT



### CONNECTION DIAGRAMS

Standard or with T.P.



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