



120W (1/6 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)	
L9I120□CHT	1/6	120	1∅100	50	260	3.0	8	0.784	111.10	4	0.392	55.55	90~1400	6.1	0.598	84.71	30
60							260	3.0	6.5	0.637	90.27	4	0.392				
L9I120□DHT	1/6	120	1∅200	50	260	1.24	8	0.784	111.10	4	0.392	55.55	90~1400	6.1	0.598	84.71	8
60							260	1.44	6.5	0.637	90.27	4	0.392				
L9I120□BHT	1/6	120	1∅220	60	270	1.6	6.5	0.637	90.27	4	0.392	55.55	90~1700	6.8	0.666	94.43	7
L9I120□EHT	1/6	120	1∅115	60	270	3.0	6.5	0.367	90.27	4	0.392	55.55	90~1700	5.9	0.578	81.93	25
L9I120□XHT	1/6	120	1∅220~240	50	270	1.3	8	0.784	111.10	4	0.392	55.55	90~1400	6.8	0.666	94.43	7

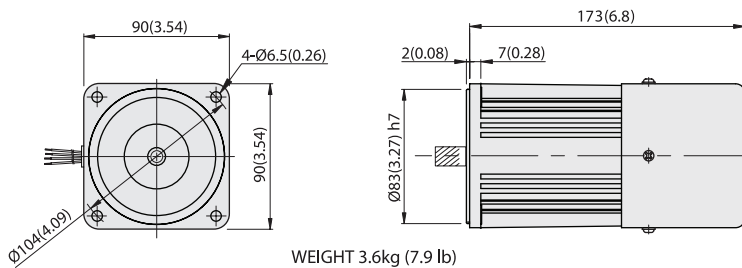
- * Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- * Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- * In case of some models certificated for export, the special cord like CE or UL is added after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

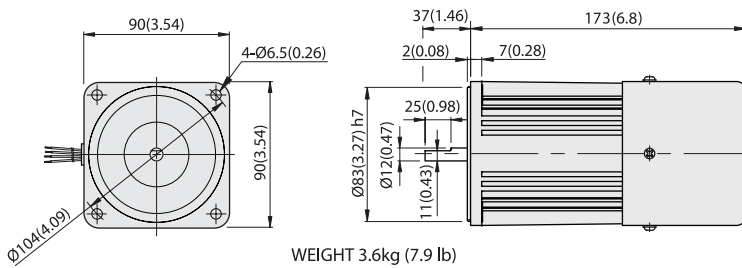
L9I120P□HT

Unit : mm(inch)



WEIGHT 3.6kg (7.9 lb)

L9I120D□LT

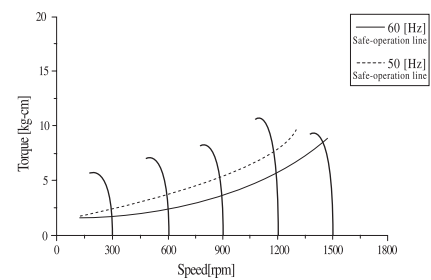


WEIGHT 3.6kg (7.9 lb)



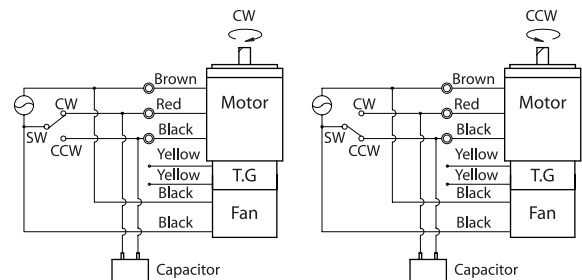
SPEED-TORQUE CURVE

Single phase L9I120□□HT



CONNECTION DIAGRAMS

Standard or with T.P.



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