



60W (1/8 HP)

SPEED CONTROL & BRAKE REVERSIBLE MOTORS Frame size 90mm sq. (3.54 in. sq.)

Single-Phase

LEAD WIRE TYPE

SPECIFICATIONS

30MIN. DUTY, INSULATION CLASS A or E, 4POLES

Model	Output (W)	Voltage (V)	Freq. (Hz)	Input (W)	Max. Current (A)	Permissible Torque						Speed Range (rpm)	Starting Torque			Capacitor (μ F)
						1200(rpm)			900(rpm)				(kg-cm)	(N-m)	(oz-in)	
						(kg-cm)	(N-m)	(oz-in)	(kg-cm)	(N-m)	(oz-in)					
L9R60□C HES	60	1 \varnothing 100	50	175	1.95	4.9	0.480	68.05	3.1	0.304	43.05	90~1400	5.6	0.549	77.77	28
			60	175	2.10	4.1	0.402	56.94	3.1	0.304	43.05	90~1700	5.6	0.549	77.77	
L9R60□D HES	60	1 \varnothing 200	50	175	0.94	4.9	0.480	68.05	3.1	0.304	43.05	90~1400	4.5	0.441	62.49	6
			60	175	1.10	4.1	0.402	56.94	3.1	0.304	43.05	90~1700	4.5	0.441	62.49	
L9R60□B HES	60	1 \varnothing 220	60	195	1.21	5.2	0.510	72.21	3.5	0.343	49.60	90~1700	6.1	0.598	84.71	6.5
L9R60□E HES	60	1 \varnothing 115	60	175	1.85	4.1	0.402	56.94	3.1	0.304	43.05	90~1700	4.5	0.441	62.49	20
L9R60□X HES	60	1 \varnothing 220~240	50	175	0.91	4.9	0.480	68.05	3.1	0.304	43.05	90~1400	5.5	0.539	76.38	5

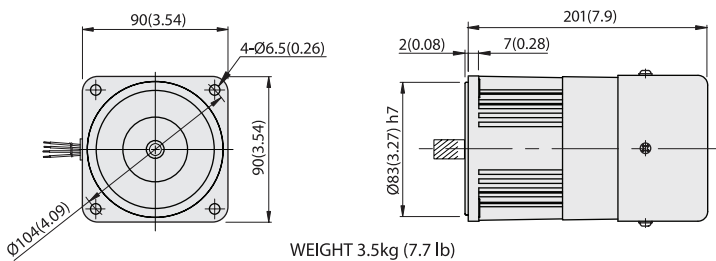
- * Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- * Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- * In case of some models certificated for export, the special cord like CE or UL is added after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

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DIMENSIONS

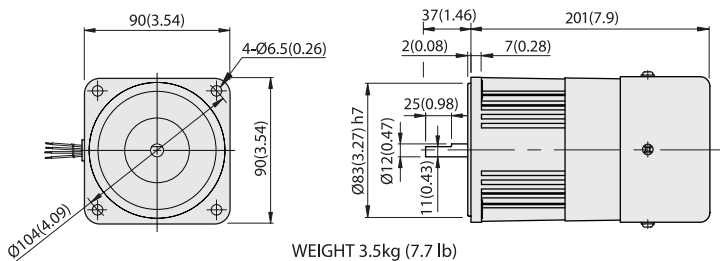
L9R60P□HES

Unit : mm(inch)



WEIGHT 3.5kg (7.7 lb)

L9R60D□LES

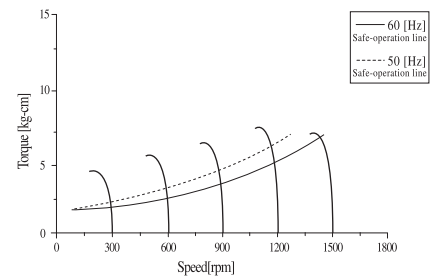


WEIGHT 3.5kg (7.7 lb)



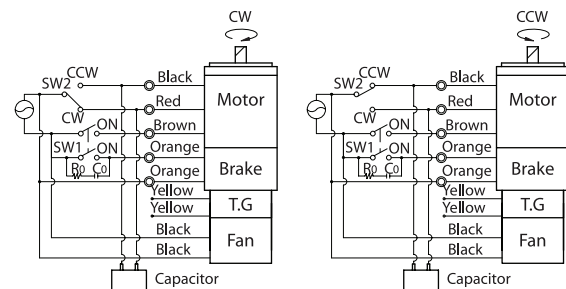
SPEED-TORQUE CURVE

Single phase L9R60□□HES



CONNECTION DIAGRAMS

Standard or with T.P(Thermal protector)



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