



25W (1/30 HP)

BRAKE MOTORS Frame size 80mm sq. (3.15 in. sq.)

Single-Phase, Three-Phase

LEAD WIRE TYPE

SPECIFICATIONS

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

Model	Output		Voltage (V)	Frequency (Hz)	Rated						Starting Torque			Magnetic Brake			Capacitor (μ F)	
	(HP)	(W)			Input (W)	Current (A)	Torque			Speed (rpm)	(kg-cm)	(N-m)	(oz-in)	Torque				Current (A)
							(kg-cm)	(N-m)	(oz-in)					(kg-cm)	(N-m)	(oz-in)		
L8R25□C LE	1/30	25	1 \varnothing 100	50	65	0.60	1.95	0.191	27.08	1250	1.6	0.157	22.22	4	0.392	55.55	0.09	10
60				65	0.67	1.6	0.157	22.22	1550	1.6	0.157	22.22	4	0.392	55.55	0.09		
L8R25□D LE	1/30	25	1 \varnothing 200	50	65	0.28	1.95	0.191	27.08	1250	1.6	0.157	22.22	4	0.392	55.55	0.09	2.5
60				65	0.33	1.6	0.157	22.22	1550	1.6	0.157	22.22	4	0.392	55.55	0.09		
L8R25□B LE	1/30	25	1 \varnothing 220	60	80	0.37	1.6	0.157	22.22	1550	2.2	0.216	30.55	4	0.392	55.55	0.09	2.5
L8R25□E LE	1/30	25	1 \varnothing 115	60	65	0.65	1.53	0.150	21.25	1600	1.6	0.157	22.22	4	0.392	55.55	0.09	8
L8R25□X LE	1/30	25	1 \varnothing 220-240	50	70	0.29	1.95	0.191	27.08	1250	2.1	0.206	29.16	4	0.392	55.55	0.09	2
L8I25□U LE	1/30	25	3 \varnothing 200	50	70	0.26	1.9	0.186	26.39	1300	5.9	0.578	81.93	4	0.392	55.55	0.09	-
				60	70	0.24	1.6	0.157	22.22	1550	4.7	0.461	65.27	4	0.392	55.55	0.09	
L8I25□T LE	1/30	25	3 \varnothing 200-230	50	70	0.3	1.85	0.181	25.69	1350	7.7	0.755	106.23	4	0.392	55.55	0.09	-
				60	70	0.25	1.55	0.152	21.52	1600	6.1	0.598	84.71	4	0.392	55.55	0.09	
L8I25□S LE	1/30	25	3 \varnothing 380-415	50	70	0.27	1.85	0.181	25.69	1350	7.7	0.755	106.93	4	0.39	55.55	0.09	-
				60	70	0.23	1.55	0.152	21.52	1600	6.1	0.598	84.71	4	0.39	55.55	0.09	

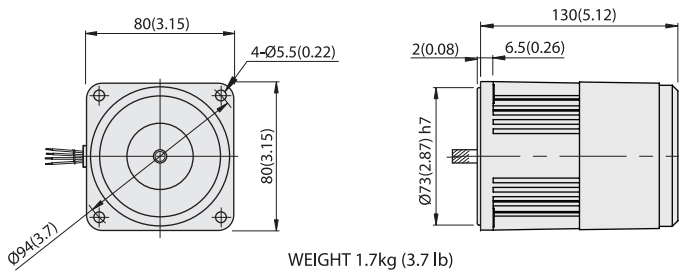
- * Model in grey screen represents the motors with THERMALLY PROTECTED according to UL regulation.
- * Model in dark grey screen represents the motors with THERMALLY PROTECTED according to CE regulation.
- * In case of some models certificated for export, the special cord like CE or UL is added after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

BRAKE MOTORS

DIMENSIONS

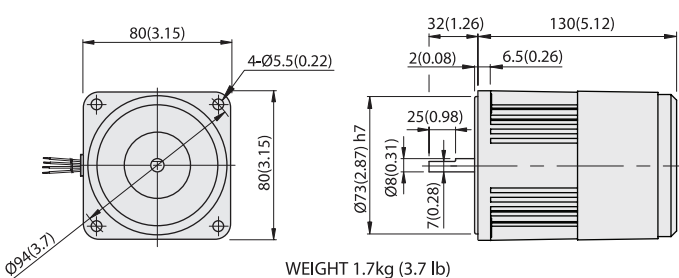
Unit : mm(inch)

L8R25P□LE(1ph) / L8I25P□LE(3ph)



WEIGHT 1.7kg (3.7 lb)

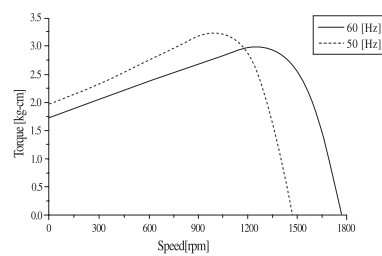
L8R25D□LE(1ph) / L8I25D□LE(3ph)



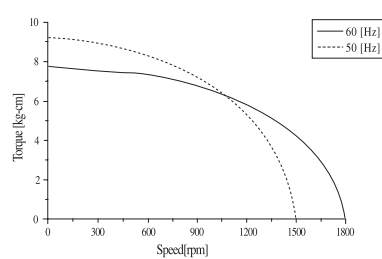
WEIGHT 1.7kg (3.7 lb)

SPEED-TORQUE CURVE

Single phase L8R25□□LE



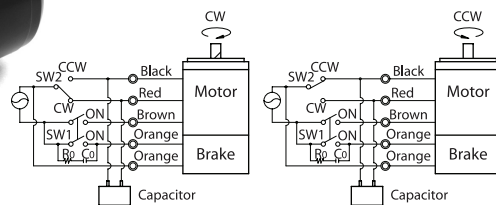
Three phase L8I25□□LE



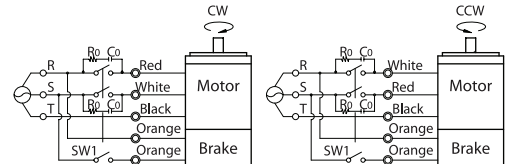
CONNECTION DIAGRAMS

Standard or with T.P

Single Phase



Three Phase



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