

INDUCTION MOTORS

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

Single-Phase, Three-Phase

LEAD WIRE TYPE

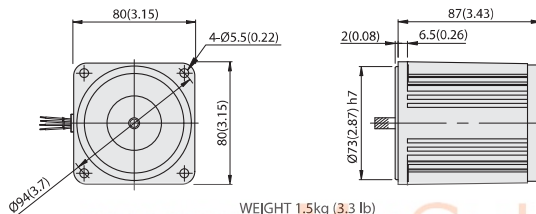
25W (1/30 HP)

DIMENSIONS

SPEED-TORQUE CURVE

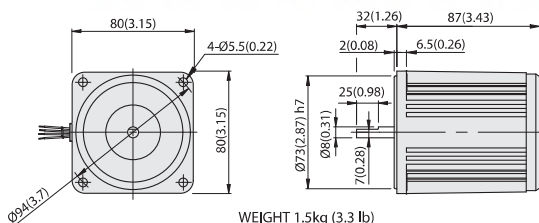
Unit : mm(inch)

E8125P□L



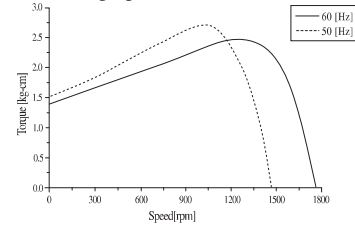
WEIGHT 1.5kg (3.3 lb)

E8125□

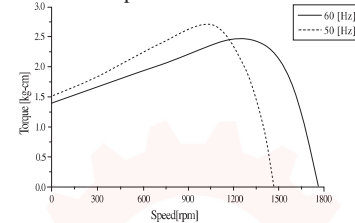


WEIGHT 1.5kg (3.3 lb)

Single phase E8125□□

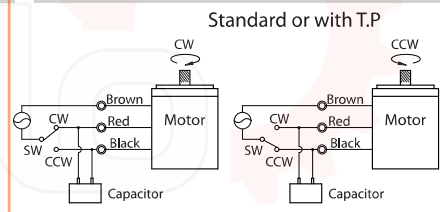
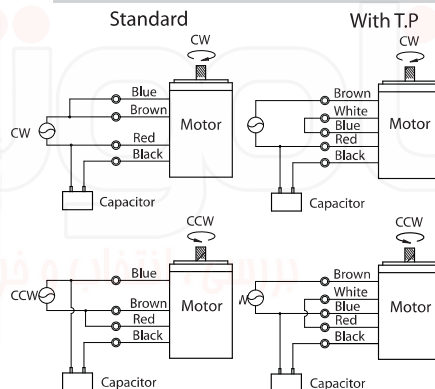


Three phase E8125□□

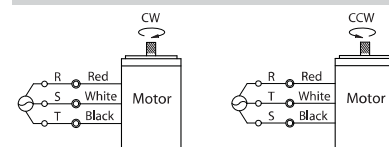


CONNECTION DIAGRAMS (4-lead wire type)

CONNECTION DIAGRAMS (3-lead wire type)



CONNECTION DIAGRAMS (3 phase)



SPECIFICATIONS

CONTINUOUS DUTY, INSULATION CLASS A or E, 4POLES

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

Model	Output		Voltage	Frequency	Rated						Starting Torque			Capacitor
	(HP)	(W)			Input	Current	Torque		Speed		(kg-cm)	(N-m)	(oz-in)	
			(V)	(Hz)	(W)	(A)	(kg-cm)	(N-m)	(oz-in)	(rpm)				(μ F)
E8125□C	1/30	25	1Ø 100	50	60	0.57	1.95	0.191	27.08	1250	1.25	0.123	17.36	6
				60	60	0.52	1.6	0.157	22.22	1550	1.25	0.123	17.36	
E8125□D	1/30	25	1Ø 200	50	60	0.28	1.95	0.191	27.08	1250	1.45	0.142	20.14	1.8
				60	60	0.28	1.6	0.157	22.22	1550	1.45	0.142	20.14	
E8125□B	1/30	25	1Ø 220	60	65	0.3	1.6	0.157	22.22	1550	1.6	0.157	22.22	1.5
E8125□E	1/30	25	1Ø 115	60	60	0.55	1.6	0.157	22.22	1550	1.2	0.118	16.66	4
E8125□X	1/30	25	1Ø 220~240	50	60	0.25	1.95	0.191	27.08	1300	1.25	0.123	17.36	1.5
E8125□U	1/30	25	3Ø 200	50	70	0.26	1.9	0.186	26.39	1250	5.9	0.578	81.93	-
				60	70	0.24	1.6	0.157	22.22	1550	4.7	0.461	65.27	
E8125□T	1/30	25	3Ø 200~230	50	70	0.3	1.85	0.181	25.69	1350	7.7	0.755	106.93	-
				60	70	0.25	1.55	0.152	21.52	1600	6.1	0.598	84.71	
E8125□S	1/30	25	3Ø 380~415	50	70	0.27	1.85	0.181	25.69	1350	7.7	0.755	106.93	-
				60	70	0.23	1.55	0.152	21.52	1600	6.1	0.598	84.71	
E8125□R	1/30	25	3Ø 440	50	70	0.16	1.85	0.181	25.69	1350	7.7	0.755	106.93	-
				60	70	0.12	1.55	0.152	21.52	1600	6.1	0.598	84.71	

* 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) E9160I DXH-CE, E9160I IEH-UL.

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

GEARHEADS

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

METAL TYPE & BALL BEARING TYPE

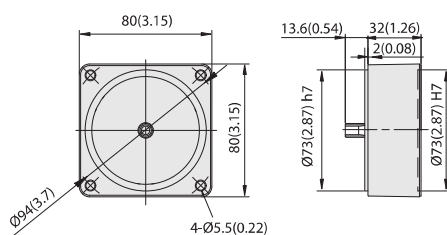
DIMENSIONS

DECIMAL GEARHEAD

GEARHEAD

Unit : mm(inch)

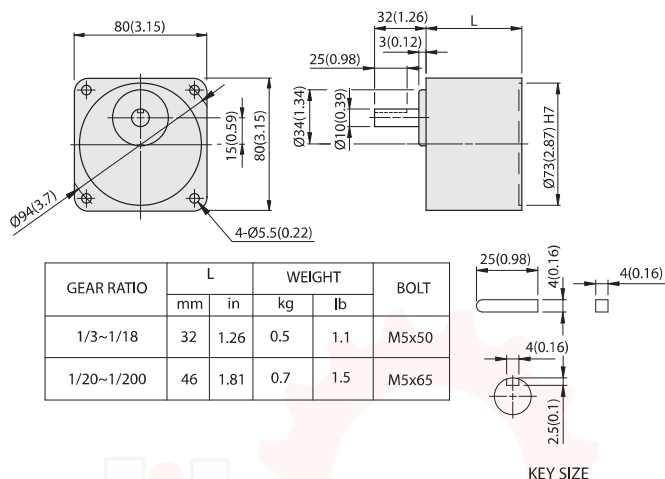
E8G10D



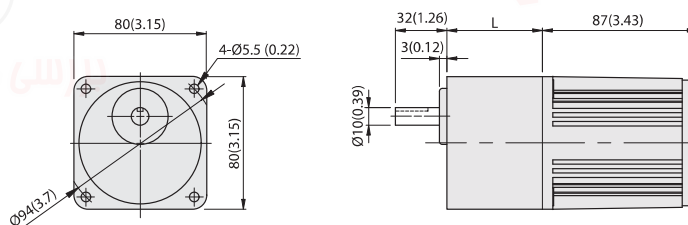
WEIGHT 0.4kg(0.88 lb)



E8HK□M(B)



E8HK□M(B) + E8I25P□L



RATED TORQUE OF GEARHEAD

www.MuGuL.com

MODEL	Speed(rpm)	500	300	200	120	100	60	50	30	20	15	10	9
	Ratio	50Hz	3	5	7.5	12.5	15	25	30	50	75	100	166.7
		60Hz	3.6	6	9	15	18	30	36	60	90	120	200
E8HK□M E8HK□B	kg-cm	4.7	7.9	11.8	19.7	23.7	35.6	42.7	64.4	80	80	80	80
	N-m	0.46	0.77	1.16	1.93	2.32	3.49	4.19	6.31	7.84	7.84	7.84	7.84
	oz-in	66	110	165	274	329	494	593	894	1111	1111	1111	1111

* The normal torque is that the motor and gearhead are directly coupled.

* Insert the denominator of reduction ratio in □ of gearhead model name.

* Actual rotation speed is 2~15% less than synchronous speed.

* Color indicates that the rotation of gearhead shaft is in opposite direction as output shaft of motor.