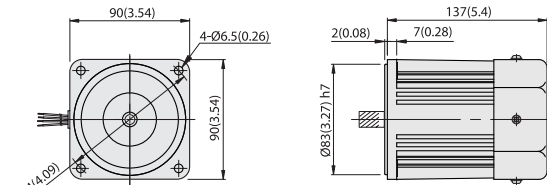


DIMENSIONS

SPEED-TORQUE CURVE

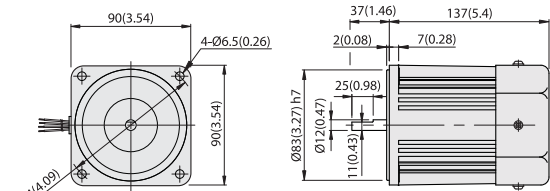
Unit : mm(inch)

E91120P□H



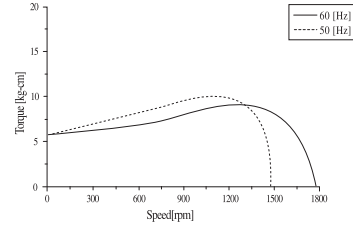
WEIGHT 3.2kg (7.1 lb)

E91120D□

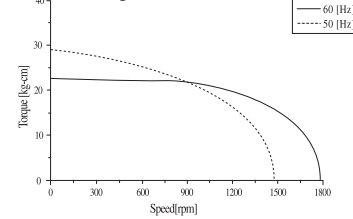


WEIGHT 3.2kg (7.1 lb)

Single phase E91120□□

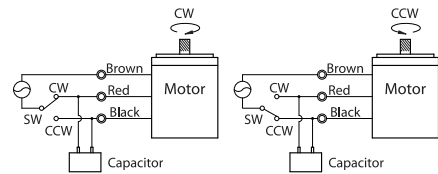


Three phase E91120□□

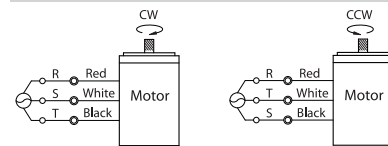


CONNECTION DIAGRAMS (3-lead wire type)

Standard or with T.P



CONNECTION DIAGRAMS (3 phase)



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

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SPECIFICATIONS

CONTINUOUS DUTY, INSULATION CLASS A or E, 4POLES

Model	Output		Voltage (V)	Frequency (Hz)	Rated						Starting Torque			Capacitor (μF)
	(HP)	(W)			Input (W)	Current (A)	Torque			Speed (rpm)	(kg-cm)	(N-m)	(oz-in)	
E91120□C	1/6	120	1Ø 100	50	240	2.30	9.4	0.921	130.54	1250	6.1	0.598	84.71	30
				60	240	2.30	7.6	0.745	105.54	1550	6.1	0.598	84.71	
E91120□D	1/6	120	1Ø 200	50	240	0.95	9.4	0.921	130.54	1250	6.1	0.598	84.71	8
				60	240	1.10	7.6	0.745	105.54	1550	6.1	0.598	84.71	
E91120□B	1/6	120	1Ø 220	60	250	1.2	7.4	0.725	102.76	1600	6.8	0.666	94.43	7
E91120□E	1/6	120	1Ø 115	60	250	2.3	7.4	0.725	102.76	1600	5.9	0.578	81.93	25
E91120□X	1/6	120	1Ø 220~240	50	250	1.0	9.4	0.921	130.54	1250	6.8	0.666	94.43	7
E91120□U	1/6	120	3Ø 200	50	200	0.71	8.7	0.853	120.82	1350	22	2.156	305.51	-
				60	200	0.67	7.6	0.745	105.54	1550	17	1.666	236.08	
E91120□T	1/6	120	3Ø 200~230	50	240	0.88	8.7	0.853	120.82	1350	27	2.646	374.95	-
				60	240	0.82	7.4	0.725	102.76	1600	21	2.058	291.63	
E91120□S	1/6	120	3Ø 380~415	50	240	0.51	8.7	0.853	120.82	1350	27	2.646	374.95	-
				60	240	0.48	7.4	0.725	102.76	1600	21	2.058	291.63	
E91120□R	1/6	120	3Ø 440	50	240	0.45	8.7	0.853	120.82	1350	27	2.646	374.95	-
				60	240	0.41	7.4	0.725	102.76	1600	21	2.058	291.63	

* 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) E9160| XH-CE, E9160| EH-UL.

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

GEARHEADS(POWERFUL TYPE)

Frame size 90mm sq. (3.54 in. sq.)

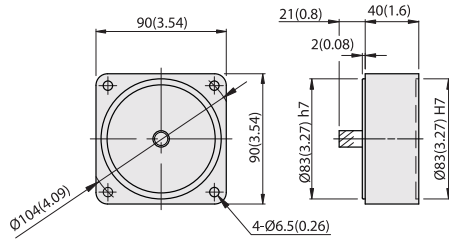
BALL BEARING TYPE

DIMENSIONS

Unit : mm(inch)

DECIMAL GEARHEAD

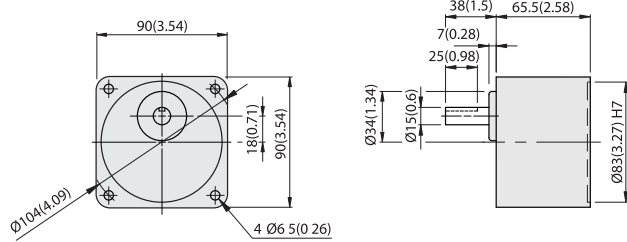
E9V10D



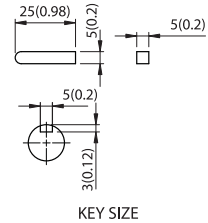
WEIGHT 0.6kg (1.3 lb)

GEARHEAD

E9VK□B



MODEL	GEAR RATIO	WEIGHT		BOLT
		kg	lb	
E9VK□B	1/3~1/200	1.5	3.3	M6x95
E9WK□B	1/3~1/200	1.6	3.5	M6xL25



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RATED TORQUE OF GEARHEAD

MODEL	Speed(rpm)	500	300	200	120	100	60	50	30	20	15	10	9	6	5	3	2	1	
		Ratio	50Hz	3	5	7.5	12.5	15	25	30	50	75	100	150	166.7	250	300	500	750
		60Hz	3.6	6	9	15	18	30	36	60	90	120	180	200	300	360	600	900	1800
E9VK□B	kg-cm	22.8	38.1	57.1	85.8	102.9	155.1	186.1	200	200	200	200	200	200	200	200	200	200	200
E9WK□B	N-m	2.24	3.73	5.60	8.41	10.09	15.20	18.24	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60
E9V10D(DECIMAL)	oz-in	317	529	793	1191	1429	2154	2585	2777	2777	2777	2777	2777	2777	2777	2777	2777	2777	2777

- * 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.

With Decimal Gearhead