

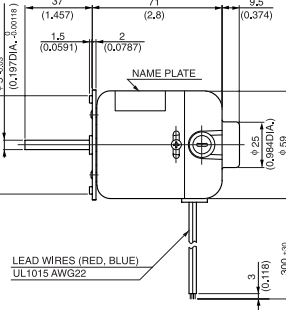
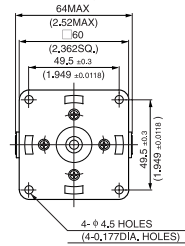
DME60

MODEL CODE	VOLTAGE	OUTPUT	CURRENT
SA	12V	13W	2.07A
SB	24V	13W	1A
BB	24V	26W	1.79A

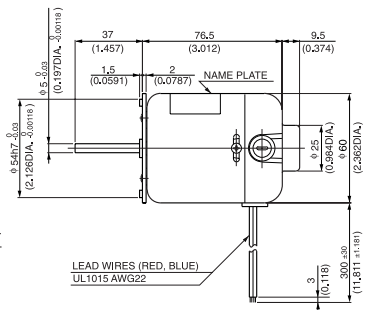
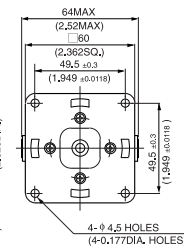


● DIMENSIONS Unit mm(inch)

DME60SA, DME60SB

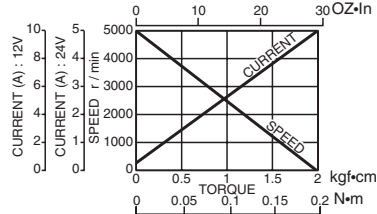


DME60BB

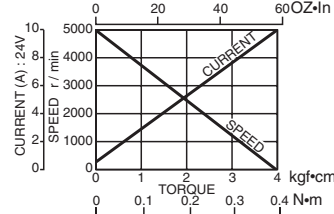


● CURRENT, SPEED-TORQUE CURVE

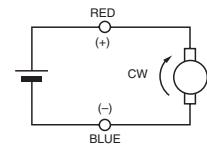
DME60SA, DME60SB



DME60BB



● CONNECTION



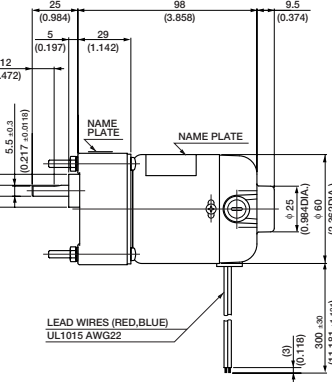
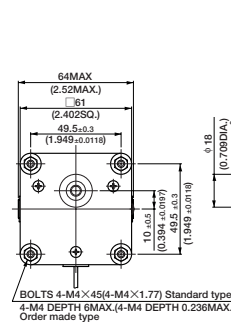
● STANDARD SPECIFICATIONS

Model	Rated						No load		Stall torque		Weight	
	Output W	Voltage V	Torque		Current A	Speed r/min	Current A	Speed r/min	mN-m	oz-in		
			mN-m	oz-in								
DME60SA	13	12	29	4.17	2.07	4300	0.6	5000	196	16.66	600	1.32
DME60SB	13	24	29	4.17	1.00	4300	0.33	5000	196	16.66	600	1.32
DME60BB	26	24	59	8.33	1.79	4300	0.42	5000	392	55.55	650	1.43

WITH GEARBOX 6DG

● DIMENSIONS Unit mm(inch)

DME60S6DG



NOTE:

6DG gearbox are available with either 4.5mm diameter mounting holes or M4 x 6mm tapped holes.

● Gearboxes with 4.5mm diameter mounting holes are available from stock. When ordering, please write the motor model and gearbox model numbers separately, as in the following example:

DME60S6HPB (Pinion shaft motor)
6DG (Gearbox)

● Gearboxes with M4 x 6mm tapped mounting holes are available on request. When ordering, please write the combine motor and gearbox model, as in the following example : DME60S6H B

● with 6DG TYPE GEARBOX MOTOR MODEL DME60S6HP☆ & GEARBOX MODEL 6DG□

Model	Gear ratio		5	12.5	15	*25	*30	*50	*75	*100	150	180	250
	Rated speed	r/min	860	344	286	172	143	87.2	60.9	46.8	35	30	21
	Rated torque	N-m	0.12	0.29	0.35	0.53	0.64	0.98	0.98	0.98	0.98	0.98	0.98
Model	Gear ratio		300	450	*500	*750	*900	*1800					
	Rated speed	r/min	17	12	9.8	6.6	5.5	2.7					
	Rated torque	N-m	0.98	0.98	0.98	0.98	0.98	0.98					
Model	Gear ratio		300	450	*500	*750	*900	*1800					
	Rated torque	oz-in	138.7	138.7	138.7	138.7	138.7	138.7					

NOTE

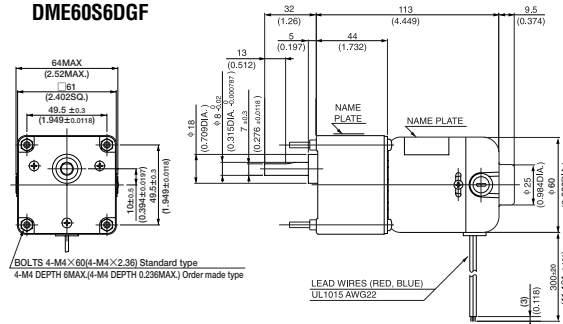
- 1: Enter the required reduction ratio in the □.
- 2: *Rotation of gearbox shaft is in reverse of rotation of motor.
- 3: Enter the required voltage A or B in the ☆.

**WITH GEARBOX
6DGF**



6DGF

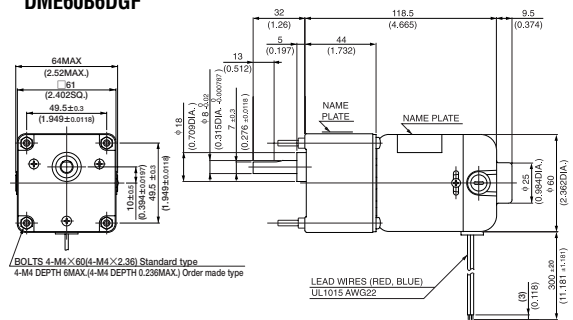
●DIMENSIONS Unit mm(inch)
DME60S6DGF



(WEIGHT 1.0 kg 2.2 lb)

MODEL CODE	VOLTAGE	OUTPUT	CURRENT
SA	12V	13W	2.07A
SB	24V	13W	1A
BB	24V	26W	1.79A

DME60B6DGF



(WEIGHT 1.05 kg 2.3 lb)

NOTE:

6DGF gearbox are available with either 4.5mm diameter mounting holes or M4 x 6mm tapped holes.

● Gearboxes with 4.5mm diameter mounting holes are available from stock. When ordering, please write the motor model and gearbox model numbers separately, as in the following example:

DME60S6HFPB (Pinion shaft motor)

6DG ☐ F (Gearbox)

● Gearboxes with M4 x 6mm tapped mounting holes are available on request. When ordering, please write the combine motor and gearbox model, as in the following example : **DME60S6HF□B**

●with 6DGF TYPE GEARBOX MOTOR MODEL **DME60S6HFP☆**, **DME60B6HFPB** & GEARBOX MODEL **6DG□F**

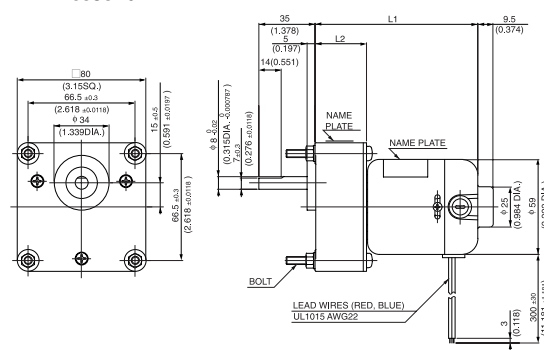
Model	Gear ratio		5	*12.5	*15	*25	*30	50	75	100	150	180
	Rated speed	r/min	860	344	286	172	143	86	57.3	43	29.4	25
DME60S6HFP & 6DG	Rated torque	N·m	0.12	0.27	0.32	0.53	0.64	0.96	1.4	1.9	2.4	2.4
		oz·in	16.66	37.50	45.83	74.99	48.61	136.09	194.42	263.86	347.18	347.18
DME60B6HFPB & 6DG	Rated speed	r/min	860	344	286	172	143	86	58.7	45	31.3	26.4
	Rated torque	N·m	0.24	0.53	0.64	1.0	1.3	1.9	2.4	2.4	2.4	2.4
		oz·in	33.33	74.99	90.27	152.76	180.53	263.86	347.18	347.18	347.18	347.18

WITH GEARBOX
8DG

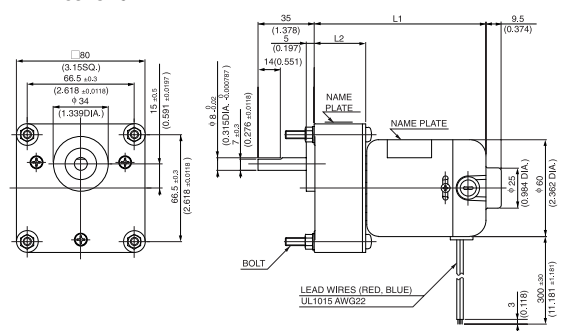


8DG

●DIMENSIONS Unit mm(inch)
DME60S8DG



DME60B8DG



NOTE :

When ordering, please write the motor model and gearbox model numbers separately, as in the following example:

DME60B8HPB (Pinion shaft motor)
8DG (Gearbox)

GEAR RATIO	L1		L2		BOLT		WEIGHT	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	kg	lb
30~150	101	3.98	32	1.26	M5X50	M5X1.969	1.1	2.4
250~1800	111	4.37	42	1.654	M5X60	M5X2.362	1.2	2.6

GEAR RATIO	L1		L2		BOLT		WEIGHT	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	kg	lb
30~150	106.5	4.193	32	1.26	M5X50	M5X1.969	1.15	2.5
250~1800	116.5	4.587	42	1.654	M5X60	M5X2.362	1.25	2.8

NOTE

- 1: Enter the required reduction ratio in the ☐.
- 2: *Rotation of gearbox shaft is in reverse of rotation of motor.
- 3: Enter the required voltage A or B in the ☐.

WITH GEARBOX 8DG

●with 8DG TYPE GEARBOX MOTOR MODEL **DME60S8HP**☆, **DME60B8HPB** & GEARBOX MODEL **8DG**□

Model	Gear ratio		*30	*50	*75	*100	*150	250	300	*500	*750	*1800
	Rated speed	r/min	143	86	57.3	43	28.6	17.7	15.1	9.3	6.4	2.7
DME60S8HP ☆ & 8DG □	Rated torque	N·m	0.64	1.0	1.6	2.1	3.2	3.9	3.9	3.9	3.9	3.9
		oz·in	90.27	152.76	222.19	305.52	458.28	555.49	555.49	555.49	555.49	555.49
DME60B8HPB & 8DG □	Rated speed	r/min	143	86	57.3	43.6	30.5	18.8	15.8	9.7	6.5	2.7
	Rated torque	N·m	1.3	2.1	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9
		oz·in	180.53	305.52	458.28	555.49	555.49	555.49	555.49	555.49	555.49	555.49

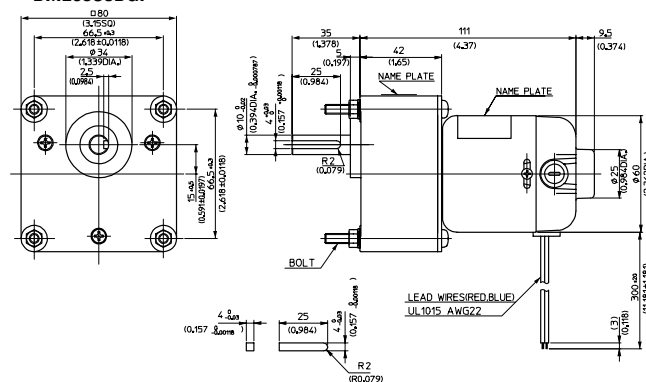
WITH GEARBOX 8DGF



8DGF

●DIMENSIONS Unit mm(inch)

DME60S8DGF



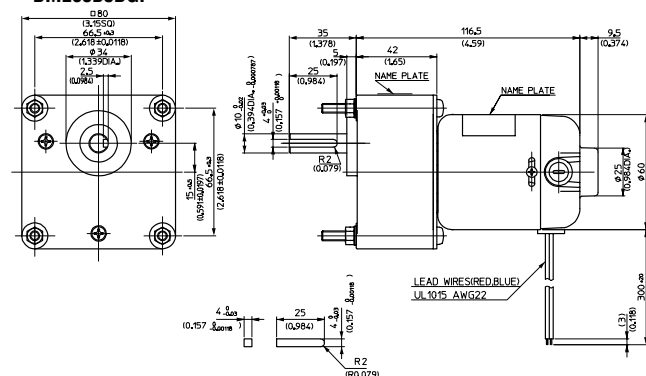
NOTE :

When ordering, please write the motor model and gearbox model numbers separately, as in the following example:

DME60B8HFPB (Pinion shaft motor)
8DGF (Gearbox)

GEAR RATIO	BOLT		WEIGHT	
	(mm)	(inch)	kg	lb
25~150	M5X60	M5X2.36	1.20	2.6

DME60B8DGF



GEAR RATIO	BOLT		WEIGHT	
	(mm)	(inch)	kg	lb
25~150	M5X60	M5X2.36	1.25	2.8

●with 8DGF TYPE GEARBOX MOTOR MODEL **DME60S8HFP**☆, **DME60B8HFPB** & GEARBOX MODEL **8DGF**□

Model	Gear ratio		*25	*30	50	75	100	150
	Rated speed	r/min	172	143	86	57.3	43	28.6
DME60S8HFP ☆ & 8DGF □	Rated torque	N·m	0.53	0.64	0.96	1.4	1.9	2.9
		oz·in	74.99	90.27	152.76	194.42	263.86	402.73
DME60B8HFPB & 8DGF □	Rated speed	r/min	172	143	86	57.3	43	28.6
	Rated torque	N·m	1.0	1.3	1.9	2.9	3.8	5.8
		oz·in	152.76	180.53	305.52	402.73	541.60	819.34

NOTE 1: Enter the required reduction ratio in the □.
2: *Rotation of gearbox shaft is in reverse of rotation of motor.
3: Enter the required voltage A or B in the ☆.