

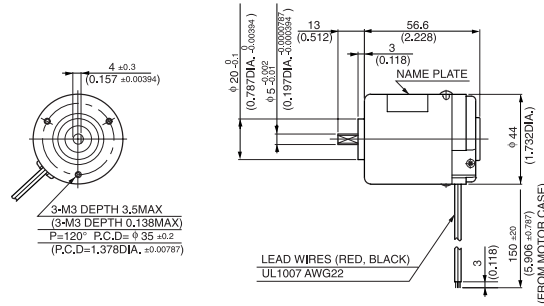
DME44

MODEL CODE	VOLTAGE	OUTPUT	CURRENT
SA	12V	9.2W	1.31A
SB	24V	9.2W	0.65A
BB	24V	14.8W	0.94A

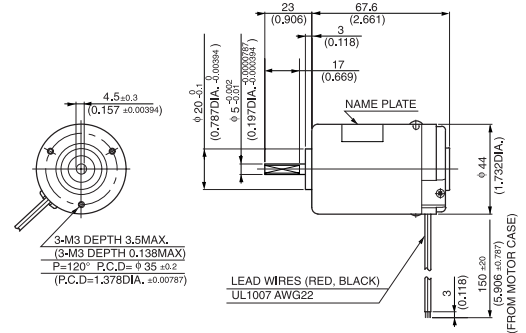


● DIMENSIONS Unit mm(inch)

DME44SA, DME44SB

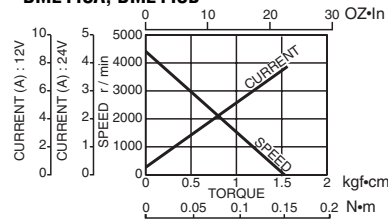


DME44BA, DME44BB

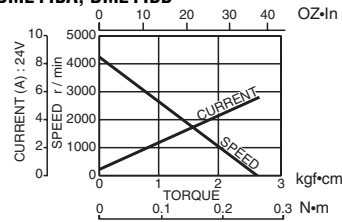


● CURRENT, SPEED-TORQUE CURVE

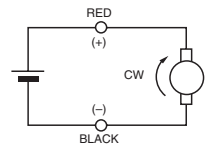
DME44SA, DME44SB



DME44BA, DME44BB



● CONNECTION

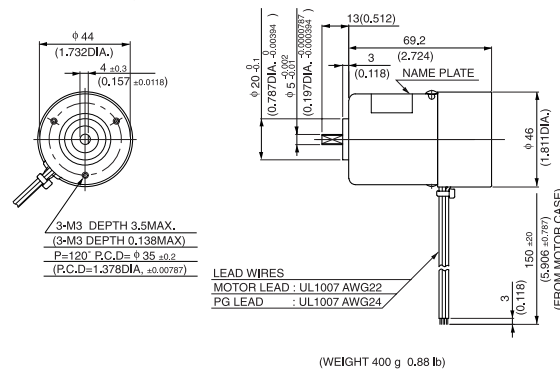


● STANDARD SPECIFICATIONS

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	g	lb
DME44SA	9.2	12	24	3.47	1.31	3600	0.31	4300	150	22.22	300	0.66
DME44SB	9.2	24	24	3.47	0.65	3600	0.15	4300	150	22.22	300	0.66
DME44BB	14.8	24	39	5.55	0.94	3600	0.16	4300	250	36.11	400	0.88

● REVOLUTION SENSOR MAGNET TYPE

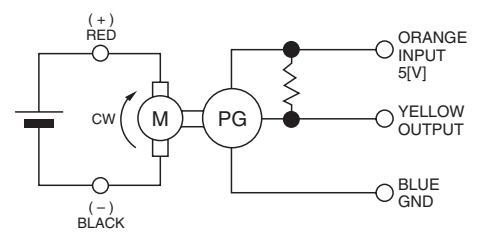
DME44SMA, DME44SMB



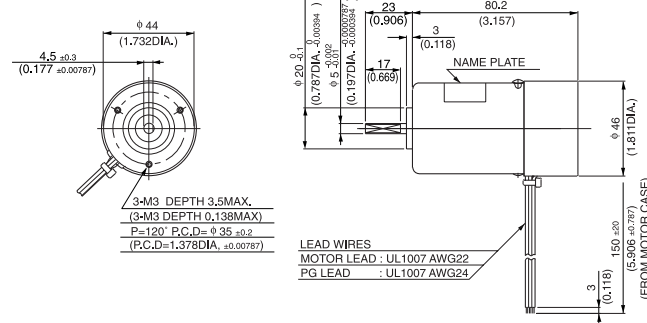
(WEIGHT 400 g 0.88 lb)

● CONNECTION OF REVOLUTION SENSOR

DME44SMA, DME44SMB, DME44BMB



DME44BMB



(WEIGHT 500 g 1.1lb)

● SPECIFICATION OF REVOLUTION SENSOR ARE SHOWN ON PAGE 8.

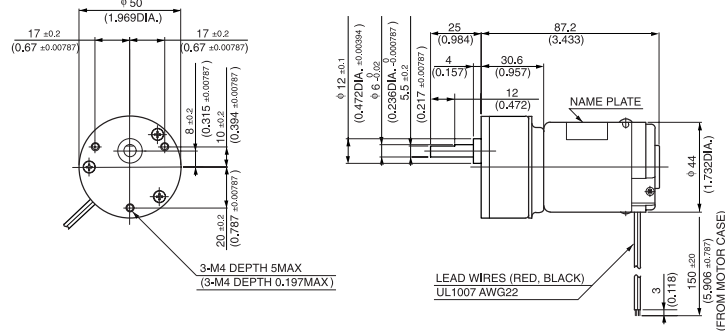
DME44

WITH GEARBOX
50G



50G

●DIMENSIONS Unit mm(inch) DME44S50G



(WEIGHT 400 g 0.88lb)

●with 50G TYPE GEARBOX

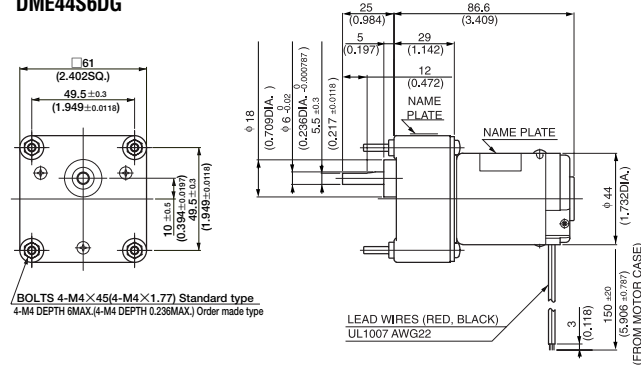
Model	Gear ratio		9	18	*27	*36	*54	*72
	Rated speed	r/min	400	200	133	100	66.6	52.3
DME44S50G□☆	Rated torque	N·m	0.18	0.35	0.48	0.64	0.96	0.98
		oz·in	25.00	49.99	68.05	90.27	136.09	138.87

WITH GEARBOX
6DG



6DG

●DIMENSIONS Unit mm(inch) DME44S6DG



(WEIGHT 600 g 1.32 lb)

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:

DME44S6HPB (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 : DME44S6H□B

●with 6DG TYPE GEARBOX MOTOR MODEL DME44S6HP☆ & GEARBOX MODEL 6DG□

Model	Gear ratio		5	12.5	15	*25	*30	*50	*75	*100	150	180	250
	Rated speed	r/min	720	288	240	144	120	72	50.5	39.1	26.7	22.5	16.5
DME44S6HP☆ & 6DG□	Rated torque	N·m	0.1	0.25	0.29	0.44	0.53	0.89	0.98	0.98	0.98	0.98	0.98
		oz·in	13.89	34.72	41.66	62.49	74.99	126.37	138.87	138.87	138.87	138.87	138.87
Model	Gear ratio		300	450	*500	*750	*900	*1800					
	Rated speed	r/min	13.8	9.3	8.4	5.6	4.7	2.3					
DME44S6HP☆ & 6DG□	Rated torque	N·m	0.98	0.98	0.98	0.98	0.98	0.98					
		oz·in	138.87	138.87	138.87	138.87	138.87	138.87					

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 ☆.

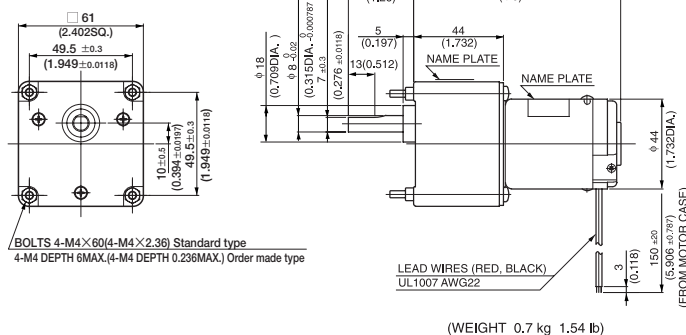
WITH GEARBOX 6DGF



6DGF

●DIMENSIONS Unit mm(inch)

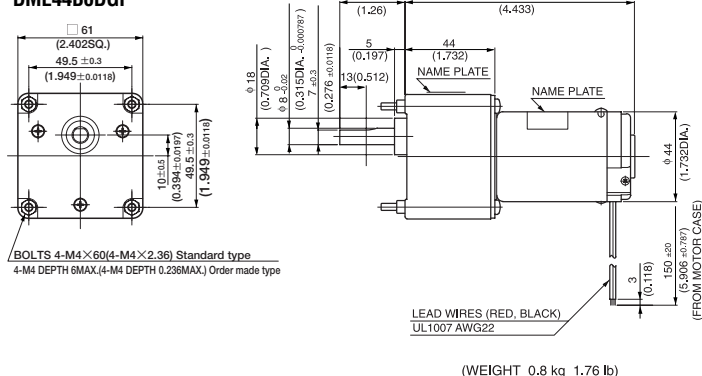
DME44S6DGF



NOTE:

6DGF gearbox is 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:
DME44B6HFPB (Pinion shaft motor)
6DGF (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 : **DME44B6HF** **6DGF**

DME44B6DGF



●with 6DGF TYPE GEARBOX MOTOR MODEL **DME44S6HFP**☆, **DME44B6HFPB** & GEARBOX MODEL **6DGF**

Model	Gear ratio		5	*12.5	*15	*25	*30	50	75	100	150	180
	Rated speed	r/min	720	288	240	144	120	72	48	36	24	20.6
DME44S6HFP ☆ & 6DGF	Rated torque	N·m	0.1	0.22	0.27	0.44	0.53	0.80	1.2	1.6	2.4	2.4
		oz·in	13.89	30.55	37.50	62.49	74.99	113.87	166.65	222.19	333.29	347.18
DME44B6HFPB & 6DGF	Rated speed	r/min	720	288	240	144	120	72	48	36.3	25.7	21.8
	Rated torque	N·m	0.16	0.35	0.43	0.72	0.85	1.3	1.9	2.4	2.4	2.4
		oz·in	22.22	49.99	59.71	101.38	120.82	180.53	263.86	347.18	347.18	347.18

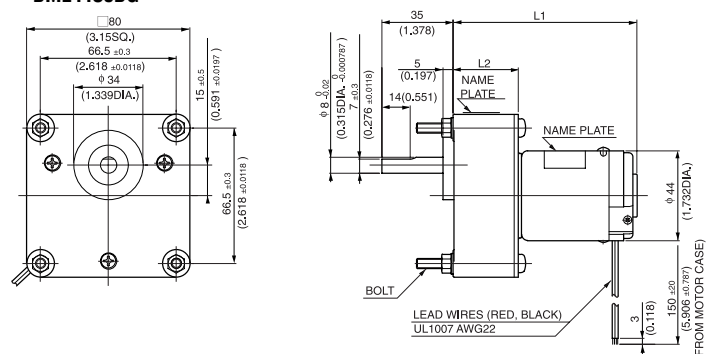
WITH GEARBOX 8DG



8DG

●DIMENSIONS Unit mm(inch)

DME44S8DG



NOTE :

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

DME44B8HPB (Pinion shaft motor)
8DG (Gearbox)

GEAR RATIO	L1		L2		BOLT		WEIGHT	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	kg	lb
30~150	90.1	3.547	32	1.26	M5X50	M5X1.969	0.8	1.76
250~1800	100.1	3.941	42	1.654	M5X60	M5X2.362	0.9	1.98

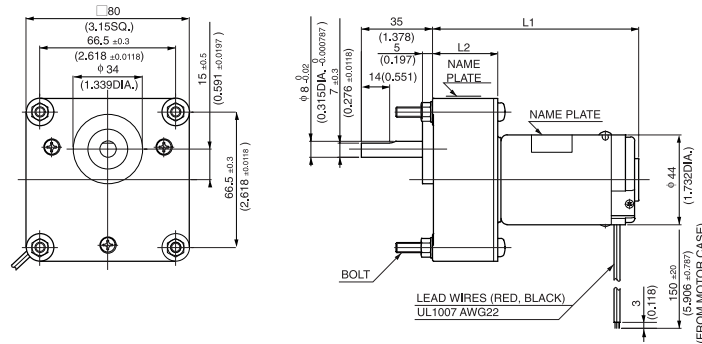
NOTE
1: Enter the required reduction ratio in the □.
2: *Rotation of gearbox shaft is in reverse of rotation of motor.
3: Enter the required voltage A or B in the ☆.

DME44

WITH GEARBOX
8DG

MODEL CODE	VOLTAGE	OUTPUT	CURRENT
SA	12V	9.2W	1.31A
SB	24V	9.2W	0.65A
BB	24V	14.8W	0.94A

DME44B8DG



GEAR RATIO	L1		L2		BOLT		WEIGHT	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	kg	lb
30~150	101.1	3.98	32	1.26	M5X50	M5X1.969	0.9	1.98
250~1800	111.1	4.374	42	1.654	M5X60	M5X2.362	1.0	2.2

●with 8DG TYPE GEARBOX MOTOR MODEL **DME44S8HP**☆, **DME44B8HPB** & GEARBOX MODEL **8DG**□

Model	Gear ratio		*30	*50	*75	*90	*100	*150	250
	Rated speed	r/min	120	72	48	40	36	24	14.4
DME44S8HP ☆ & 8DG □	Rated torque	N·m	0.53	0.89	1.3	1.6	1.8	2.7	3.9
		oz·in	74.99	126.37	180.53	222.19	249.97	374.95	555.49
DME44B8HPB & 8DG □	Rated speed	r/min	120	72	48	40	36	24.4	15.5
		N·m	0.85	1.4	2.1	2.5	2.8	3.9	3.9
		oz·in	120.82	194.42	305.52	361.07	402.73	555.49	555.49

Model	Gear ratio		300	*500	*750	*1800
	Rated speed	r/min	12.4	7.8	5.4	2.3
DME44S8HP ☆ & 8DG □	Rated torque	N·m	3.9	3.9	3.9	3.9
		oz·in	555.49	555.49	555.49	555.49
DME44B8HPB & 8DG □	Rated speed	r/min	13.1	8	5.5	2.3
		N·m	3.9	3.9	3.9	3.9
		oz·in	555.49	555.49	555.49	555.49

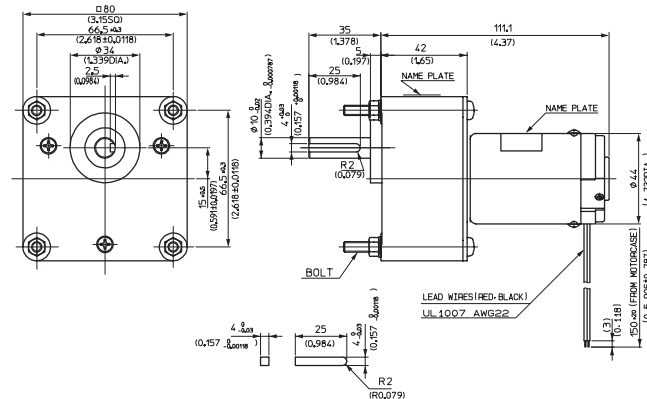
WITH GEARBOX
8DGF



8DGF

●DIMENSIONS Unit mm(inch)

DME44B8DGF



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

DME44B8HFPB (Pinion shaft motor)
8DG□**F** (Gearbox)

GEAR RATIO	BOLT		WEIGHT	
	(mm)	(inch)	kg	lb
25~150	M5X60	M5X2.36	1.0	2.2

●with 8DGF TYPE GEARBOX MOTOR MODEL **DME44B8HFPB** & GEARBOX MODEL **8DG**□**F**

Model	Gear ratio		*25	*30	50	75	100	150
	Rated speed	r/min	144	120	72	48	36	24
DME44B8HPB & 8DG □ F	Rated torque	N·m	0.71	0.85	1.3	1.9	2.5	3.8
		oz·in	101.38	120.82	194.42	263.86	361.07	541.60

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 ☆.