

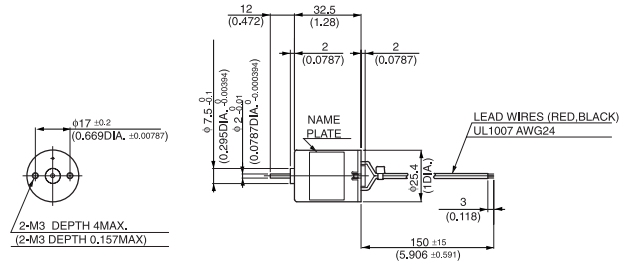
DME25

MODEL CODE	VOLTAGE	OUTPUT	CURRENT
BA	12V	3W	0.47A
BB	24V	3W	0.23A



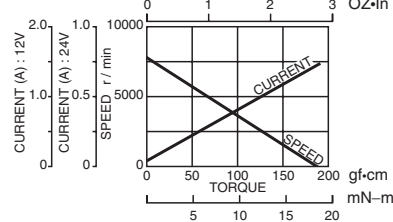
● DIMENSIONS Unit mm(inch)

DME25BA, DME25BB

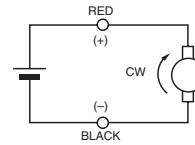


● CURRENT, SPEED-TORQUE CURVE

DME25BA, DME25BB



● 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								
DME25BA	3	12	4.9	0.69	0.47	5800	0.07	8000	17.7	2.50	55	0.12
DME25BB	3	24	4.9	0.69	0.23	5800	0.04	8000	17.7	2.50	55	0.12

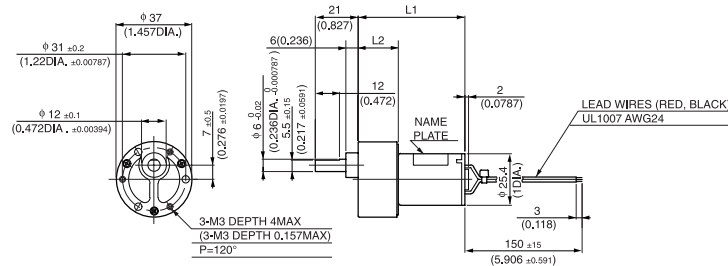
WITH GEARBOX

36G

Gear heads for
intermittent drive

● DIMENSIONS Unit mm(inch)

DME25B36G



GEAR RATIO	L1		L2		WEIGHT	
	(mm)	(inch)	(mm)	(inch)	g	lb
10	52.3	2.059	19.8	0.78	160	0.35
18~30	54.8	2.157	22.3	0.878		
50~100	57.3	2.256	24.8	0.976		
120~300	59.8	2.354	27.3	1.075	180	0.40
400~600	62.3	2.453	29.8	1.173		

● with 36G TYPE GEARBOX

Model	Gear ratio		10	*18	*20	*30	50	60	75	100	*120	*150	*180
	Rated speed	r/min	580	322	290	193	116	96.6	77.3	58	48.3	40.1	35.2
DME25B36G ☆	Rated torque	N-m	0.04	0.068	0.071	0.1	0.15	0.18	0.23	0.32	0.34	0.39	0.39
		oz-in	5.55	9.03	10.14	15.28	22.22	26.39	33.33	45.83	48.61	55.55	55.55
Model	Gear ratio		*200	*250	*300	400	500	600					
	Rated speed	r/min	32.5	27.2	23.3	17.9	14.6	12.4					
DME25B36G ☆	Rated torque	N-m	0.39	0.39	0.39	0.39	0.39	0.39					
		oz-in	55.55	55.55	55.55	55.55	55.55	55.55					

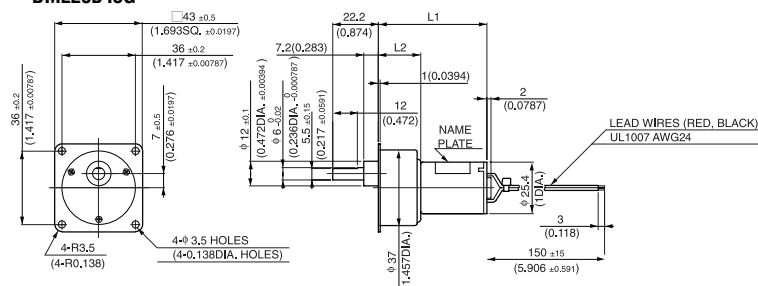
NOTE 1: Enter the required reduction ratio in the □.
2: *Rotation of gearbox shaft is in reverse of rotation of motor.
3: Enter the required voltage A or B in the ☆.

WITH GEARBOX 43G

Gear heads for
intermittent drive

●DIMENSIONS Unit mm(inch)

DME25B43G



GEAR RATIO	L1		L2		WEIGHT	
	(mm)	(inch)	(mm)	(inch)	g	lb
10	50.8	2.000	18.3	0.720	160	0.35
18~30	53.3	2.098	20.8	0.819		
50~100	55.8	2.197	23.3	0.917		
120~300	58.3	2.295	25.8	1.016		
400~600	60.8	2.394	28.3	1.114		

●with 43G TYPE GEARBOX

Model	Gear ratio		10	*18	*20	*30	50	60	75	100	*120	*150
	Rated speed	r/min	580	322	290	193	116	96.6	77.3	58	48.3	40.1
DME25B43G ☆	Rated torque	N·m	0.04	0.068	0.071	0.1	0.15	0.18	0.23	0.32	0.34	0.39
		oz·in	5.55	9.03	10.14	15.28	22.22	26.39	33.33	45.83	48.61	55.55

Model	Gear ratio		*180	*200	*250	*300	400	500	600
	Rated speed	r/min	35.2	32.5	27.2	23.3	17.9	14.6	12.4
DME25B43G ☆	Rated torque	N·m	0.39	0.39	0.39	0.39	0.39	0.39	0.39
		oz·in	55.55	55.55	55.55	55.55	55.55	55.55	55.55

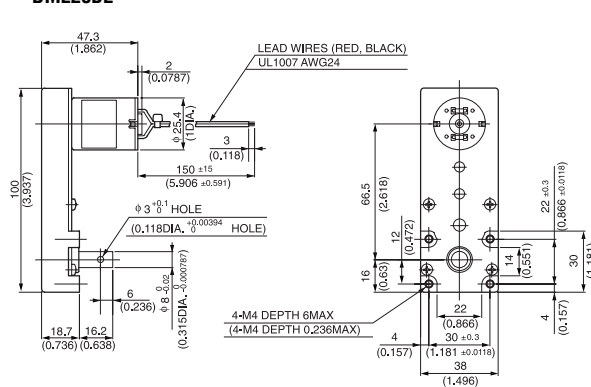
WITH GEARBOX L

Gear heads for
intermittent drive



●DIMENSIONS Unit mm(inch)

DME25BL



(WEIGHT 225 g 0.5 lb)

●with L TYPE GEARBOX

Model	Gear ratio		30	50	120	150	200	255
	Rated speed	r/min	193	116	48.3	38.6	29	22.7
DME25BL ☆	Rated torque	N·m	0.09	0.14	0.34	0.43	0.58	0.74
		oz·in	12.22	19.44	48.61	61.10	81.93	104.15

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 ☆.

DME25

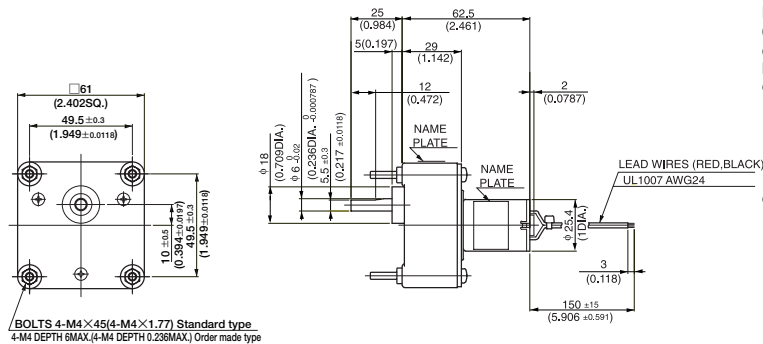
MODEL CODE	VOLTAGE	OUTPUT	CURRENT
BA	12V	3W	0.47A
BB	24V	3W	0.23A

WITH GEARBOX 6DG



6DG

●DIMENSIONS Unit mm(inch) DME25B6DG



BOLTS 4-M4×45(4-M4×1.77) Standard type
4-M4 DEPTH 6MAX.(4-M4 DEPTH 0.236MAX.) Order made type

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:

DME25B6HPB (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 :

DME25B6HB

(WEIGHT 355 g 0.78 lb)

●with 6DG TYPE GEARBOX MOTOR MODEL DME25B6HP☆ & GEARBOX MODEL 6DG□

Model	Gear ratio		5	12.5	15	*25	*30	*50	*75	*100	150	180	250
	Rated speed	r/min	1160	464	386	232	193	116	77.3	58	38.6	32.2	23.2
DME25B6HP☆ &6DG□	Rated torque	N·m	0.02	0.05	0.06	0.1	0.11	0.18	0.27	0.36	0.49	0.59	0.82
		oz·in	2.78	6.94	8.33	12.64	15.28	25.00	37.50	49.99	68.05	81.93	113.87
Model	Gear ratio		300	450	*500	*750	*900	*1800					
	Rated speed	r/min	19.3	14.4	13	9.3	7.9	4.2					
DME25B6HP☆ &6DG□	Rated torque	N·m	0.96	0.98	0.98	0.98	0.98	0.98					
		oz·in	136.09	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 ☆.