

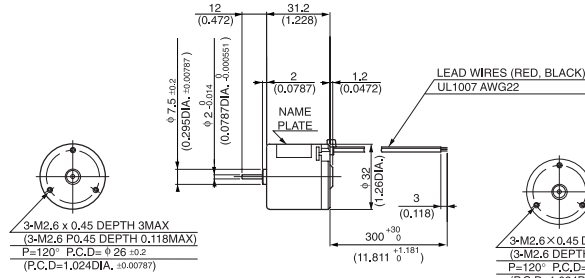
# DME33

MODEL CODE	VOLTAGE	OUTPUT	CURRENT
SA	12V	0.7W	0.12A
SB	24V	0.7W	0.06A
BA	12V	3.0W	0.42A
BB	24V	3.0W	0.22A

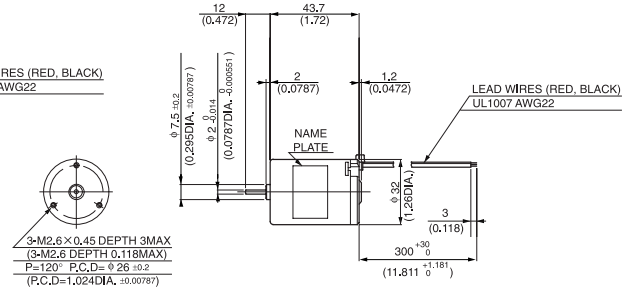


## ● DIMENSIONS Unit mm(inch)

### DME33SA, DME33SB

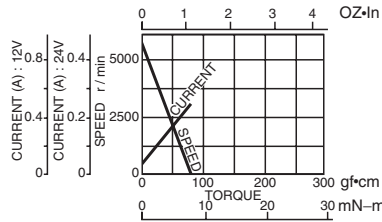


### DME33BA, DME33BB

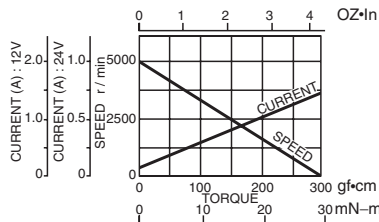


## ● CURRENT, SPEED-TORQUE CURVE

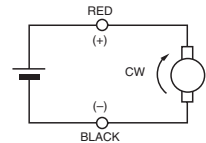
### DME33SA, DME33SB



### DME33BA, DME33BB



## ● CONNECTION

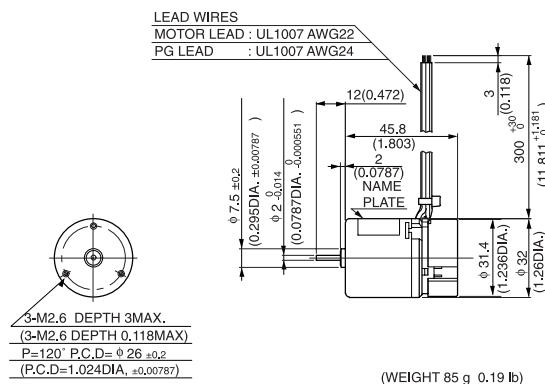


## ● STANDARD SPECIFICATIONS

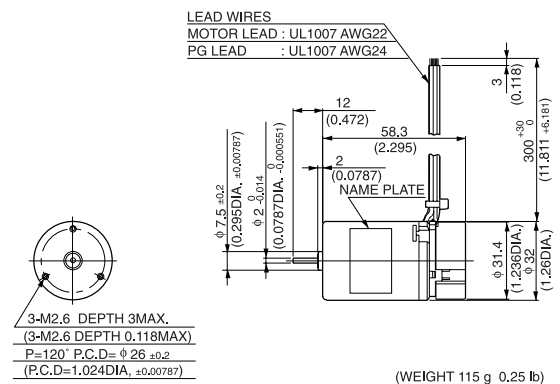
Model	Rated					No load		Stall torque		Weight		
	Output W	Voltage V	Torque		Current A	Speed r/min	Current A	Speed r/min	mN-m	oz-in	Weight	
			mN-m	oz-in							g	lb
DME33SA	0.7	12	1.5	0.21	0.12	4500	0.05	5500	7.8	1.11	70	0.15
DME33SB	0.7	24	1.5	0.21	0.06	4500	0.02	5500	7.8	1.11	70	0.15
DME33BA	3	12	7.8	1.11	0.42	3700	0.06	5000	29	4.17	100	0.22
DME33BB	3	24	7.8	1.11	0.22	3700	0.04	5000	29	4.17	100	0.22

## ● REVOLUTION SENSOR MAGNET TYPE

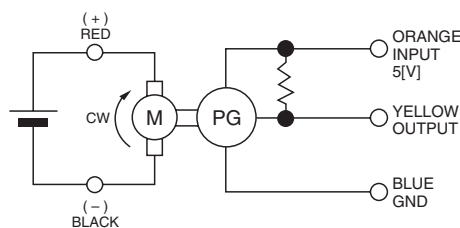
### DME33SMA, DME33SMB



### DME33BMA, DME33BMB



## ● CONNECTION OF REVOLUTION SENSOR



## ● SPECIFICATION OF REVOLUTION SENSOR SHOWN ON PAGE 8.

WITH GEARBOX

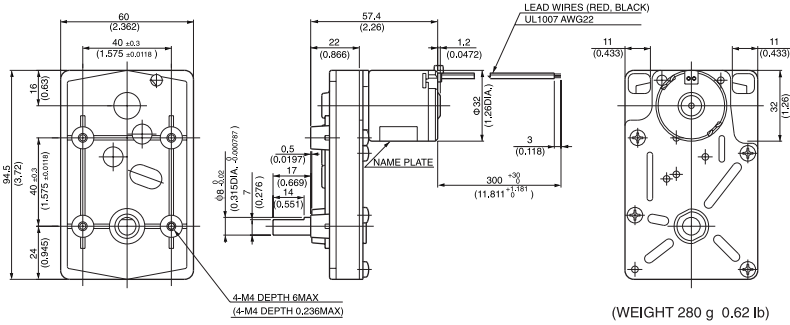
# 5C

Gear heads for intermittent drive



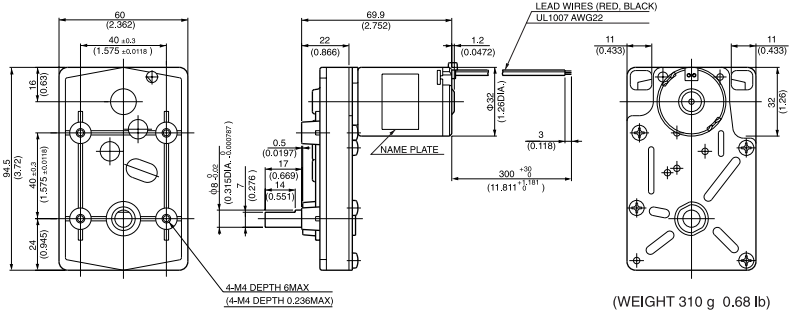
5C

● DIMENSIONS Unit mm(inch)  
DME33S5C



(WEIGHT 280 g 0.62 lb)

DME33B5C



(WEIGHT 310 g 0.68 lb)

● with 5C TYPE GEARBOX

Model	Gear ratio		*20	*30	*40	*50	*60	*80	*100	*150	200	250
		Rated speed	r/min	225	150	112	90	75	56.2	45	30	22.5
DME33S5C □ ☆	Rated torque	N·m	0.022	0.032	0.043	0.053	0.064	0.085	0.11	0.16	0.19	0.24
		oz·in	3.06	4.58	6.11	7.50	9.03	12.08	15.28	22.22	26.39	33.33
DME33B5C □ ☆	Rated speed	r/min	185	123	92.5	74	61.6	46.2	37	24.6	18.8	16
		N·m	0.11	0.17	0.23	0.28	0.34	0.46	0.57	0.85	0.98	0.98
	Rated torque	oz·in	15.28	23.61	31.94	40.27	48.61	63.88	80.55	120.82	138.87	138.87
Model	Gear ratio		300	400	500							
	Rated speed	r/min	15	11.2	9							
DME33S5C □ ☆	Rated torque	N·m	0.28	0.38	0.48							
		oz·in	40.27	54.16	68.05							
DME33B5C □ ☆	Rated speed	r/min	13.9	10.9	9							
		N·m	0.98	0.98	0.98							
	Rated torque	oz·in	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 ☆.