

## DMN37 Series

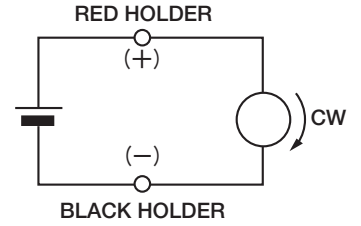


### Specification

TYPE	RATED					NO LOAD		STALL		WEIGHT		
	OUT PUT	VOLTAGE	TORQUE		CURRENT	SPEED	CURRENT	SPEED	TORQUE			TORQUE
	W	V	mN·m	oz·in	A	r/min	A	r/min	mN·m	oz·in		
DMN37SA	4.6	12	9.8	1.39	0.78	4500	0.26	5500	54	7.64	130	0.29
DMN37SB	4.6	24	9.8	1.39	0.37	4500	0.12	5500	54	7.64	130	0.29
DMN37BA	7.2	12	14.7	2.09	1.01	4700	0.25	5500	98	13.89	180	0.40
DMN37BB	7.2	24	14.7	2.09	0.53	4700	0.13	5500	98	13.89	180	0.40
DMN37KA	9.2	12	24.5	3.48	1.20	3600	0.27	4300	160	23.61	210	0.46
DMN37KB	9.2	24	24.5	3.48	0.60	3600	0.14	4300	160	23.61	210	0.46
DMN37JB	14.7	24	39.2	5.56	0.94	3600	0.16	4300	240	24.72	240	0.53

\*Intermittent ratings are given for DMN37JB. (DUTY50%)

### Connection



### Outline

**DMN37**  
 3-M3DEPTH 4MAX  
 (3-M3DEPTH 0.157MAX)  
 P=120±2  
 P.C.D=φ28±0.2  
 (P.C.D=1.102dia.±0.008)

NAME PLATE  
 (+) TERMINAL (RED)  
 (-) TERMINAL (BLACK)

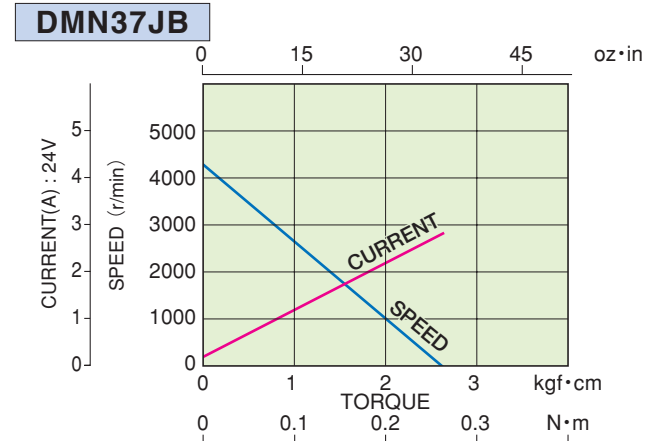
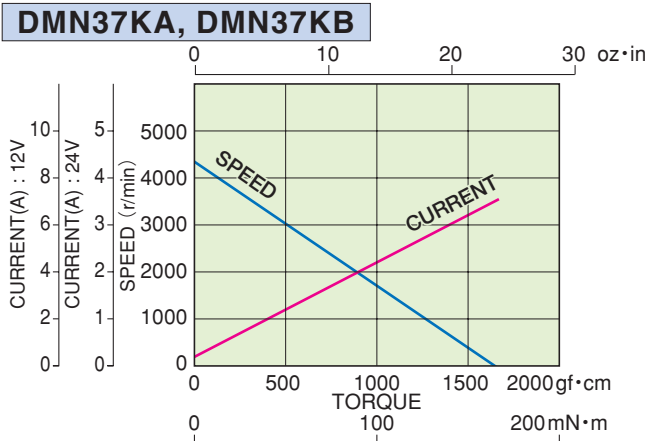
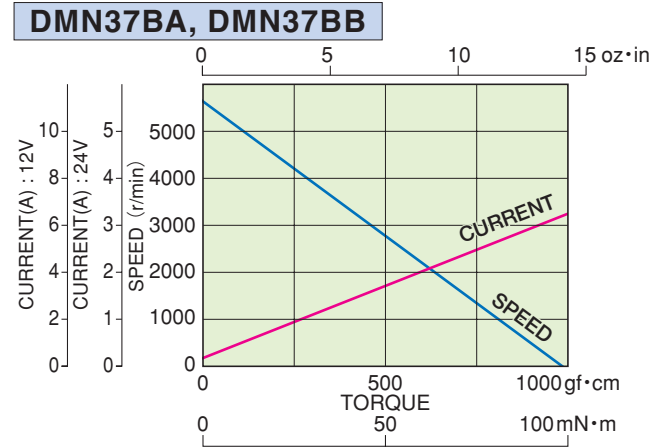
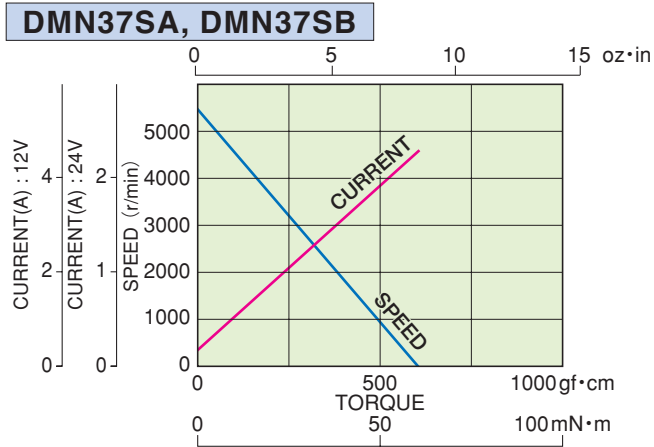
BACKYOKE  
 \*BACKYOKE Only for DMN37J

**■ DIMENSIONS Unit mm(inch)**

MODEL	L1		L2	
	mm	inch	mm	inch
DMN37S	45.2	1.780	39.5	1.555
DMN37B	53.2	2.094	47.5	1.870
DMN37K	58.2	2.291	52.5	2.067
DMN37J	63.2	2.488	57.5	2.264

(+)(-) TERMINAL DETAILED DRAWING

### CURRENT, SPEED-TORQUE CURVE



**50G**  
Continuous Operation



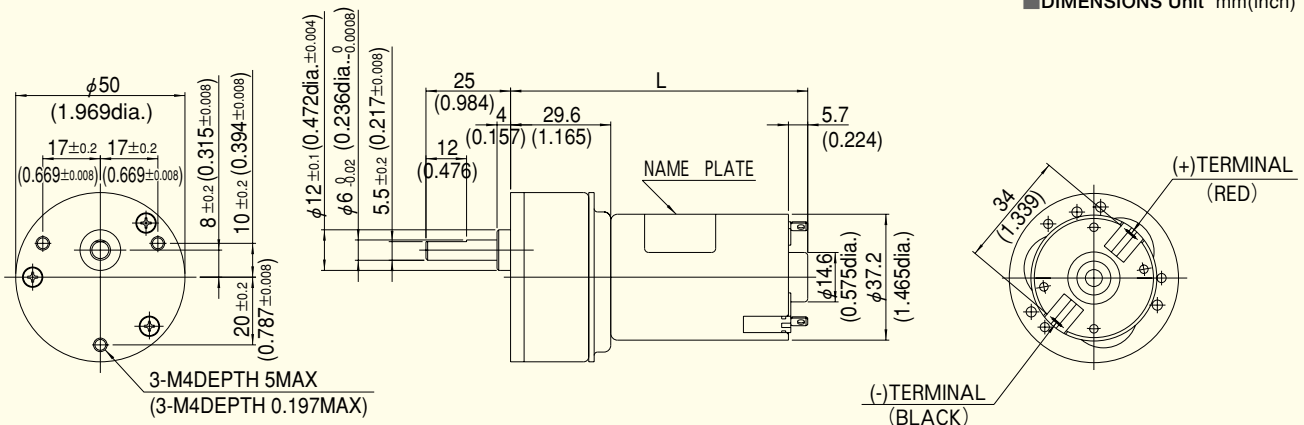
## Specification

GEAR RATIO	DMN37S50G□◇			DMN37B50G□◇			DMN37K50G□◇		
	RATED TORQUE		SPEED	RATED TORQUE		SPEED	RATED TORQUE		SPEED
	N·m	oz·in	r/min	N·m	oz·in	r/min	N·m	oz·in	r/min
9	0.071	10.2	500	0.10	15.3	522	0.17	25.0	400
18	0.13	19.5	250	0.21	30.6	261	0.35	50.1	200
27	0.18	28.4	166	0.28	40.3	174	0.48	68.2	133
36	0.25	36.2	125	0.38	54.3	130	0.63	90.4	100
54	0.38	54.3	83.3	0.58	82.1	87.0	0.96	136	66.6
72	0.51	72.3	62.5	0.76	110	65.2	0.98	136	52.3

- ※ Enter the required reduction ratio in the □.
- ※  Rotation of gearbox shaft is in reverse of rotation of motor.
- ※ Enter the required voltage A or B in the ◇.

## Outline

■ DIMENSIONS Unit mm(inch)



MODEL	L		WEIGH	
	mm	inch	g	lb
DMN37S50G□◇	74.8	2.945	270	0.60
DMN37B50G□◇	82.8	3.260	320	0.71
DMN37K50G□◇	87.8	3.457	350	0.77

单击下面可查看定价，库存，交付和生命周期等信息

[>>Nidec\(尼得科\)](#)