

DMN37 Series

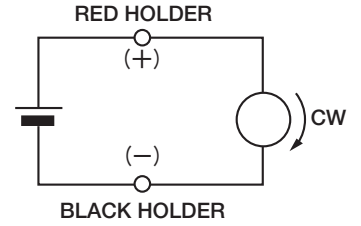


Specification

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)

φ38.4 (1.512dia.)
 φ15.8 (0.591dia.±0.004)
 φ51.7 (2.035dia.±0.012)
 φ19.7 (0.776dia.±0.005)
 4.5±0.2
 (0.177±0.008)
 23 (0.906)
 L1
 3.5 (0.138)
 L2
 17 (0.669)
 NAME PLATE
 5.7 (0.224)
 (+) TERMINAL (RED)
 φ14.6 (0.575dia.)
 φ37.2
 (1.465dia.)
 (-) TERMINAL (BLACK)
 34 (1.339)
 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

0.7 5
 (0.028) (0.197)
 2
 2-φ2
 (2-0.079dia.)
 2-3.5X10.5
 (2-0.1384+0.079)
 (+)(-) TERMINAL DETAILED DRAWING

CURRENT, SPEED-TORQUE CURVE

