



Motor Specifications BLDM-D12		
lbs [N]	49.6 [220.3]	
Amps	3	
Watts	155.3	
lbs [N]	148 [660]	
Amps	8.9	
Watts	1397.7	
Electrical		
lbs/Amp [N/Amp]	16.7 [74.2]	
V/in/sec [V/m/sec]	1.88 [74.16]	
Ohms	13.6	
mH	18	
msec	1.3	
lbs/sqW [N/sqW]	4.51 [20.1]	
Mechanical		
in [mm]	2.4 [60.96]	
12		
in [mm]	15.65 [397.5]	
in [mm]	14.9 [378]	
lbs [kg]	3.9 [1.8]	
lbs/in [kg/m]	0.65 [11.63]	
	LDM-D12 General General General General General General General Matts Watts Watts Watts Composition Gomms MH MSec Ohms MH MSec Ibs/Amp [N/Amp] V/in/sec [V/m/sec] Ohms MH msec Ibs/sqW [N/sqW] MH msec Ibs/sqW [N/sqW] 12 Composition MM MB MB MB MB MB MB MB MB MB	

UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows XXX ±.005 ANGLES ±.1° XX ±.010 FILLETS .010 X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges

2

Wiring		
Motor		
Phase A	White/Red Stripe	
Phase B	White	
Phase C	White/Black Stripe	
Ground	White/Green Stripe	
Thermostat 1	Blue	
Thermostat 2	Orange	
Hall Effect		
Hall A	White	
Hall B	Red	
Hall C	Black	
Hall Ground	Green	
Hall Power (+5-24VDC)	Brown, Orange, Violet, Yellow	

4

В

А

5

С

D

FOR REFERENCE FINISH ONLY

MATERIAL

3

TITLE

Ironless Motor Coil Model #: BLDM-D12

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