

130 SERIES BLDC Motor



GENERAL SPECIFICATION

Winding type: Star
Hall effect angle: 120 degree electrical angle
Shaft run out: 0.025mm
Insulation Class: Class B
Dielectric strength: 500VDC for one minute
Ambient temperature: -20—+40°C

WIRE DIAGRAM

Lead No.	Lead Color	Lead Gauge	Function
1	RED	8AWG UL1569	Phase U
2	YEL		Phase V
3	BLA		Phase W
4	RED	26AWG UL1569	+5V
5	BLU		Hall A
5	GRE		Hall B
7	WHI		Hall C
8	BLA		GND

ELECTRICAL SPECIFICATION

Model		130DMW190-7230	130DMW240-7230
Voltage	V	72	
Number of poles		8	
Rated power	W	3000	4500
No load speed	rpm	3600	3600
Rated torque	Nm	9.5	14.50
Rated Speed	rpm	3000	3000
Rated Current	A	52	78
Peak Torque	Nm	28	43
Weight	Kg	10.4	13
Length	mm	190	240

DIMENSIONS

