

16mm 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	ORG	28AWG UL1569	Phase U
2	BRN		Phase V
3	GRE		Phase W
4	RED	28AWG UL1569	+5V
5	YEL		Hall A
5	WHI		Hall B
7	BLU		Hall C
8	BLA		GND

● ELECTRICAL SPECIFICATION

Model		16DMW32-24120
Voltage	V	24
Number of poles		2
Rated power	W	8.7
No load speed	rpm	16000
Rated torque	m.Nm	6.9
Rated Speed	rpm	12000
Rated Current	A	1
Peak Torque	m.Nm	15
Weight	Kg	0.03
Length	mm	32

● DIMENSIONS

