

36 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	20AWG 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

● EL

● ELECTRICAL SPECIFICATION

Model		36DMW50-2440	36DMW55-2440	36DMW63-2440
Voltage	V	24	24	24
Number of poles		4	4	4
Rated power	W	20	30	40
No load speed	rpm	6000	6000	6000
Rated torque	Nm	0.04	0.06	0.08
Rated Speed	rpm	5000	5000	5000
Rated Current	A	1.3	1.8	2.3
Peak Torque	Nm	0.12	0.18	0.24
Weight	Kg	0.2	0.25	0.3
Length	mm	50	55	63

● DIMENSIONS

