



DC Brushless Motor 36BL

General Specifications

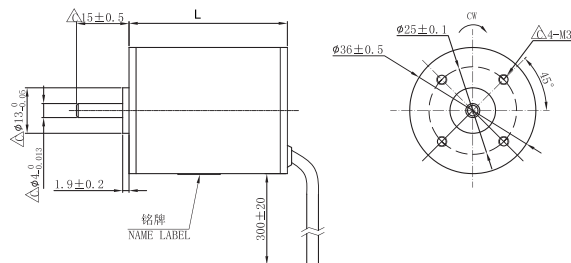
Item	Specification
Winding type	Delta
Hall effect angle	120° electrical angle
Shaft run out	0.025mm
Radial play	0.06mm@450g
End play	0.08mm@450g
Max.radial force	28N@20mm from the flange
Max.axial force	10N
Insulation class	Class B
Dielectric Strength	500VDC for one minute
Insulation resistance	100MΩMin.500VDC



Electrical specifications

Model	No. of Phase	Rated Voltage	Rated Speed	Rated Torque	Rated Power	Weight	Body length
		VDC	rpm	g·cm	W	Kg	mm
36BL01	3	12	4000	120	5	0.15	40
36BL02	3	24	5000	190	10	0.15	40
36BL03	3	12	6000	120	8	0.18	50
36BL04	3	24	6000	230	15	0.18	50
36BL05	3	12	8000	240	20	0.22	60
36BL06	3	24	8000	300	25	0.22	60

Mechanical dimensions



Wiring Diagram

Lead NO.	Lead Color	Lead Gauge	Function	DESCRIPTION
1	Red	UL1007/26AWG	VCC	SUPPLY VOLTAGE FOR HALL SENSORS
2	Black		GND	GROUND FOR HALL SENSORS
3	Yellow		HALL 1A	
4	Blue		HALL B	
5	White		HALL C	
6	Orange	UL1007/26AWG	PHASE U	
7	Green		PHASE V	
8	Brown		PHASE W	