



SUNTA MOTOR ELECTRIC LTD.

MODEL NO. BM4220D*-HBPL

Size: 50 x 33 mm.

Motor: Brushless DC Motor

Motor protected: 1, Polarity + Over current shutdown protected (OCP)

Impeller: PBT + 30% fiber glass. Black color, UL94V-0.

Lead wire: 1007#22AWG. UL/CSA.

Insulation resistance: Min.10M Ohm at 500 VDC between terminal and the frame.

Dielectric Strength: 1 min at 1500 VAC.50/60 HZ.

Bearing type: B: 2 ball bearing.

Operating Temp: Ball bearing: within -20~80 degree C

Sleeve bearing: within -10~56 degree C

Life expectancy: Ball bearing: 50,000 hours at 60 degree C.

Above measurements Tem. at: Within 20~30 degree C.

Above measurements humidity at: 65%+-15%.

Safety Approvals: CE

Net weight : 196 (grams)

CONNECTOR: L: lead wire

MODEL NO.	RATED	RATED	RATED	VOLTAGE
	VDC	AMP	RPM	RATED VDC
BM4220D1-HBPL-CCW	12	0.28	4000	12~13.6
BM4220D2-HBPL-CCW	24	0.20	4000	16~28
BM4220D4-HBPL-CCW	48	0.12	4000	36~56

Remark :

- The above specification data are for reference only, general data tolerance $\pm 10\%$
- Ball Bearing types are 2 Ball Bearing
- Special design are requested available, please inform us now.
- Sunta reserves the right to change the data without notice.



Optional Function and Lead wire color

FG : Tachometer speed sensor output signal , open collector 2 square waves per revolution ,
lead wire color is white

RD: Alarm output signal : (motor run-Low, motor stop-High), lead wire color is yellow.

