



# SUNTA MOTOR ELECTRIC LTD.

## MODEL NO. BM3013D\*-HBPL

**Size:** 37.5 x 25 mm.

**Motor:** Brushless DC Motor

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

**Frame(Housing):** Aluminum die-cast. AP: Painted black.

**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 :** (grams)

**CONNECTOR:** L: lead wire

MODEL NO.	RATED	RATED	RATED	VOLTAGE
	VDC	AMP	RPM	RATED VDC
BM3013D1-HBPL-CCW	12	0.09	4000	12~13.6
BM3013D2-HBPL-CCW	24	0.06	4000	16~28
BM3013D4-HBPL-CCW	48	0.04	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.

