



SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 6020D*-*SERIES

Size: 60*60*20mm.

Motor: Brushless DC Motor

Motor protected: polarity+over current shutdown protected. (OCP)

Frame(Houseing): PBT + 30% fiber glass black color UL94-0

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

Lead wire: 1007#24AWG. UL/CSA.

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

Dielectric Strength: 1 min at 800 VAC.50/60 HZ between lead wire (+) and frame.

Bearing type: B: 2 ball bearing. Sleeve bearing S: one Sleeve bearing

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

Sleeve bearing: within-10~56 degree C

Sleeve bearing: within -10~56 degree C

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

Sleeve bearing: 20,000 hours at 45 degree C.

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

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

Safety Approvals: CE

Net weight : 56 (grams)

CONNECTOR: L: lead wire



MODEL NO.	RATED	RATED	RATED	VOLTAGE	MAX. AIR		MAX.AIR		NOISE
	VDC	AMP	RPM	RATED VDC	FLOW	PRESSURE			
	VDC	A	RPM	VDC	CMM	CFM	MM/H2O	INCH/H2O	DBA
6020D1-HBPL	12	0.20	5000	6~13.8	0.990	35	8.89	0.35	31
6020D1-HSPL									
6020D2-HBPL	24	0.10	5000	12~28	0.990	35	8.89	0.35	31
6020D2-HSPL									
6020D4-HBPL	48	0.06	5000	36~56	0.990	35	8.89	0.35	31
6020D4-HSPL									

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.

