

SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 18068D*-HBAPL

Size: 180*180*68mm.
Motor: Brushless DC Motor
Motor protected: Polarity+ over current shutdown protected
Frame(Houseing): 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
CONNECTOR: L: lead wire



MODEL NO.	RATED	RATED	RATED	VOLTAGE	MAX. AIR		MAX.AIR		NOISE
	VDC	AMP	RPM	RATED VDC	FLOW	CFM	PRESSURE		
	VDC	A	RPM	VDC	CMM	CFM	MM/H2O	INCH/H2C	DBA
18068D1-HBAPL	12		3000	6~13.2	14.6	520	27	1.06	61
18068D2-HBAPL	24	2.2	3000	16~28	14.6	520	27	1.06	61
18068D4-HBAPL	48	1.0	3000	36~56	14.6	520	27	1.06	61

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.

VR: NTC speed control, NTC ther mister thermal control 1800~3000RPM/4.7~10K ohm
 Vs 45~20C speed control, lead wire color is orange

VR speed control: VR adjustable speed control 0~3000RPM/0~10K ohm lead wire color is gray

PWM (Pulse Width Modulation): programmable MCU multiple speed control 10~100%, full stop
 800~3800RPM each stage 300 RPM, lead wire is Green trace of white

L: TWO LEAD WIRE

