



SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 18068AD*-HBAPL

Size: 180*180*68mm.

Motor: Brushless DC Motor

Motor protected: 1, Polarity + impedance. (ZP)

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

CONNECTOR: L: lead wire



MODEL NO.	RATED	VOLTAGE	FREQ	RATED	RATED	MAX. AIR		MAX.AIR		NOISE		
	VAC	REANGE				AMP	RPM	FLOW	PRESSURE		INCH/H2O	DBA
18068AD-HBAPL	100~260	VAC	50 / 60	0.90~0.47	A	3000	RPM	CMM	CFM	MM/H2O	INCH/H2O	DBA
								14.6	520	27	1.06	61

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 & 800~3000RPM each stage 300 RPM, lead wire is Green trace of white

L: TWO LEAD WIRE

