

SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 25489D*-HBAPL

Size: 254*254*89mm.

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	RATED	RATED	VOLTAGE	MAX. AIR		MAX.AIR		NOISE
	VDC	AMP	RPM	RATED VDC	FLOW		PRESSURE		
25489D1-HBAPL	12	2.0	2000	9~13.8	20.7	730	9.4	0.37	60
25489D1-MBAPL			1600	9~13.8	15.3	540	7.9	0.31	53
25489D2-HBAPL	24	1.25	2000	16~28	20.7	730	9.4	0.37	60
25489D2-MBAPL		0.75	1600	16~28	15.3	540	7.9	0.31	53
25489D4-HBAPL	48	0.63	2000	36~56	20.7	730	9.4	0.37	60
25489D4-MBAPL		0.36	1600	36~56	15.3	540	7.9	0.31	53

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

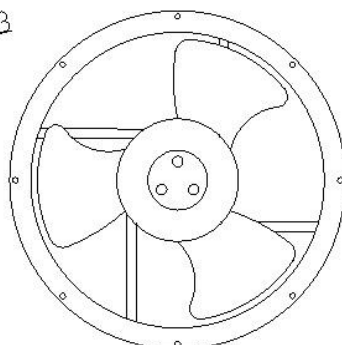
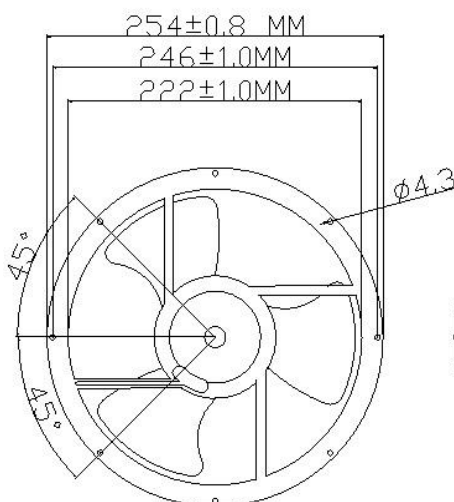
RD: Alarm output signal : (motor run-Low, motor stop-High), lead wire color is yellow.

VR: NTC speed control, NTC thermostat thermal control 1800~2500RPM/4.7~10K ohm

Vs 45~20C speed control, lead wire color is orange

VR speed control: VR adjustable speed control 0~2500RPM/0~10K ohm lead wire color is

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



89±1.0 MM

