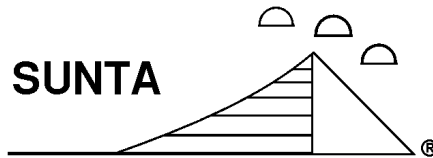


SUNTA



# SUNTA MOTOR ELECTRIC LTD.

## MODEL NO. 9238D\*-\*SERIES

- Size:** 92\*92\*38mm.
- Motor:** Brushless DC Motor
- Motor protected:** polarity+over current shutdown protected. (OCP)
- Frame(Houseing):** PBT + 30% fiber glass. Black color, UL94V-0.
- 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. 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 :** (grams)
- CONNECTOR:** L: lead wire



MODEL NO.	RATED	RATED	RATED	VOLTAGE	MAX. AIR		MAX.AIR		NOISE
	VDC	AMP	RPM	RATED VDC	FLOW	PRESSURE	CMM	CFM	
	VDC	A	RPM	VDC	CMM	CFM	MM/H2O	INCH/H2O	DBA
9238D2-HBPL	24	0.40	4900	16-28	3.40	120	18.0	0.71	58
9238D2-MBPL	24	0.25	3800	16-28	2.57	91	10.9	0.43	50

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.

