

SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 9225D*-*SERIES

Size: 92*92*25mm.

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#26AWG. 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: 98 (grams) CONNECTOR: L: lead wire



MODEL NO.	RATED	RATED AMP	RATED RPM	VOLTAGE RATED VDC	MAX. AIR FLOW		MAX.AIR PRESSURE		NOISE
	VDC	Α	RPM	VDC	CMM	CFM	MM/AQ	INCH/AQ	DBA
9225D1-HBPL	12	0.47	3000	- 6-13.8 -	1.27	45	5.8	0.23	34
9225D1-HSPL									
9225D1-MBPL		0.22	2500		0.99	35	4.0	0.16	30
9225D1-MSPL									
9225D2-HBPL	24	0.15	3000	16-28	1.27	45	5.8	0.23	34
9225D2-HSPL									
9225D4-HBPL	48	0.10	3000	36-56	1.27	45	5.8	0.23	34
9225D4-HSPL									

Remark:

- The above specification data are for reference only, general data tolerance ± 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 revoluation, lead wire color is white

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







