SUNTA

SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 17251D*-HBAPL

Size: 172*150*51mm. (6.77*5.91*2.10 inch.)
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 800 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
Net weight : 930 (grams)
CONNECTOR: **T**: terminal **L**: lead wire

MODEL NO.	RATED	RATED AMP	RATED RPM	VOLTAGE RATED VDC	MAX. AIR FLOW		MAX.AIR PRESSURE		NOISE
	VDC	A	RPM	VDC	CMM	CFM	MM/H20	INCH/H20	DBA
17251D1-HBAPL	12	1.2	3000	9~13.8	6.6	235	20	0.79	51
17251D2-HBAPL	24	0.75	3400	16~28	7.3	258	20.7	0.809	51
17251D4-HBAPL	48	0.54	3400	36~56	7.3	258	20.7	0.809	51

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.
VR: NTC speed control, NTC ther mister thermal control 1800~3400RPM/4.7~10K ohm
     Vs 45~20C speed control, lead wire color is orange
VR speed control: VR adjustable speed control 0~3400RPM/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

L: TWO LEAD WIRE