



SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 3010D*-*SERIES

Size: 30*30*10 mm.
Motor: Brushless DC Motor
Motor protected: 1, Polarity + impedance. (ZP)
Frame(Housing): PBT + 30% fiber glass. Black color, UL94V-0.
Impeller: PBT + 30% fiber glass. Black color, UL94V-0.
Lead wire: 1517 # 28AWG. 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. Sleeve bearing S: one Sleeve bearing
Operating Temp: Ball bearing: within-20~80 degree C
Sleeve bearing: within -10~56 degree C
Life expectancy: 1Ball 1Sleeve bearing: 40,000 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 : 9 (grams)
CONNECTOR: L: lead wire



MODEL NO.	RATED	RATED	RATED	VOLTAGE	MAX. AIR		MAX.AIR		NOISE	
	VDC	AMP	RPM	RATED VDC	FLOW		PRESSURE			
		A	RPM	VDC	CMM	CFM	MM/H2O	INCH/H2O	DBA	
3010D05-HBPL	5	0.15	10000	4~8	0.164	5.8	4.0	0.16	24	
3010D05-HSPL										
3010D05-MBPL		0.10	8500	4~8	4~8	0.135	4.8	3.3	0.13	21
3010D05-MSPL										
3010D1-HBPL	12	0.06	10000	6~13.8	0.164	5.8	4	0.16	24	
3010D1-HSPL										
3010D1-MBPL		0.05	8500	6~13.8	6~13.8	0.135	4.8	3.3	0.13	21
3010D1-MSPL										

Remark :

- The above specification data are for reference only, general data tolerance $\pm 20\%$
- 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.

