



# SUNTA MOTOR ELECTRIC LTD.

## MODEL NO. 5015D\*-\*SERIES

**Size:** 50\*50\*15mm.

**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. 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 :**

**CONNECTOR:** L: lead wire



MODEL NO.	RATED	RATED	RATED	VOLTAGE	MAX. AIR		MAX.AIR		NOISE
	VDC	AMP	RPM	RATED VDC	FLOW	PRESSURE	INCH/AQ	DBA	
5015D05-HBPL	5	0.30	5500	4~8	0.476	16.8	3.8	0.15	32
5015D05-HSPL									
5015D05-MBPL									
5015D05-MSPL									
5015D1-HBPL	12	0.18	5500	6~13.8	0.476	16.8	3.8	0.15	32
5015D1-HSPL									
5015D1-MBPL									
5015D1-MSPL									
5015D2-HBPL	24	0.08	5500	12~28	0.476	16.8	3.8	0.15	32
5015D2-HSPL									

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.

