

• ED25011 Series.

DC Brushless Centrifugal fan / Motorized impeller. Size: Ø 250 x 110 mm Ø 9.8 x 4.3 inches Airflow: Max. 920 CFM / 26.1 m3/min Aluminum die cast motor frame / Plastic Backward Curved Impeller.

Rated Voltage	Voltage Range	Input Power	Rated Current	Ref Speed	Max.	Airflow	Max. Stat	c Pressure	Noise Level	PQ Curves
VDC	VDC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm/H2O	dB (A)	
24	16~28	177.6	7.4	2900	920	26.1	2.17	55.12	73	1
24	16~28	129.6	5.4	2600	825	23.4	1.95	49.53	67	2
48	36~54	182.4	3.8	2900	920	26.1	2.17	55.12	73	1
48	36~54	129.6	2.7	2600	825	23.4	1.95	49.53	67	2
	Voltage VDC 24 24 48	VDC VDC 24 16~28 24 16~28 48 36~54	VDC VDC Watt 24 16~28 177.6 24 16~28 129.6 48 36~54 182.4	VDC VDC Watt Amp 24 16~28 177.6 7.4 24 16~28 129.6 5.4 48 36~54 182.4 3.8	VDC VDC Watt Amp RPM 24 16~28 177.6 7.4 2900 24 16~28 129.6 5.4 2600 48 36~54 182.4 3.8 2900	VDC VDC Watt Amp RPM CFM 24 16~28 177.6 7.4 2900 920 24 16~28 129.6 5.4 2600 825 48 36~54 182.4 3.8 2900 920	VDC VDC Watt Amp RPM CFM m3/min 24 16~28 177.6 7.4 2900 920 26.1 24 16~28 129.6 5.4 2600 825 23.4 48 36~54 182.4 3.8 2900 920 26.1	VDC VDC Watt Amp RPM CFM m3/min lnch/H2O 24 16~28 177.6 7.4 2900 920 26.1 2.17 24 16~28 129.6 5.4 2600 825 23.4 1.95 48 36~54 182.4 3.8 2900 920 26.1 2.17	VDC VDC Watt Amp RPM CFM m3/min Inch/H2O mm/H2O 24 16~28 177.6 7.4 2900 920 26.1 2.17 55.12 24 16~28 129.6 5.4 2600 825 23.4 1.95 49.53 48 36~54 182.4 3.8 2900 920 26.1 2.17 55.12	VDC VDC Watt Amp RPM CFM m3/min Inch/H2O mm/H2O dB (A) 24 16~28 177.6 7.4 2900 920 26.1 2.17 55.12 73 24 16~28 129.6 5.4 2600 825 23.4 1.95 49.53 67 48 36~54 182.4 3.8 2900 920 26.1 2.17 55.12 73

** = "BL" for Ball bearing wire lead type

We Reserve the right to change data and improve electrical & mechanical design without notice, data tolerance +/- 10%

		Performance P-Q Curves.
Motor Type: Burnout Protection: IP Protection:	Microprocessor brushless DC Motor, auto cutoff, auto restart Electronically protected, polarity protected -	(w.g) mm inch
Mechanical		-52 2.2.5
Frame:	Aluminum die casting motor frame	0 18 0
Impeller:	PA66 nylon	<u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
Bearing:	Two ball bearings	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Rotation:	CW seen on rotor	D 29 1.35
Connection:	Wire leads	0
Weight:	1600 g (3.52Lbs)	₩ ₂₀ 0.9
Electronical		
Dielectric Strength:	500 VAC/min. Max leakage 500mA	0145 0.45
Speed Control:	Optional:PWM, S/C NTC thermister,0~10V control voltage S/V	Q 0.45
Signal Output:	Optional:R/D alarm output, tachometer output F/G	ST ST
Environment		
Operating Temp:	-20°C~+65°C	0 154 308 462 616 770 924 cfm
Storage Temp:	-25°C~+75°C (at 65%RH)	P Q 0 3 6, 9.3 12 15 18 22 25 m3/min
Life Expectancy:	L10 50K hours at 25°C	
		AIR FLOW

• Outline Dimensions.

