



# Specification For Approval

## EC-AC Brushless Impeller

**Model: KMI4E320146HB2M-SB**

**Version: A01**

<b>Approval</b>	<b>Checked</b>	<b>Editor</b>
<b>Taylor Chen</b>	<b>Zheng</b>	<b>Tom</b>

<b>Customer</b>		
<b>Customer recognition</b>	<b>Acceptance</b>	<b>Approval</b>



## DATA SHEET

Model : KMI4E320146HB2M-SB

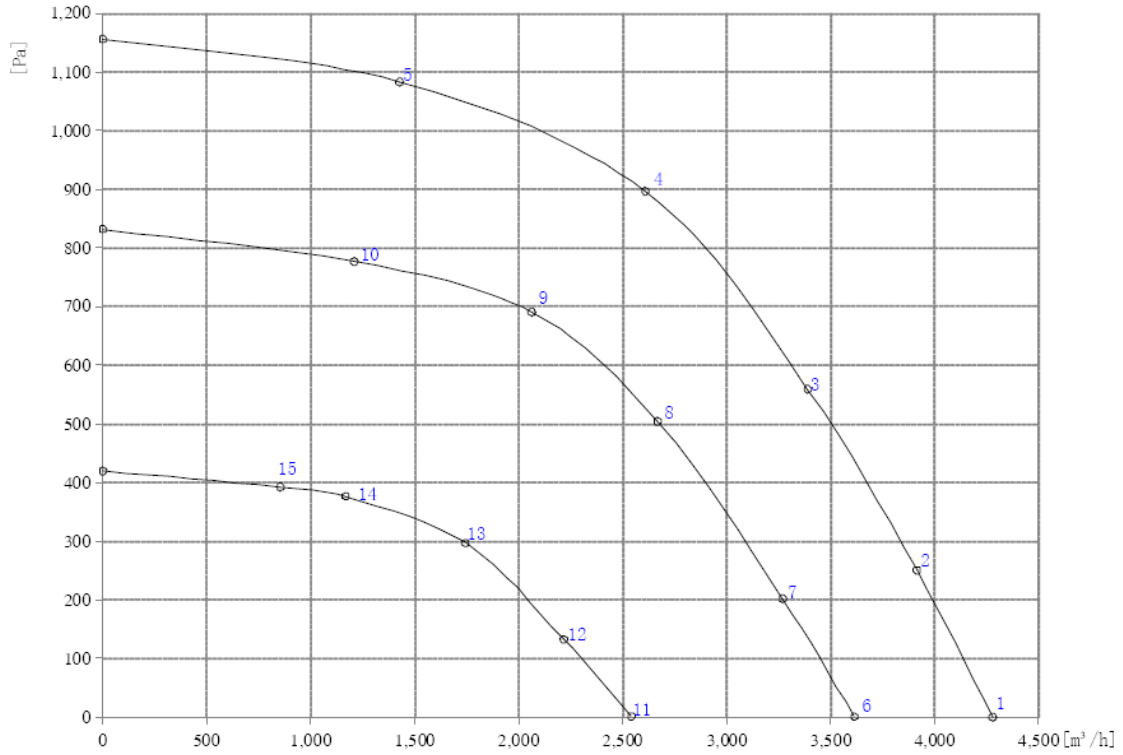
Customer P/N:

Safety:

### SPECIFICATION

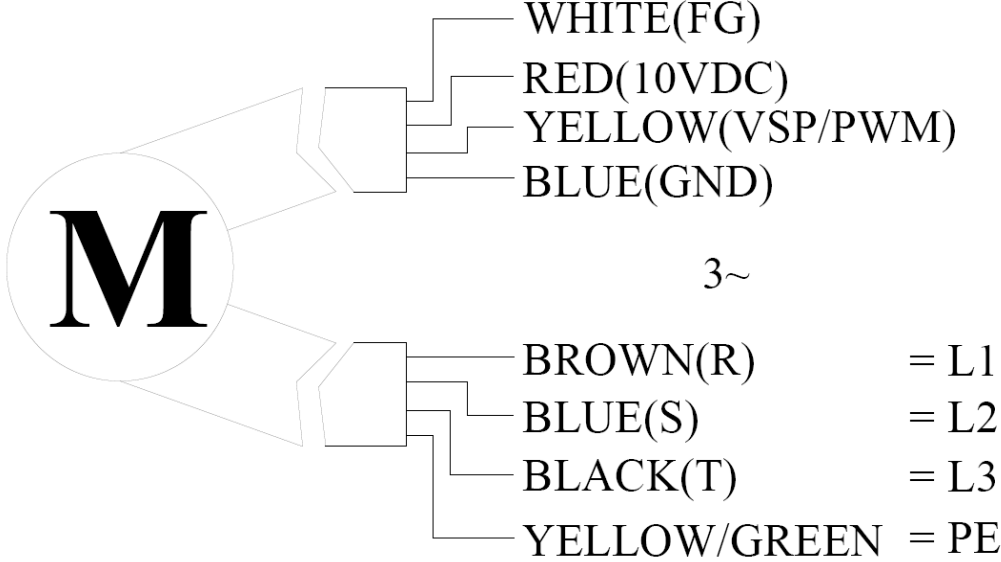
1. Dimension	400*400*261 mm
2. Bearing System	2 Ball Bearing
3. Rated Voltage	400 VAC 50/60 Hz
4. Operating Voltage	380~480 VAC
5. Starting Voltage	380 VAC
6. Input Current	1.8 A
7. Input Power	1000 W
8. Rated Speed	2900±5% RPM
9. Rotation	Clockwise, seen on rotor
10. Air Flow	4300 m <sup>3</sup> /h
11. Static Air Pressure	1150 Pa
12. Soft Start	Yes
13. Speed Control	PWM or 0~10VDC
14. Tachometer Output	Open collector, 12 Pulses/Rev
15. Auto Restart	Yes
16. Alarm Output	No
17. Noise Level	84 dB(A)
18. Lead Wire	Variable
19. Connector	No
20. Ambient temperature	-25~50°C
21. Life Expectance	≧ 24,000 hours continuous operating at 25°C
22. Insulation class	"F"
23. Operation mode	Continuous operation (S1)
24. Type of protection	IP54
25. Number of blades	7
26. Dielectric Strength	2200VAC/60Hz, 1 min, Leakage current ≤10 mA
27. Net Weight	14.0 kg
28. Packing	Corrugated carton, pcs/carton

# PERFORMANCE CURVES



项目 ITEM	电压 VOLTAGE	频率 FREQUENCY	转速 SPEED	功率 POWER	电流 CURRENT	风量 AIRFLOW	静压 PRESSURE	Vsp
单位 UNIT	[V]	[Hz]	[r/min]	[W]	[A]	[m³/h]	[Pa]	[V]
1	380	50	2860	973	1.73	4279	0	10V
2	380	50	2860	1085	1.75	3913	250	
3	380	50	2854	1234	1.95	3389	559	
4	380	50	2821	1240	1.98	2608	897	
5	380	50	2860	1048	1.83	1426	1083	
6	380	50	2415	586	1.04	3614	1	7V
7	380	50	2426	684	1.18	3269	202	
8	380	50	2421	806	1.37	2666	505	
9	380	50	2427	786	1.32	2062	691	
10	380	50	2422	637	1.11	1208	777	
11	380	50	1713	231	0.49	2540	1	5V
12	380	50	1712	272	0.57	2216	133	
13	380	50	1715	305	0.62	1743	297	
14	380	50	1716	282	0.58	1167	377	
15	380	50	1716	252	0.52	853	392	

# Connection Methods



# Product Outline(unit:mm)

