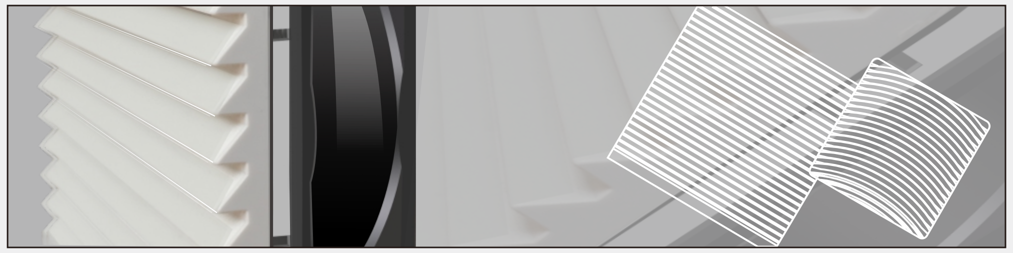
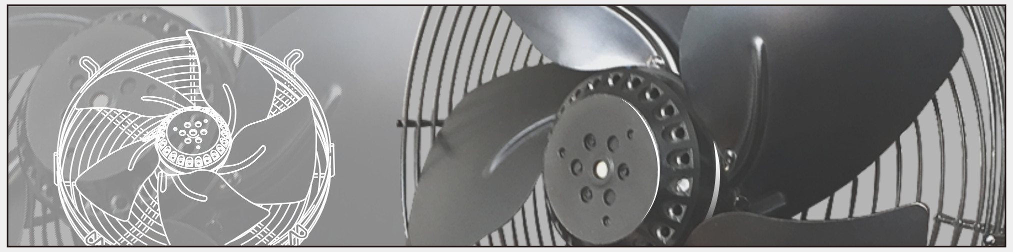
Wenzhou Jason Fan Manufacturer CO.,LTD.
Add: NO.98 Xinghu Road, Yueqing, Zhejiang, China
Tel : +86-577-55775657
Fax: +86-577-57122277
www .jasonfan.cn

浙江溫州杰晟風扇

fan JASON
Fan Manufacturer CO.,LTD.



General Catalog 2019

www.jasonfan.cn

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:: · 98
: (0086) 577-55775657 57122288
: (0086) 577-57122277
: www.jasonfan.cn

ABOUT US关于我们

Wenzhou Jason Fan Manufacturer Co., Ltd., abbreviated as Jason Fan, is a vigorous and sustainable enterprise.

Jason Fan was founded in 2006. As an enterprise specializing in R&D and production of AC fans, we develop and complete five series , including AC axial fan series, sickle impeller series, plastic impeller fan series, centrifugal fan series and filter fan series applied for refrigeration, air conditioning, ventilation, electronics, medical, rail transit and automotive industry , and provide customers with customized solutions. Until now , We have gotten approvals of CE, CCC, UL, RoHS, and we are willing to apply for other certificates according to customer requirements.

We disciplines ourselves, choose the best raw materials, and constantly update and adjust the process, in order to present the most perfect shape of the product. In pursuit of excellence, Jason Fan is equipped with professional laboratory system, including test equipment for air volume, noise and high-low temperature alternating cabinet (salt spray chamber included) , which makes adequate preparation for timely adjustment with customer feedback information.

Our products have been sold all over the world by excellent distributors in Brazil,Russia, Europe, Australia, etc. Embracing the concept of environmental protection and Ecomagination, We here invite more partners to work together to create a new world for cooling, ventilation and refrigeration industry.

JASONFAN,

2006

AC

CE,CCC,UL,RoHS

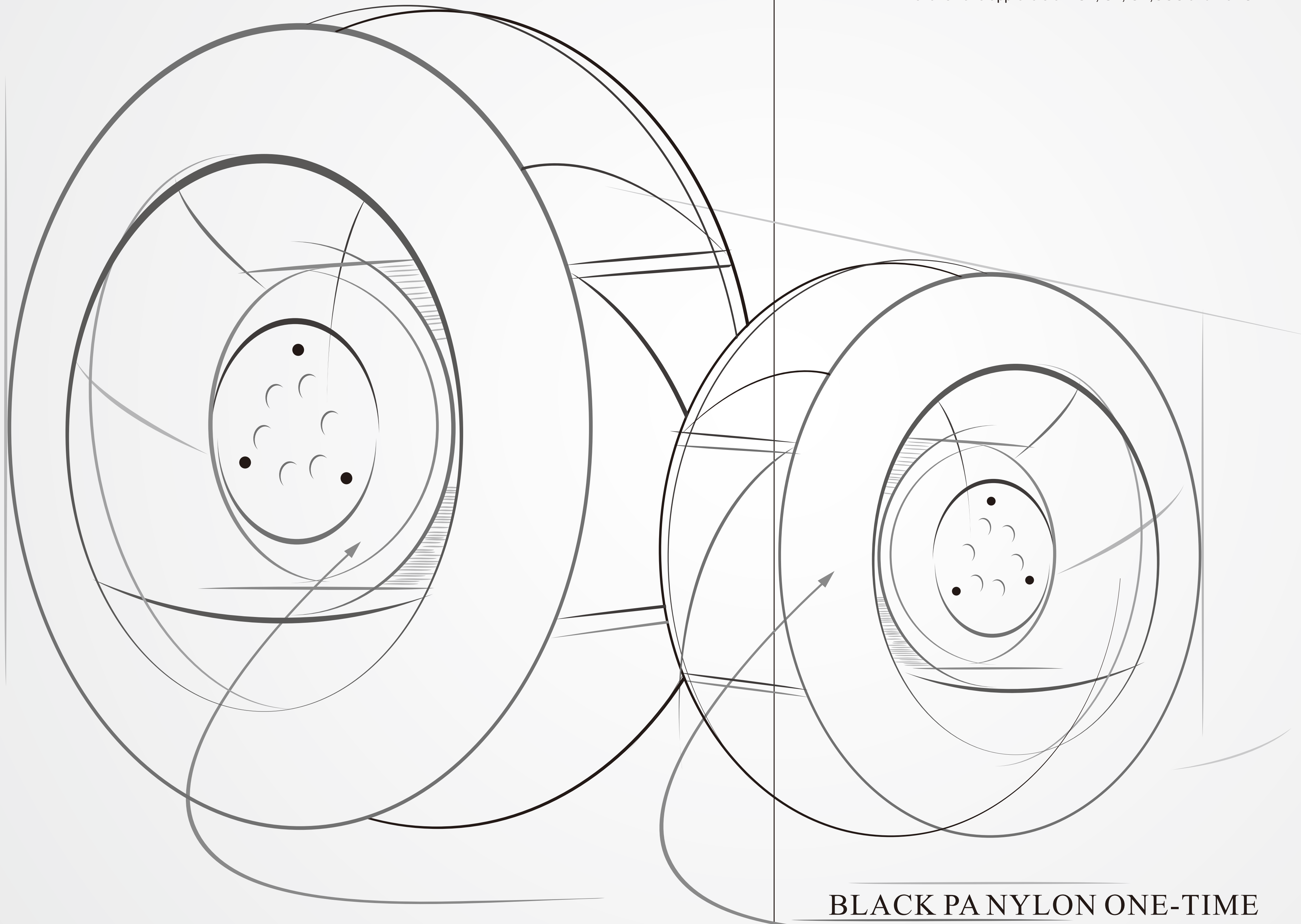
Ecomagination)

Contents

Centrifugal Fan Series

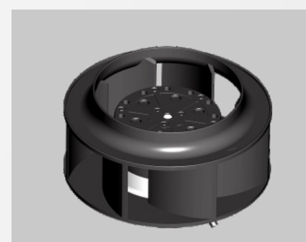
- Small compact structure, able to operate at very low noise under high air pressure.
- Synthetic plastic centrifugal impeller, high efficient airfoil blade design.
- External rotor motor ensures excellent heat dissipation effect, and increases their endurance to high temperature.
- Applicable to run under bad air medium.
- One-time molding Integral impeller increases the actual service life.
- Kinds of cooling types are realised by speeds controller set.
- Centrifugal fan of IP55 protection class is available.
- Wide choices for accessories: finger guard, inlet ring, capacitor, connection box, and so on.
- The fans have approvals of TUV, UL, CE,CCC and RoHS.

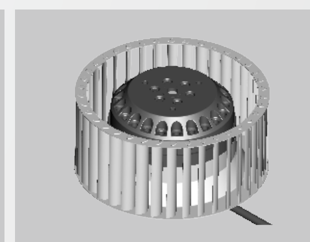
- ,
-
- ,
-
- ,
-
- IP55
-
- TUV, UL, CE, CCC RoHS

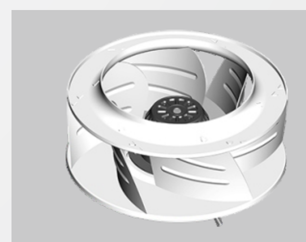


external rotor

BLACK PA NYLON ONE-TIME INJECTION MOULDING







Fan fan JASON Manufacturer CO.,LTD

COMMON MODELS DESCRIPTION

常规型号说明

F J C	2 E	2 2 5	6 3	A

Centrifugal fan serial number
离心风扇编号

The fan impeller diameter
风扇叶轮直径
Ø133. impeller size(mm)
Ø175. impeller size(mm)
Ø350.impeller size(mm)

Suffix: Type of configuration
后缀:类型的配置
A.B.C. The motor type
TS.Multi-speed

Number of motor poles / input voltage
马达极数和输入电压

2. =2poles	S. =115V
4.=4poles	E.=230V
6.=6poles	D.=380V

Outlet height size
出风口高度尺寸
41.Tuyere height(mm)
44.Tuyere height(mm)
63.Tuyere height(mm)

Reference based on the shape and size of outlet, which helps you to quickly select the best choice for your installation.
引用基于外形及出风口尺寸, 这能让你快速选择你安装的最佳选择

Example:

> If your spin room fitted to impeller diameter Ø 225 mm, outlet size 63 mm, voltage 230V, 2 poles motor, please choose model FJC2E22563

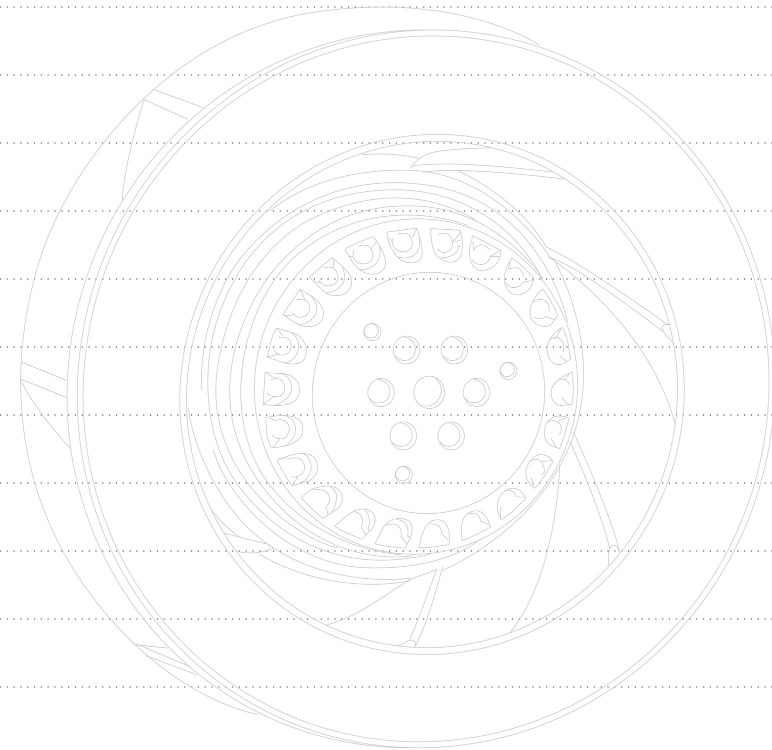
225mm, 63mm, 230V,
FJC2E22563

?

> When you look for centrifugal fan of dual voltage 230 V / 400 V, 4 poles motor, spin room fitted to impeller diameter Ø 225 mm, please choose model FJC4ED225

230V / 400V , ,
Ø225mm
FJC4ED225

> We can customize your unconventional products.



Total solution
总解决方案

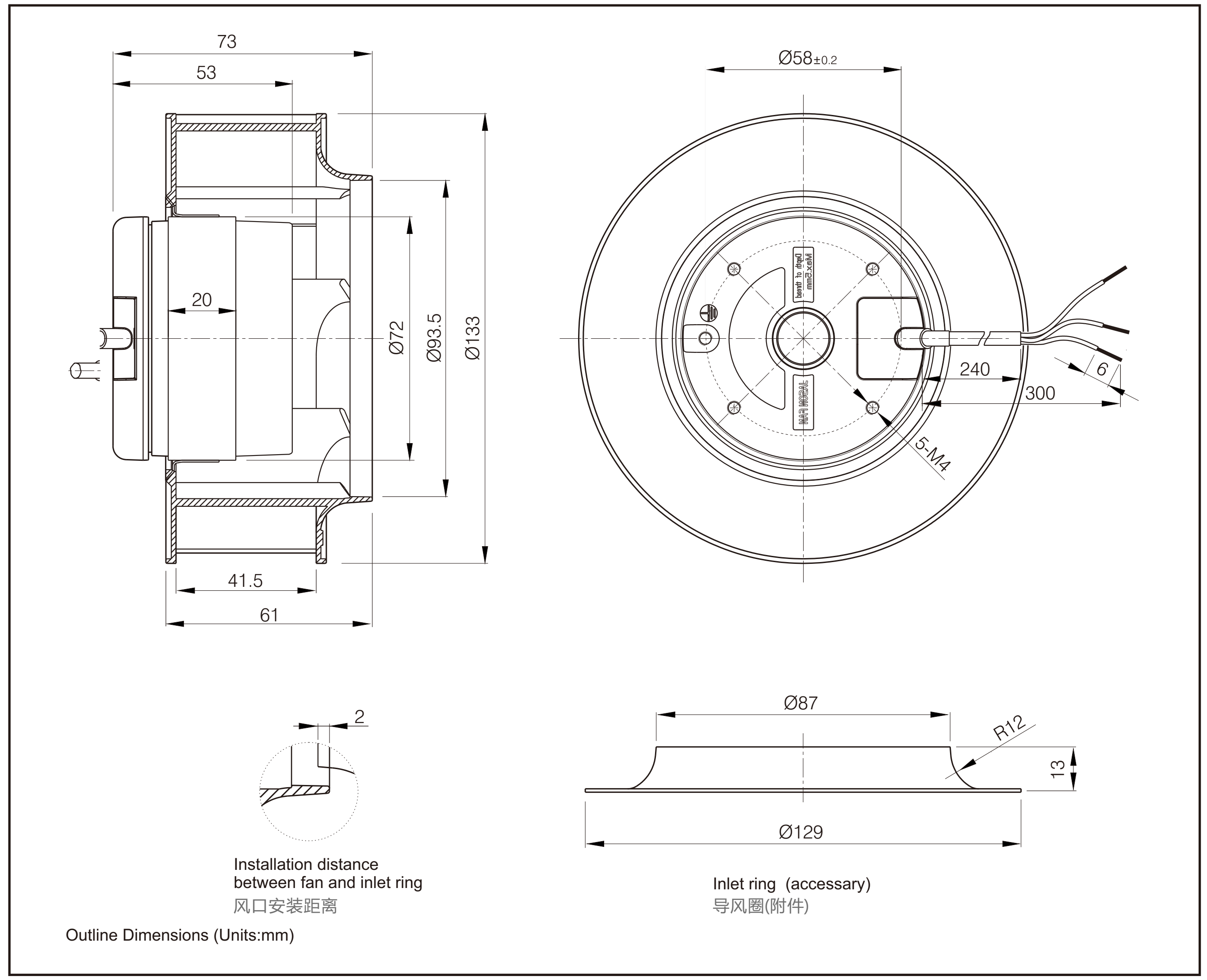
CENTRIFUGAL FAN Ø133

CE ⓒⓤⓛ

1. **Motor**
   Shaded pole external rotor motor
2. **Impeller**
   Black PA nylon one-time injection moulding
3. **Allowable environment temperature and humidity range:(under unconcretionary condition)**
   -25℃ ~ +80℃ (temperature) 0% ~ 95% (humidity)
4. **Protection**
   Impedance protected / Automatic recovery thermal protection
5. **Withstand Voltage**
   AC 1,800V ,1 min at 0.5mA, 50/60 Hz
6. **Insulation Grade**
   design according to IEC61858 Grade F,
7. **Protection Grade**
   IP44

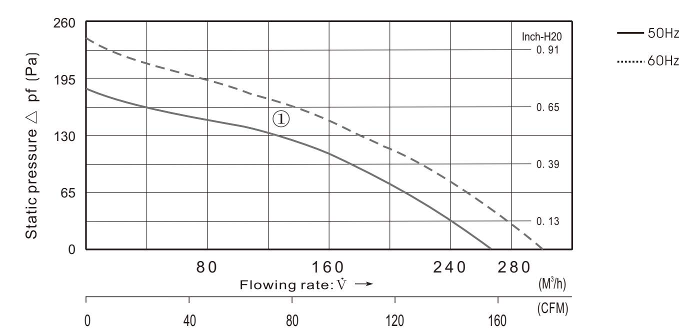
1.
2. PA
3. : ( )
   -30 ~ +80 ( ) 0%~ 95% ( )
4. :
   /
5. AC 1800V 0.5mA 50/60Hz 1
6. IEC61858 F
7. IP 44

C2E-133.41C



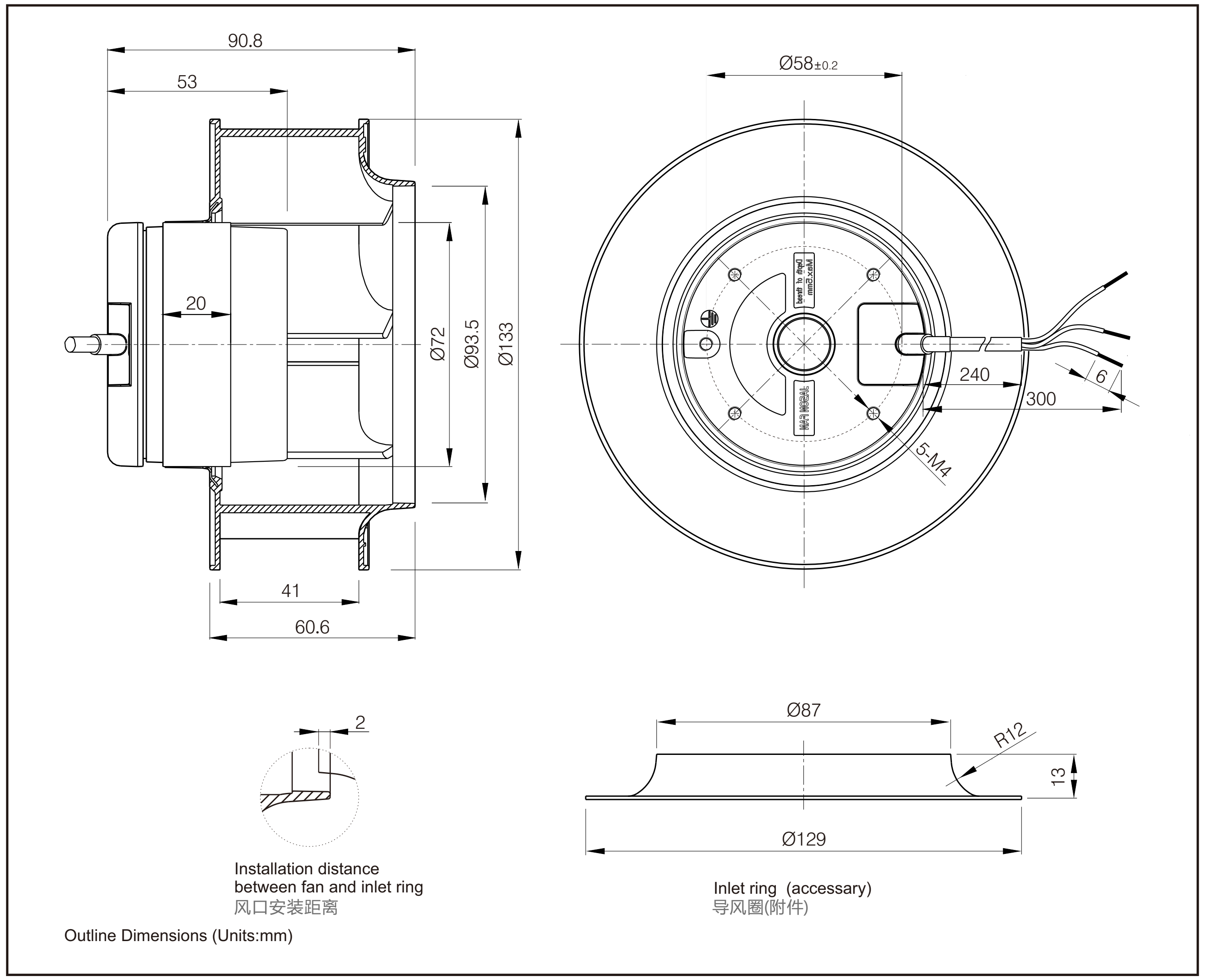
Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 660g

Ⓐ
Ⓑ UL3266-18
Ⓒ 660g



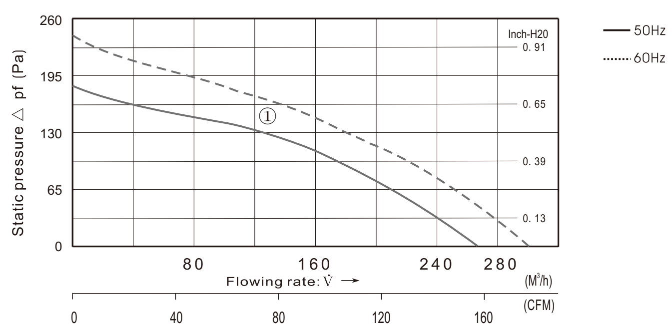
Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2S-133.41C	M2S7201-AB	115	50	0.51	38	2650	159	270	180	52	①	------
			60	0.42	35	2700	177	300	240	55		
C2E-133.41C	M2E7201-AB	230	50	0.26	39	2550	159	270	180	52		
			60	0.23	39	2670	177	300	240	55		
C2D-133.41C	M2D7201-AB	380	50	0.13	35	2550	159	270	180	52		
			60	0.11	34	2670	177	300	240	55		



Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 660g

Ⓐ
Ⓑ UL3266-18
Ⓒ 0.66kg



Parameters

Type	Motor	Rated Voltage	Frequency	current	Power	Speed	Max Air Flow		Static Pressure	Noise	Curve	Capacitor
		V	Hz	(A)	(W)10%/20%	(min-1)	CFM	m3/h	(Pa)	(dB)		(μF)
C2S-133.41CS	M2S7201-AB	115	50	0.55	38	2650	159	270	180	52	①	------
			60	0.45	35	2700	177	300	240	55		
C2E-133.41CS	M2E7201-AB	230	50	0.25	41	2550	159	270	180	52		
			60	0.20	40	2670	177	300	240	55		

Total solution
总解决方案

CENTRIFUGAL FAN

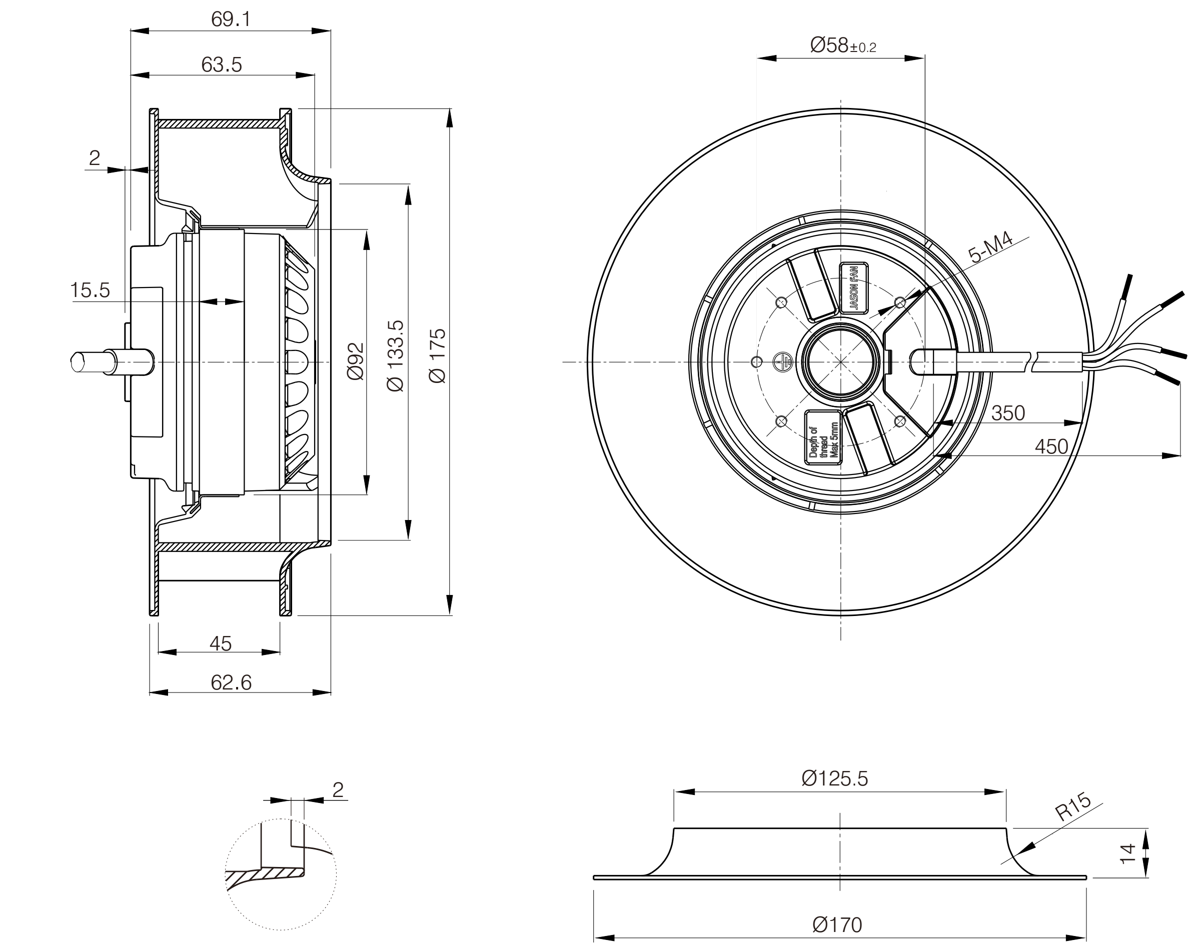
Ø175

CE CCC

1. **Motor**
   Cage type capacitor structure external rotor motor
2. **Impeller**
   Black PA nylon one-time injection moulding
3. **Allowable environment temperature and humidity range:(under unconcretionary condition)**
   -40 ～ +80 (temperature) 0% ～ 95% (humidity)
4. **Protection**
   Motor Internal with automatic recovery thermal protector
5. **Withstand Voltage**
   AC 1,800V , 1 min at 0.5mA, 50/60 Hz
6. **Insulation Grade**
   design according to IEC61858 Grade F,
7. **Protection Grade**
   IP44

1.
2. PA
3.) -40 ～+80 ( ) 0%～95%)
4. :
5. AC 1800V <10mA 50/60Hz 1
6. IEC61858 F
7. IP 44

C2E-175.45C



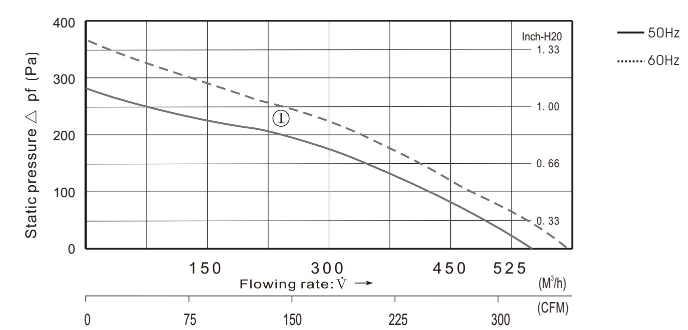
Installation distance between fan and inlet ring
风口安装距离

Inlet ring (accessary)
导风圈(附件)

Outline Dimensions (Units:mm)

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.24kg

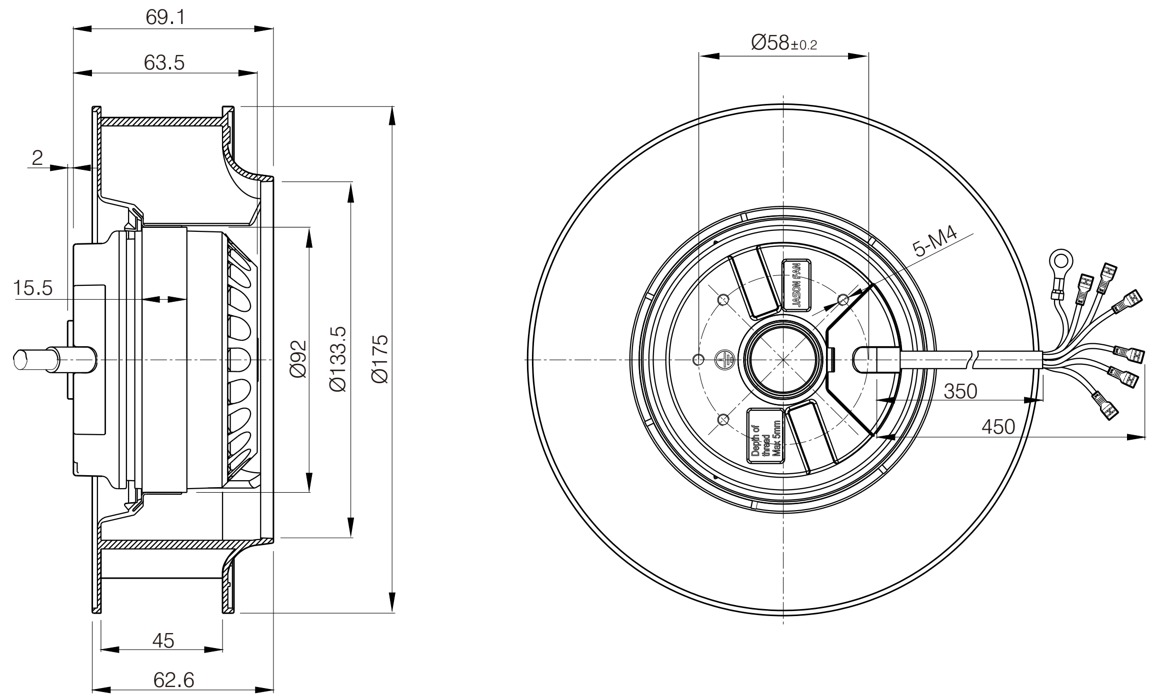
Ⓐ
Ⓑ UL3266-18
Ⓒ 1.24kg



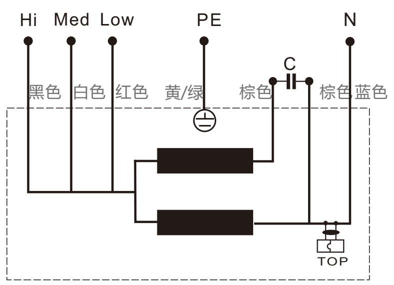
Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10%/-20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2S-175.45C	M2S9201-AF	115	50	0.57	56	2500	324	550	280	58	①	5.0/250
			60	0.53	59	2850	348	590	370	61		
C2E-175.45C	M2E9201-AF	230	50	0.27	56	2500	324	550	280	58		1.5/450
			60	0.28	59	2850	348	590	370	61		
C2D-175.45C	M2D9201-AF	380	50	0.16	57	2550	296	500	270	59		0.5/630
			60	0.17	64	2900	325	550	350	62		

C2E-175.45TS



Outline Dimensions (Units:mm)

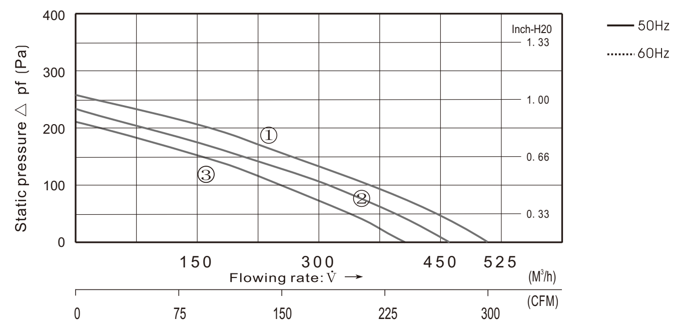


Single Phase Capacitor
Motor Wiring Diagram

N = Main Power Wire 主电源线
Hi = High Speed Running 高速运行
Med = Medium Speed Running 中速运行
Low = Low Speed Running 低速运行
PE = Earth Wire 地线
C = Capacitor 电容器
TOP = Thermal Protector 热保护

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.24kg

Ⓐ
Ⓑ UL3266-18
Ⓒ 1.24kg



Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2E-175.45TS	M2E9201-TS	240	50	0.22	53	2600	296	500	260	62	①	2.0/450
			50	0.20	44	2380	270	459	240	60	②	
			50	0.20	41	2140	242	410	210	58	③	

Total solution
总解决方案

CENTRIFUGAL FAN

Ø182

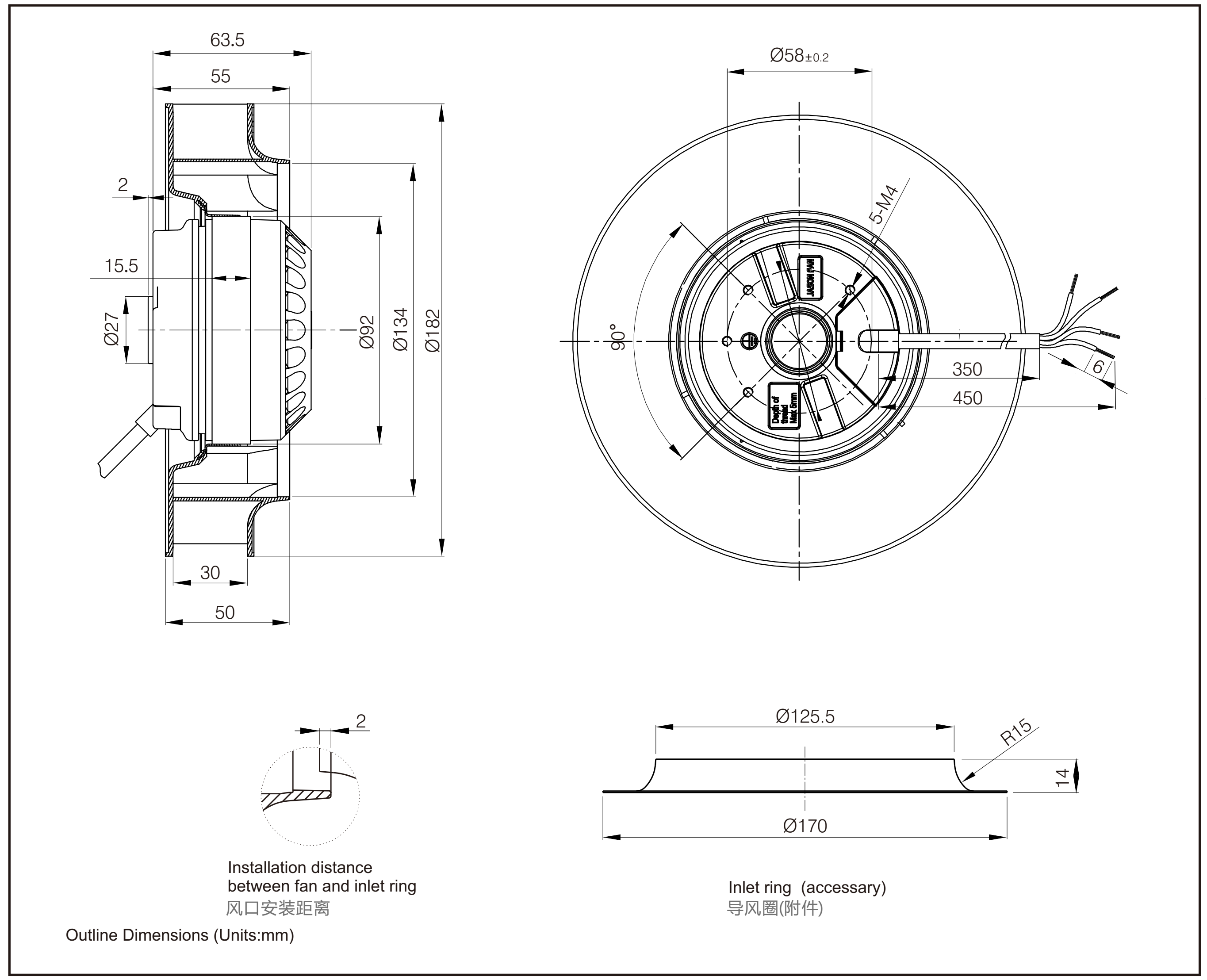
❶ Motor
Cage type capacitor structure external rotor motor
❷ Impeller
Black PA nylon one-time injection moulding
❸ Allowable environment temperature and
humidity range:(under unconcretionary condition)
-40 ~ +80 (temperature) 0% ~ 95% (humidity)
❹ Protection
Motor Internal with automatic recovery thermal protector
❺ Withstand Voltage
AC 1,800V , 1 min at 0.5mA, 50/60 Hz
❻ Insulation Grade
design according to IEC61858 Grade F,
❼ Protection Grade
IP44

❶

❷
PA
❸)
-40 ~+80 ( ) 0% ~95%)
❹ :

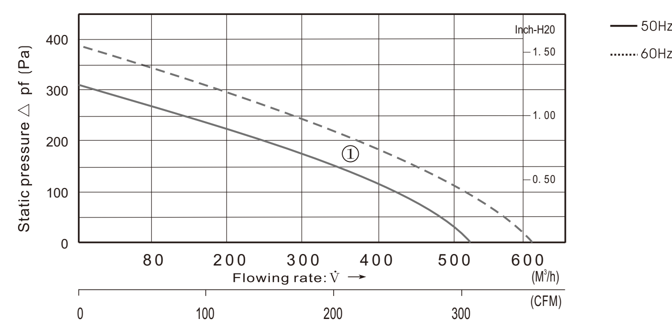
❺
AC 1800V <10mA 50/60Hz 1
❻
IEC61858 F
❼
IP 44

C2E-182.30A



Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.24kg

Ⓐ 风扇旋向：从扇叶方向看为顺时针
Ⓑ 电源连接：UL3266-18 引线连接
Ⓒ 单机重量：1.24kg



Parameters

Type	Motor 电机	Rated Voltage 额定电压 V	Frequency 周波数 Hz	current (A)	Power 功率 (W) +10% -20%	Speed 回转速度 (min-1)	Max Air Flow 最大风量 CFM	m3/h	Static Pressure 最大静压 (Pa)	Noise 噪音 (dB)	Curve 曲线	Capacitor 电容 (μF)
C2S-182.30A	M2S9201-AF	115	50	0.61	55	2650	306	520	310	57	①	5.0/250
			60	0.63	59	2970	360	610	380	60		
C2E-182.30A	M2E9201-AF	230	50	0.30	60	2650	306	520	310	57		1.5/450
			60	0.29	65	2970	360	610	380	60		
C2D-182.30A	M2D9201-AF	380	50	0.17	56	2650	306	520	310	57		0.5/630
			60	0.16	62	2970	360	610	380	60		

CENTRIFUGAL FAN

Ø190

1 Motor
Cage type capacitor structure external rotor motor
2 Impeller
Black PA nylon one-time injection moulding
3 Allowable environment temperature and humidity range:(under uncondensing condition)
-40 ~ +80 (temperature) 0% ~ 95% (humidity)
4 Protection
Motor Internal with automatic recovery thermal protector
5 Withstand Voltage
AC 1,800V , 1 min at 0.5mA, 50/60 Hz
6 Insulation Grade
design according to IEC61858 Grade F,
7 Protection Grade
IP44

1

2
PA

3)
-40 ~+80 ( ) 0% ~95%)

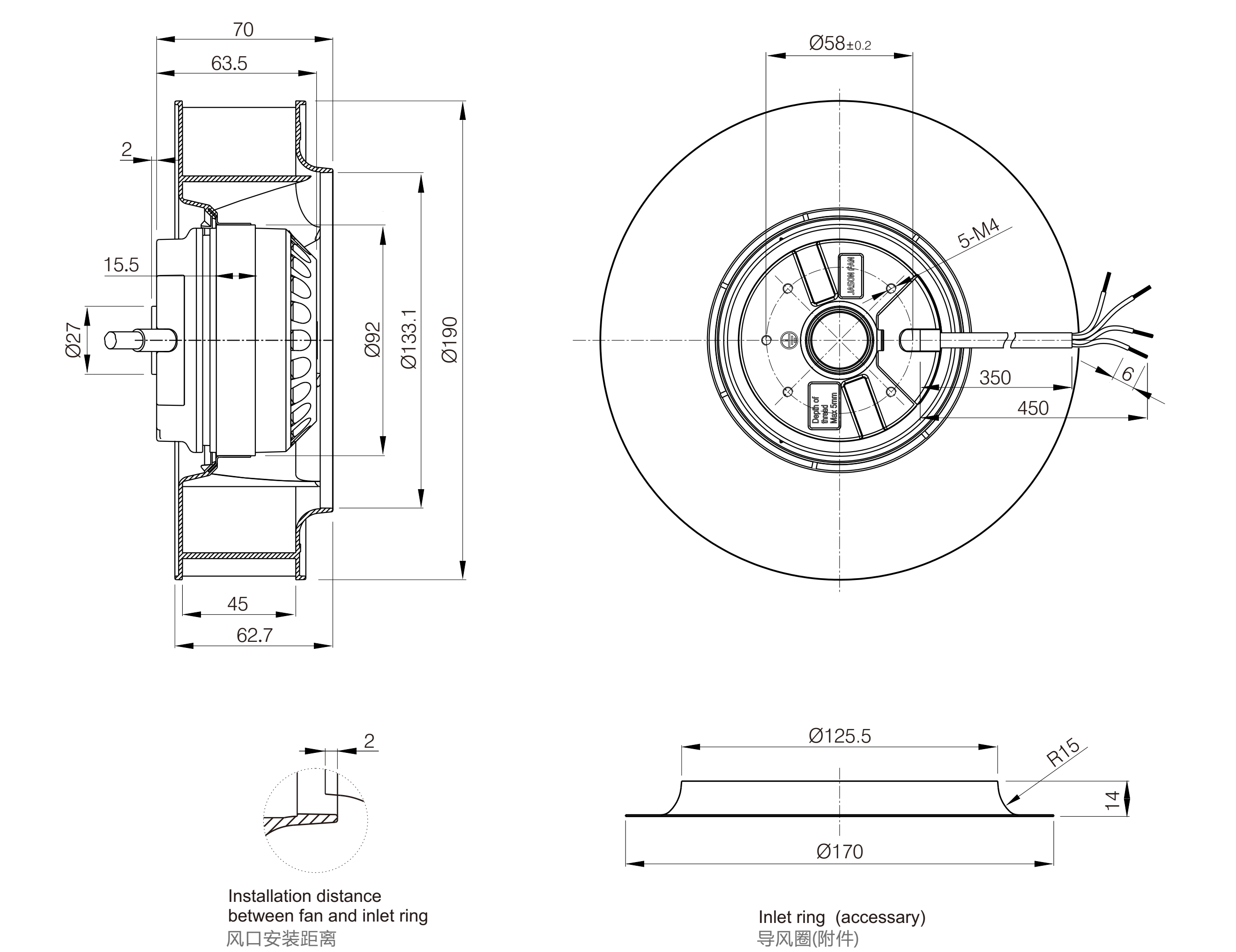
4 :

5
AC 1800V <10mA 50/60Hz 1

6
IEC61858 F

7
IP 44

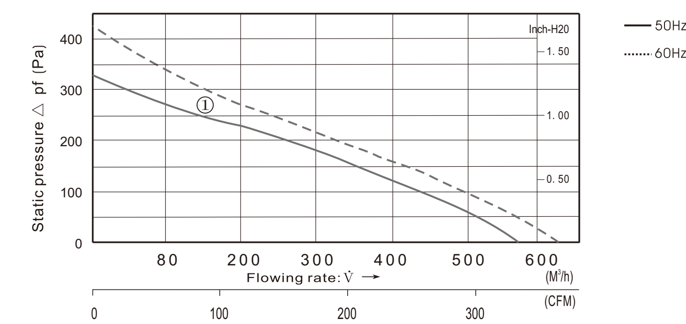
C2E-190.45A



Outline Dimensions (Units:mm)

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.27kg

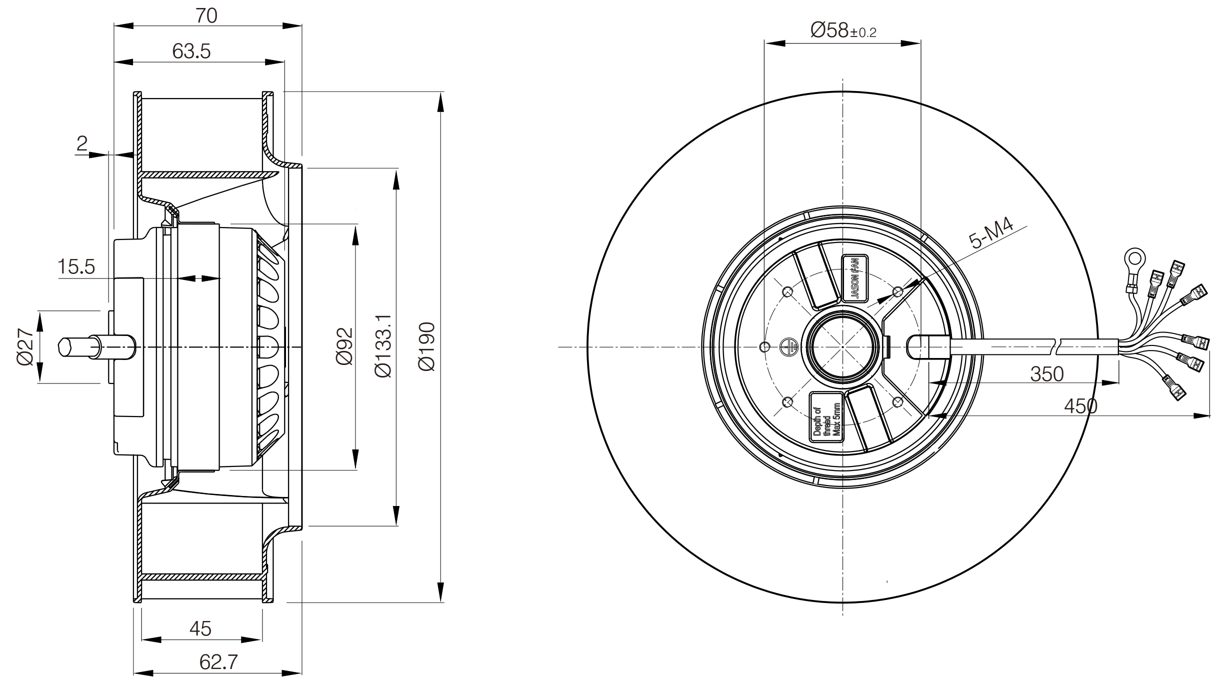
Ⓐ 风扇旋向：从扇叶方向看为顺时针
Ⓑ 电源连接：UL3266-18 引线连接
Ⓒ 单机重量：1.27kg



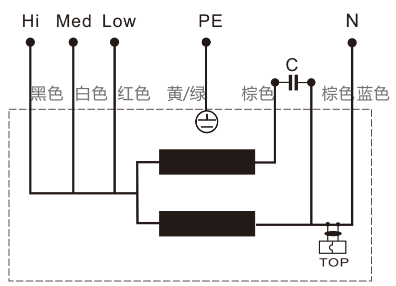
Parameters

Type 产品型号	Motor 电机	Rated Voltage 额定电压 V	Frequency 周波数 Hz	current 电流 (A)	Power 功率 (W)+10% -20%	Speed 回转速度 (min-1)	Max Air Flow 最大风量 CFM	m3/h	Static Pressure 最大静压 (Pa)	Noise 噪音 (dB)	Curve 曲线	Capacitor 电容 (µF)
C2S-190.45A	M2S9201-AF	115	50	0.64	65	2500	336	570	330	59	①	5.0/250
			60	0.65	71	2700	365	620	420	61		
C2E-190.45A	M2E9201-AF	230	50	0.28	60	2500	336	570	330	59		1.5/450
			60	0.31	71	2700	365	620	420	61		
C2D-190.45A	M2D9201-AF	380	50	0.17	63	2500	336	570	330	59		0.5/630
			60	0.19	73	2700	365	620	420	61		

C2E-190.45TS



Outline Dimensions (Units:mm)

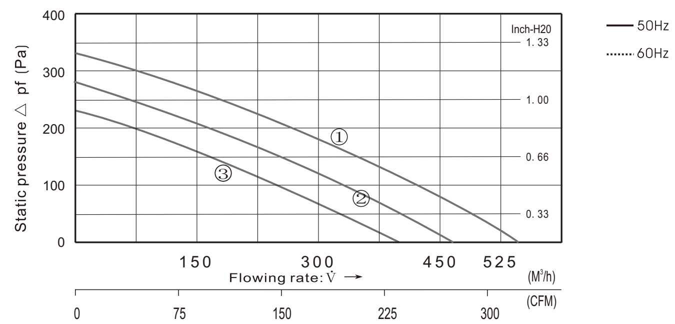


Single Phase Capacitor
Motor Wiring Diagram

N = Main Power Wire 主电源线
Hi = High Speed Running 高速运行
Med = Medium Speed Running 中速运行
Low = Low Speed Running 低速运行
PE = Earth Wire 地线
C = Capacitor 电容器
TOP = Thermal Protector 热保护

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.27kg

Ⓐ 风扇旋向：从扇叶方向看为顺时针
Ⓑ 电源连接：UL3266-18 引线连接
Ⓒ 单机重量：1.27kg



Parameters

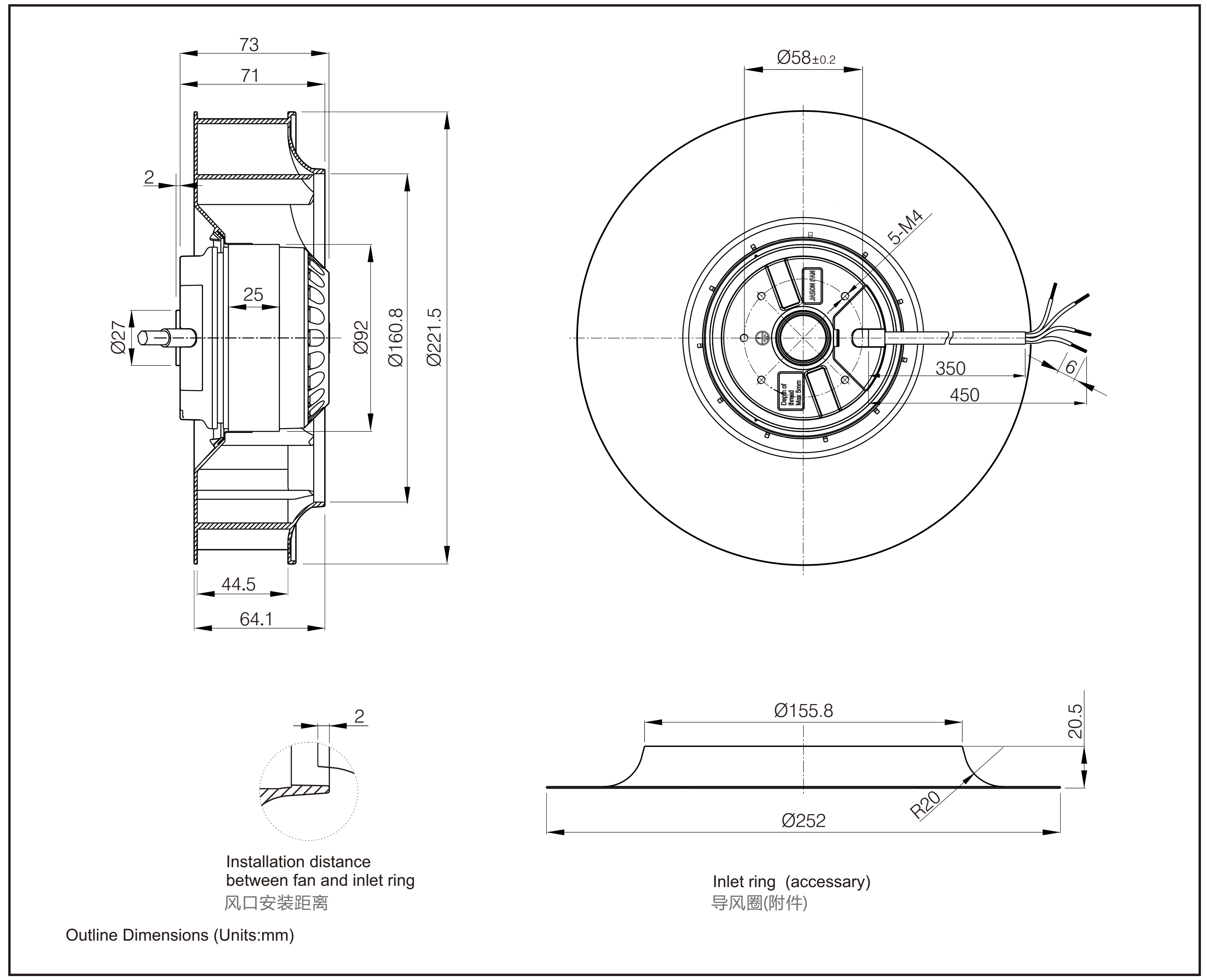
Type 产品型号	Motor 电机	Rated Voltage 额定电压 V	Frequency 周波数 Hz	current 电流 (A)	Power 功率 (W)+10% -20%	Speed 回转速度 (min-1)	Max Air Flow 最大风量 CFM	m3/h	Static Pressure 最大静压 (Pa)	Noise 噪音 (dB)	Curve 曲线	Capacitor 电容 (μF)
C2E-190.45TS	M2E9201-TS	230	50	0.31	62	2480	330	560	330	62	①	1.5/450
			50	0.21	47	2100	282	478	280	56	②	
			50	0.20	44	1800	236	400	230	52	③	

Total solution
总解决方案

CENTRIFUGAL FAN

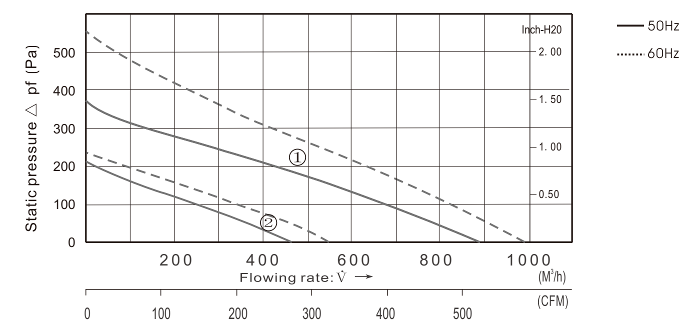
Ø220

C2E-220.44B



Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.8kg

Ⓐ
Ⓑ UL3266-18
Ⓒ 1.8kg



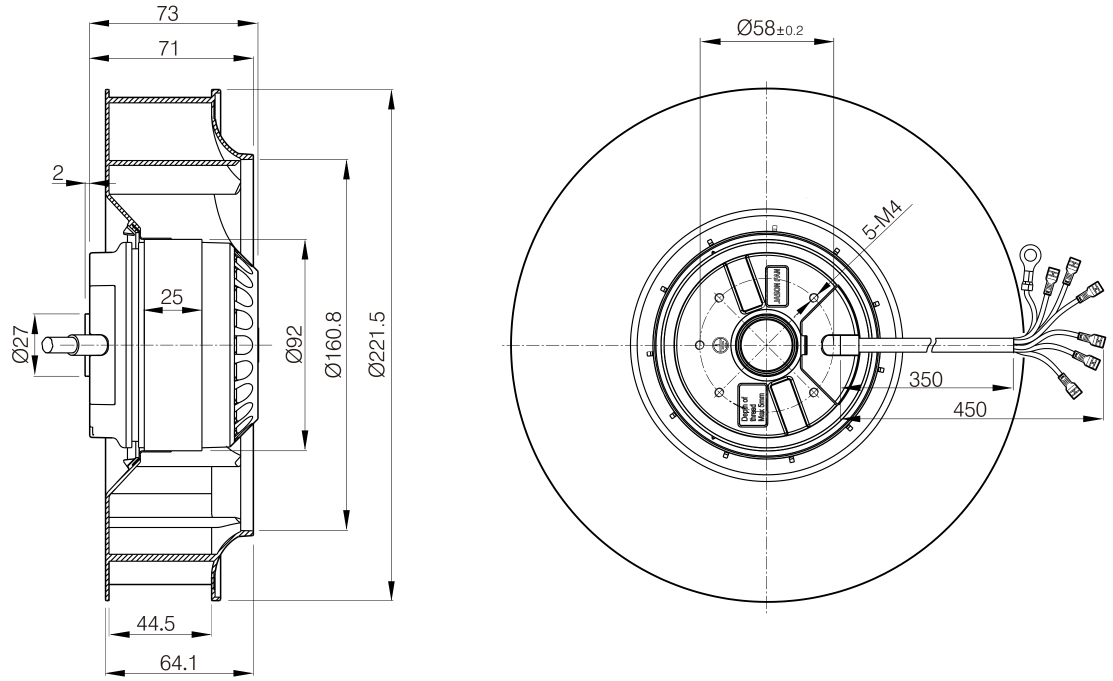
Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W)+10% -20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2S-220.44B	M2S9202-AF	115	50	1.00	98	2600	507	860	380	67	①	8.0/250
			60	1.07	120	2900	578	980	550	70		
C2E-220.44B	M2E9202-AF	230	50	0.46	98	2600	507	860	380	67		3.0/450
			60	0.51	118	2900	578	980	550	70		
C2D-220.44B	M2D9202-AF	380	50	0.26	93	2600	507	860	380	67		1.0/630
			60	0.32	122	2900	578	980	550	70		
C4E-220.44B	M4E9202-AF	230	50	0.20	38	1400	273	463	210	52	②	1.0/450
			60	0.17	35	1670	325	552	220	56		

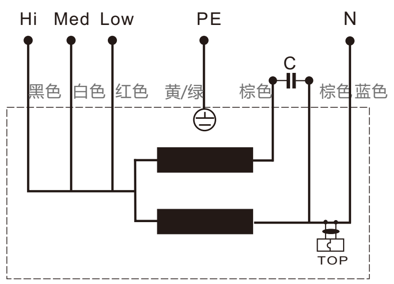
1. **Motor**
   Cage type capacitor structure external rotor motor
2. **Impeller**
   Black PA nylon one-time injection moulding
3. **Allowable environment temperature and humidity range:(under unconcretionary condition)**
   -40 ~ +80 (temperature) 0% ~ 95% (humidity)
4. **Protection**
   Motor Internal with automatic recovery thermal protector
5. **Withstand Voltage**
   AC 1,800V , 1 min at 0.5mA, 50/60 Hz
6. **Insulation Grade**
   design according to IEC61858 Grade F,
7. **Protection Grade**
   IP44

❶
❷ PA
❸ -40 ~+80 ( ) 0%~95%))
❹ :
❺ AC 1800V <10mA 50/60Hz 1
❻ IEC61858 F
❼ IP 44

C2E-220.44TS



Outline Dimensions (Units:mm)

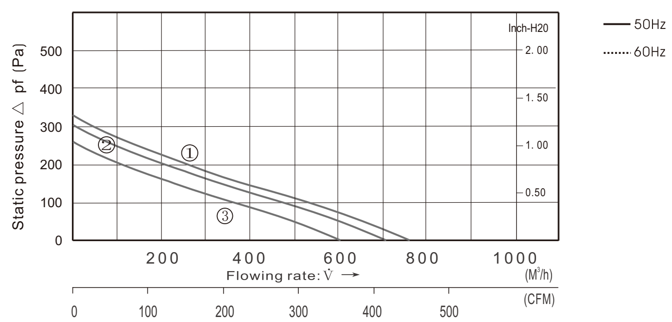


Single Phase Capacitor
Motor Wiring Diagram

N = Main Power Wire 主电源线
Hi = High Speed Running 高速运行
Med = Medium Speed Running 中速运行
Low = Low Speed Running 低速运行
PE = Earth Wire 地线
C = Capacitor 电容器
TOP = Thermal Protector 热保护

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.9kg

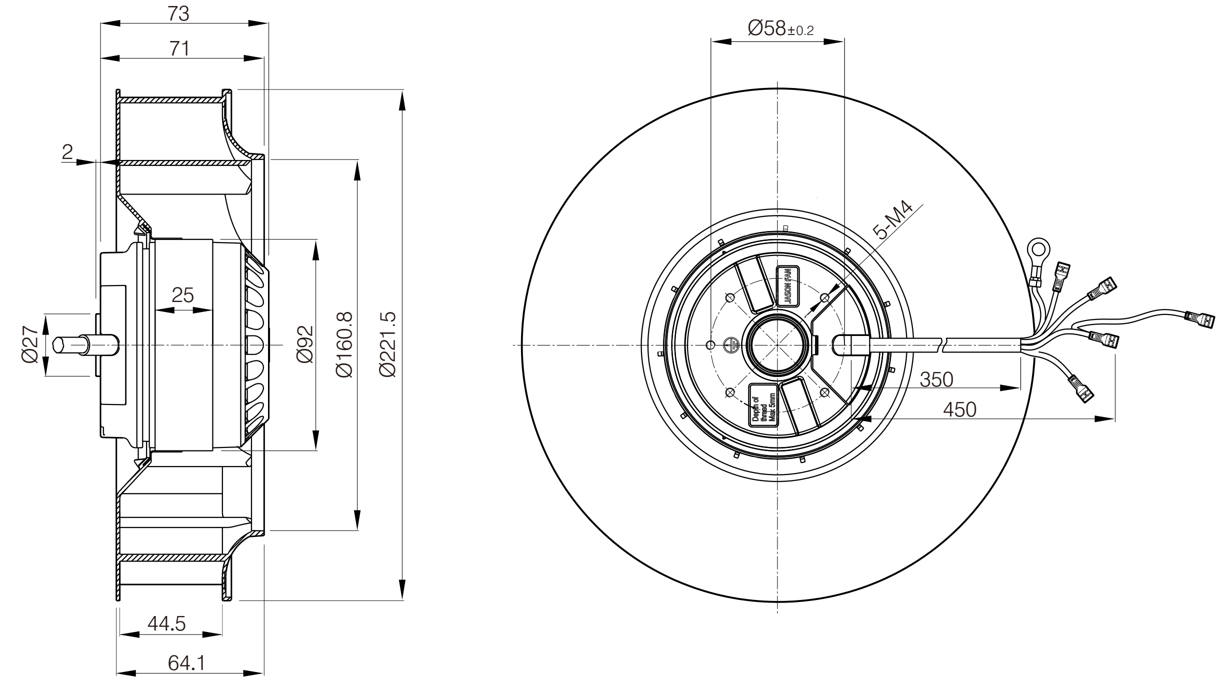
Ⓐ
Ⓑ UL3266-18
Ⓒ 1.9kg



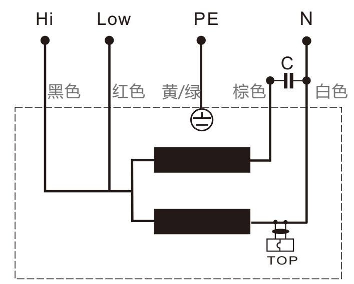
Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2E-220.44TS	M2E9202-TS	240	50	0.31	68	2310	448	760	330	64	①	3.0/450
			50	0.31	65	2150	418	708	310	63	②	
			50	0.30	62	1830	355	602	260	61	③	

C2E-220.44DS



Outline Dimensions (Units:mm)

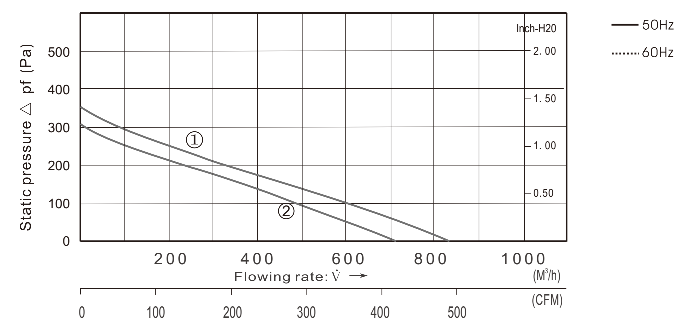


Single Phase Capacitor
Motor Wiring Diagram

N = Main Power Wire 主电源线
Hi = High Speed Running 高速运行
Low = Low Speed Running 低速运行
PE = Earth Wire 地线
C = Capacitor 电容器
TOP = Thermal Protector 热保护

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 1.9kg

Ⓐ
Ⓑ UL3266-18
Ⓒ 1.9kg



Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2E-220.44DS	M2E9202-DS	240	50	0.37	85	2490	436	820	360	65	①	3.0/450
			50	0.36	80	2160	400	710	310	63	②	

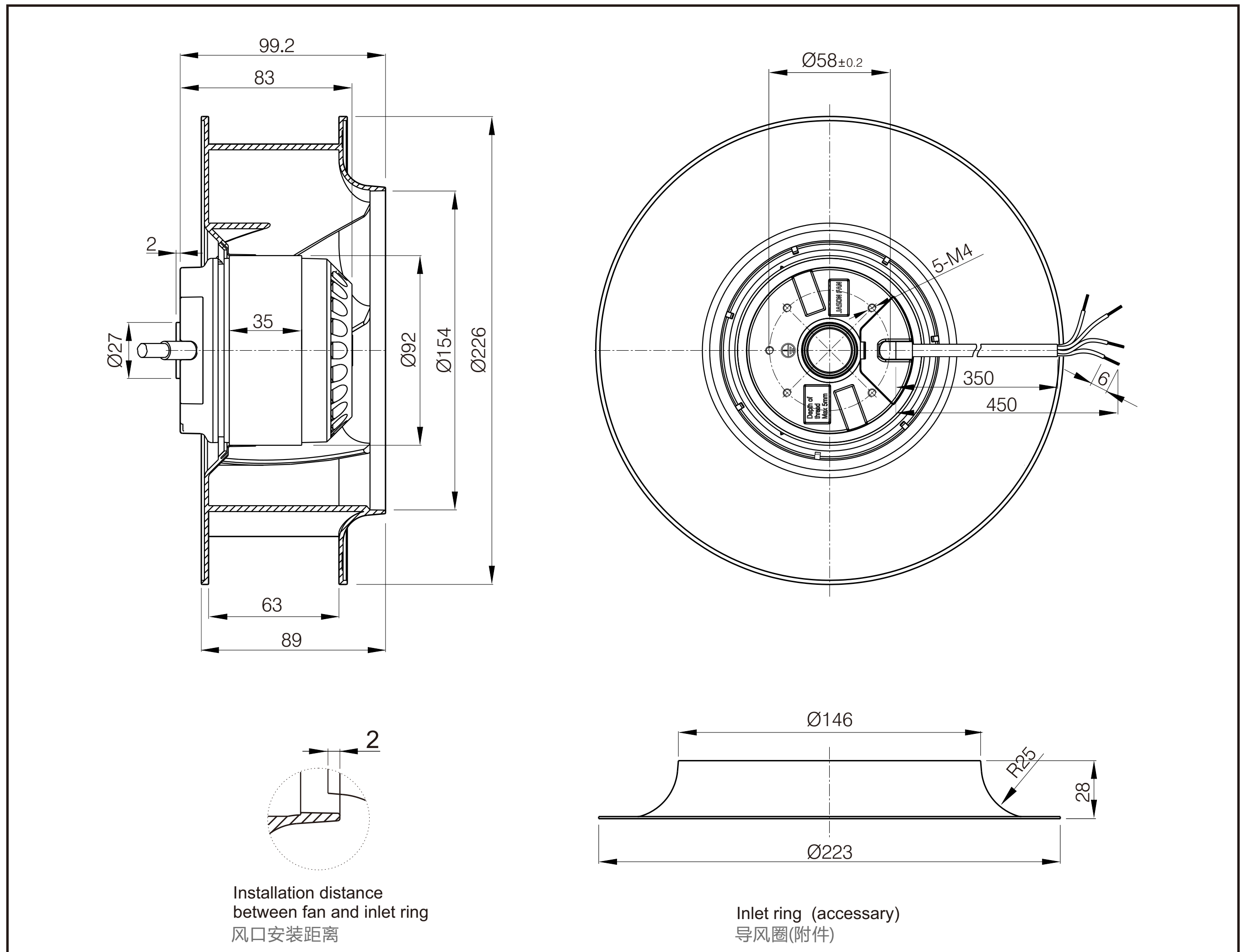
CENTRIFUGAL FAN

Ø225

1. **Motor**
   Cage type capacitor structure external rotor motor
2. **Impeller**
   Black PA nylon one-time injection moulding
3. **Allowable environment temperature and humidity range:(under uncondrecionary condition)**
   -40 ～ +80 (temperature) 0% ～ 95% (humidity)
4. **Protection**
   Motor Internal with automatic recovery thermal protector
5. **Withstand Voltage**
   AC 1,800V , 1 min at 0.5mA, 50/60 Hz
6. **Insulation Grade**
   design according to IEC61858 Grade F,
7. **Protection Grade**
   IP44

1.
2. PA
3.)
   -40 ～ +80 ( ) 0% ～ 95%)
4. :
5. AC 1800V <10mA 50/60Hz 1
6. IEC61858 F
7. IP 44

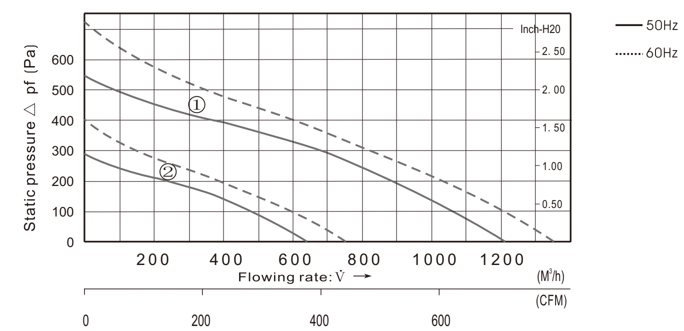
C2E-225.63C



Outline Dimensions (Units:mm)

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 2.3kg

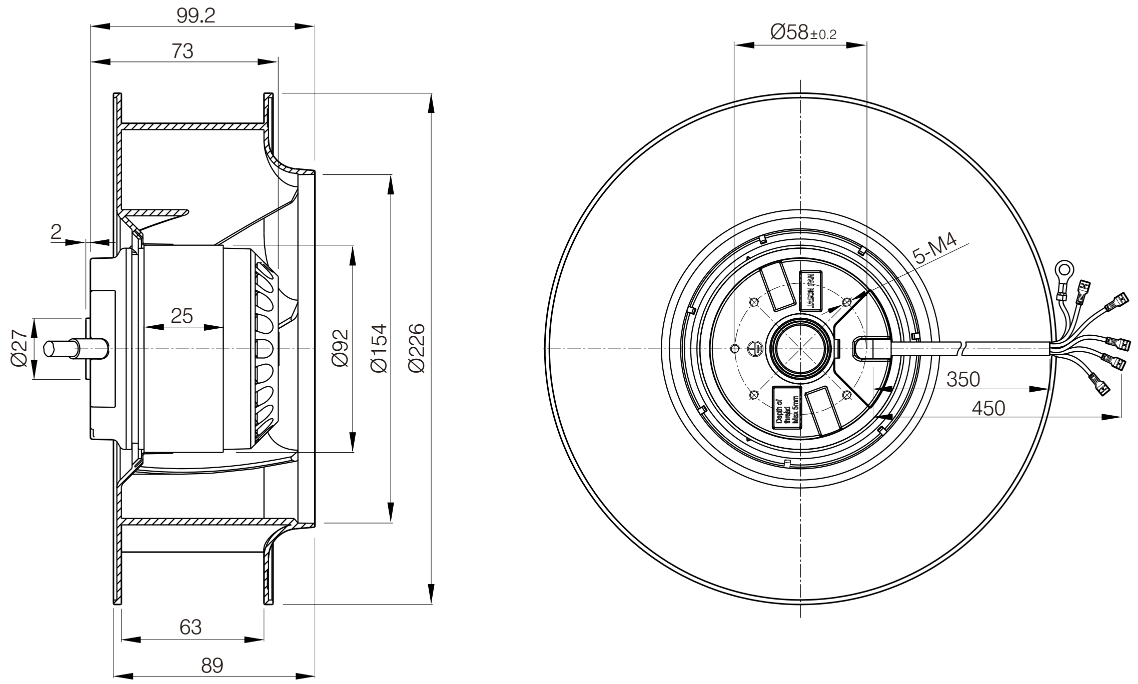
Ⓐ
Ⓑ UL3266-18
Ⓒ 2.3kg

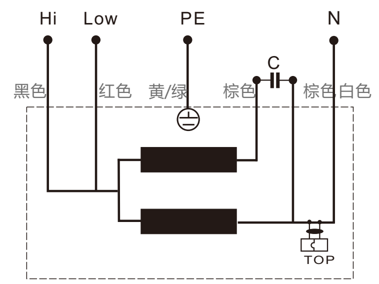


Parameters

Type	Motor	Rated Voltage	Frequency	current	Power	Speed	Max Air Flow		Static Pressure	Noise	Curve	Capacitor
		V	Hz	(A)	(W)+10% -20%	(min-1)	CFM	m3/h	(Pa)	(dB)		(μF)
C2S-225.63C	M2S9203-AF	115	50	1.25	119	2650	708	1200	540	68	①	10.0/250
			60	1.37	152	2950	790	1340	730	71		
C2E-225.63C	M2E9203-AF	230	50	0.60	131	2650	708	1200	540	68		4.0/450
			60	0.74	170	2950	790	1340	730	71		
C2D-225.63C	M2D9203-AF	380	50	0.33	125	2650	708	1200	540	68		2.0/630
			60	0.48	180	2950	790	1340	730	71		
C4E-225.63C	M4E9203-AF	230	50	0.28	51	1390	371	629	290	54	②	1.5/450
			60	0.24	53	1640	437	742	400	60		

C2E-225.63DS





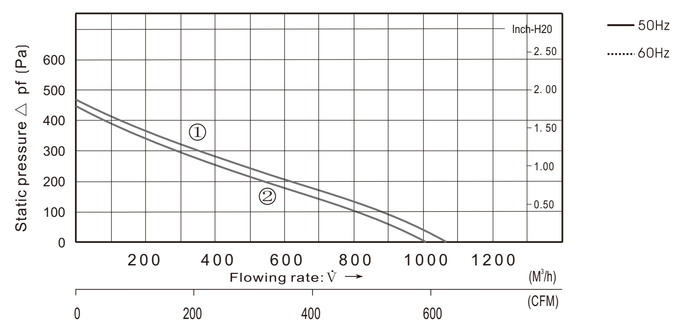
Single Phase Capacitor
Motor Wiring Diagram

N = Main Power Wire 主电源线
Hi = High Speed Running 高速运行
Low = Low Speed Running 低速运行
PE = Earth Wire 地线
C = Capacitor 电容器
TOP = Thermal Protector 热保护

Outline Dimensions (Units:mm)

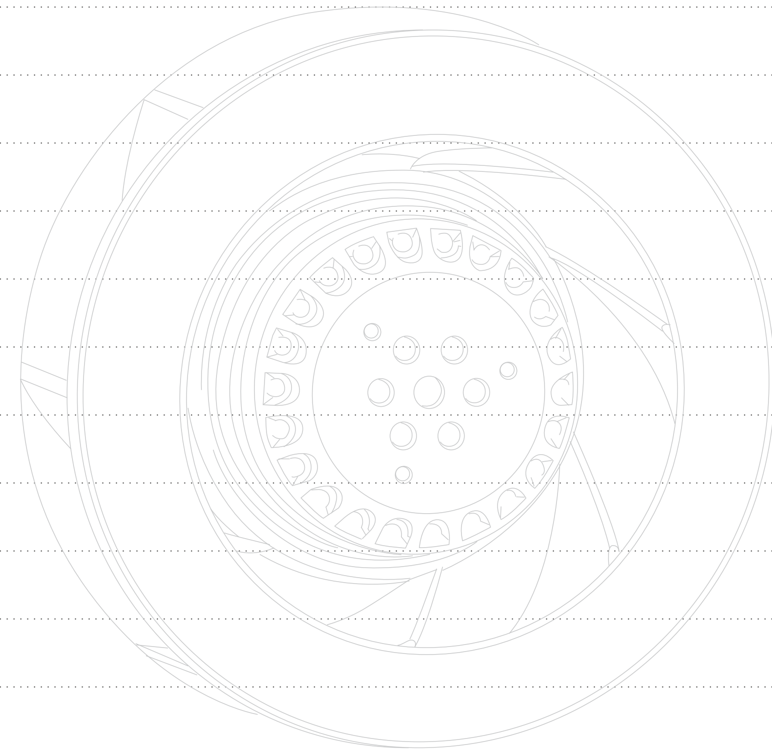
Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 2.3kg

Ⓐ
Ⓑ UL3266-18
Ⓒ 2.3kg



Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W)	Speed (min-1)	Max Air Flow CFM	m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2E-225.63DS	M2E9203-DS	240	50	0.38	92	2380	635	1077	485	66	①	3.0/450
			50	0.37	86	2220	593	1005	452	64	②	



Total solution
总解决方案

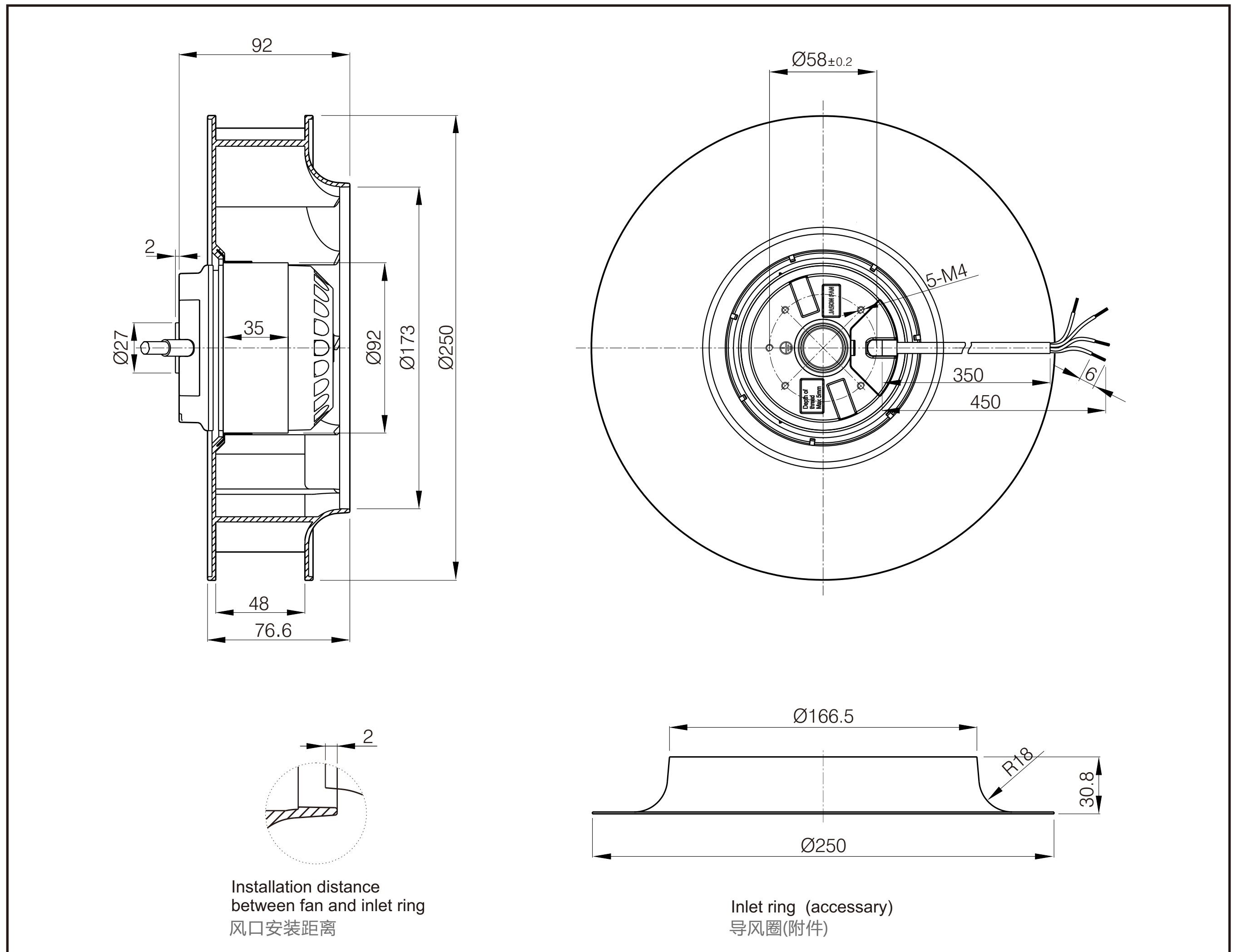
CENTRIFUGAL FAN

Ø250

1. **Motor**
   Cage type capacitor structure external rotor motor
2. **Impeller**
   Black PA nylon one-time injection moulding
3. **Allowable environment temperature and humidity range:(under unconcretionary condition)**
   -40 ～+80 (temperature) 0% ～ 95% (humidity)
4. **Protection**
   Motor Internal with automatic recovery thermal protector
5. **Voltage endurance**
   AC 1,800V , 1 min at 0.5mA, 50/60 Hz
6. **Insulation Grade**
   design according to IEC61858 Grade F,
7. **Protection Grade**
   IP44

1.
2. PA
3. -40 ～+80 ( ) 0%～95% :))
4. :
5. AC 1800V <10mA 50/60Hz 1
6. IEC61858 F
7. IP 44

C2E-250.48D



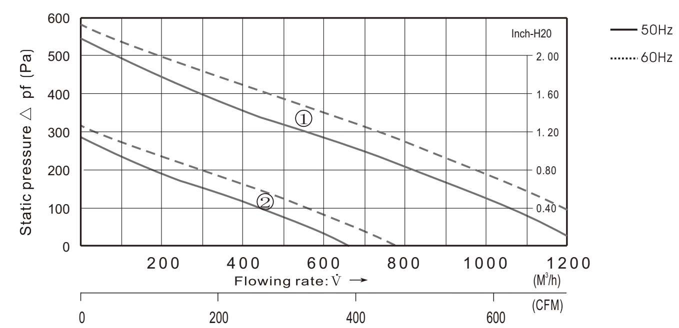
Installation distance between fan and inlet ring
风口安装距离

Inlet ring (accessary)
导风圈(附件)

Outline Dimensions (Units:mm)

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 2.7kg

Ⓐ
Ⓑ UL3266-18
Ⓒ 2.7kg

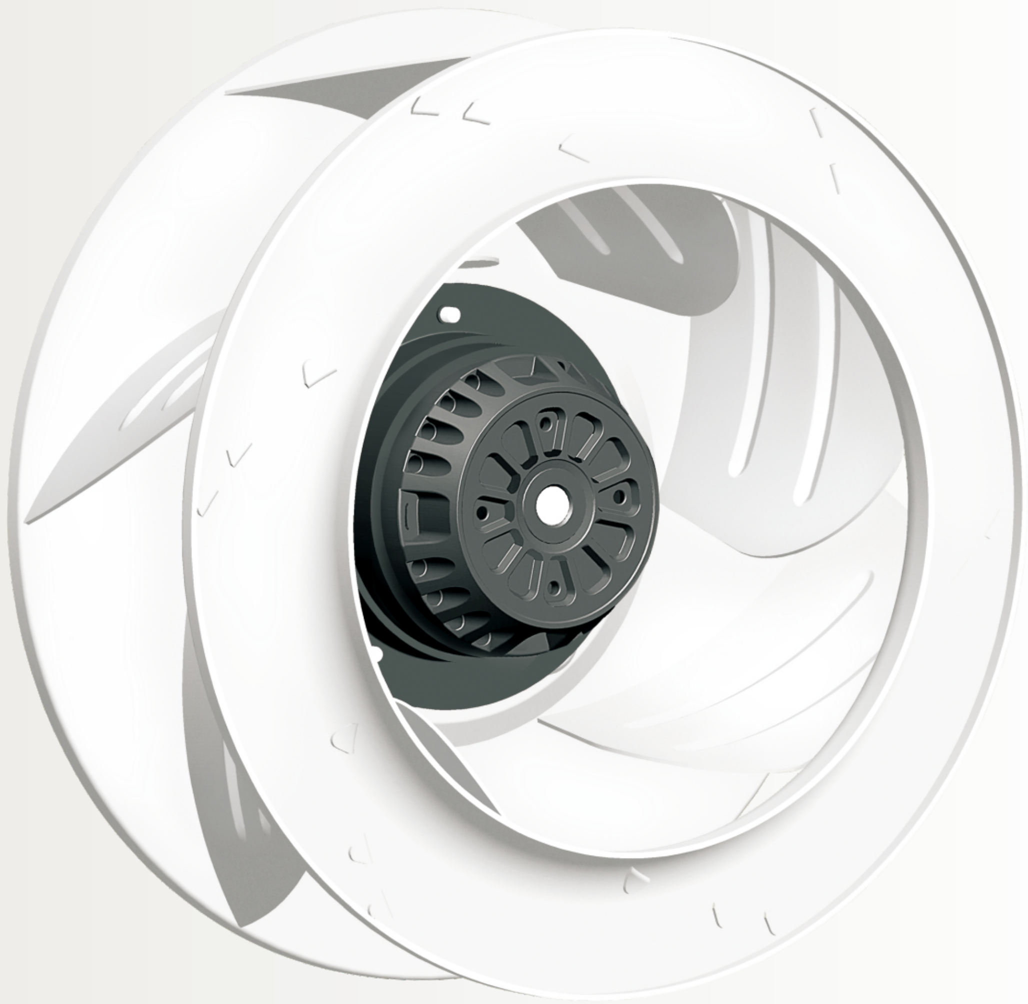


Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W)$^{+10\%}_{-20\%}$	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C2S-250.48D	M2S9203-AF	115	50	1.24	116	2650	738	1250	550	69	①	10.0/250
			60	1.35	150	2950	797	1350	580	71		
C2E-250.48D	M2E9203-AF	230	50	0.59	131	2650	738	1250	550	69		4.0/450
			60	0.76	173	2950	797	1350	580	71		
C2D-250.48D	M2D9203-AF	380	50	0.39	130	2650	738	1250	550	69		1.5/630
			60	0.46	172	2950	797	1350	580	71		
C4E-250.48D	M4E9203-AF	230	50	0.28	50	1390	387	656	280	52	②	1.5/450
			60	0.23	51	1650	459	778	310	61		

CENTRIFUGAL FAN

Ø315



❶ Motor
Cage type capacitor structure external rotor motor
❷ Impeller
Impact molding of aluminium alloy plate
❸ Allowable environment temperature and humidity range:(under unconcretionary condition)
-40 ~ +70 (temperature) 0% ~ 95% (humidity)
❹ Protection
Motor Internal with automatic recovery thermal protector
❺ Withstand Voltage
AC 1,800V ,1 min at 0.5mA, 50/60 Hz
❻ Insulation Grade
design according to IEC61858 Grade F,
❼ Protection Grade
IP44

❶

❷

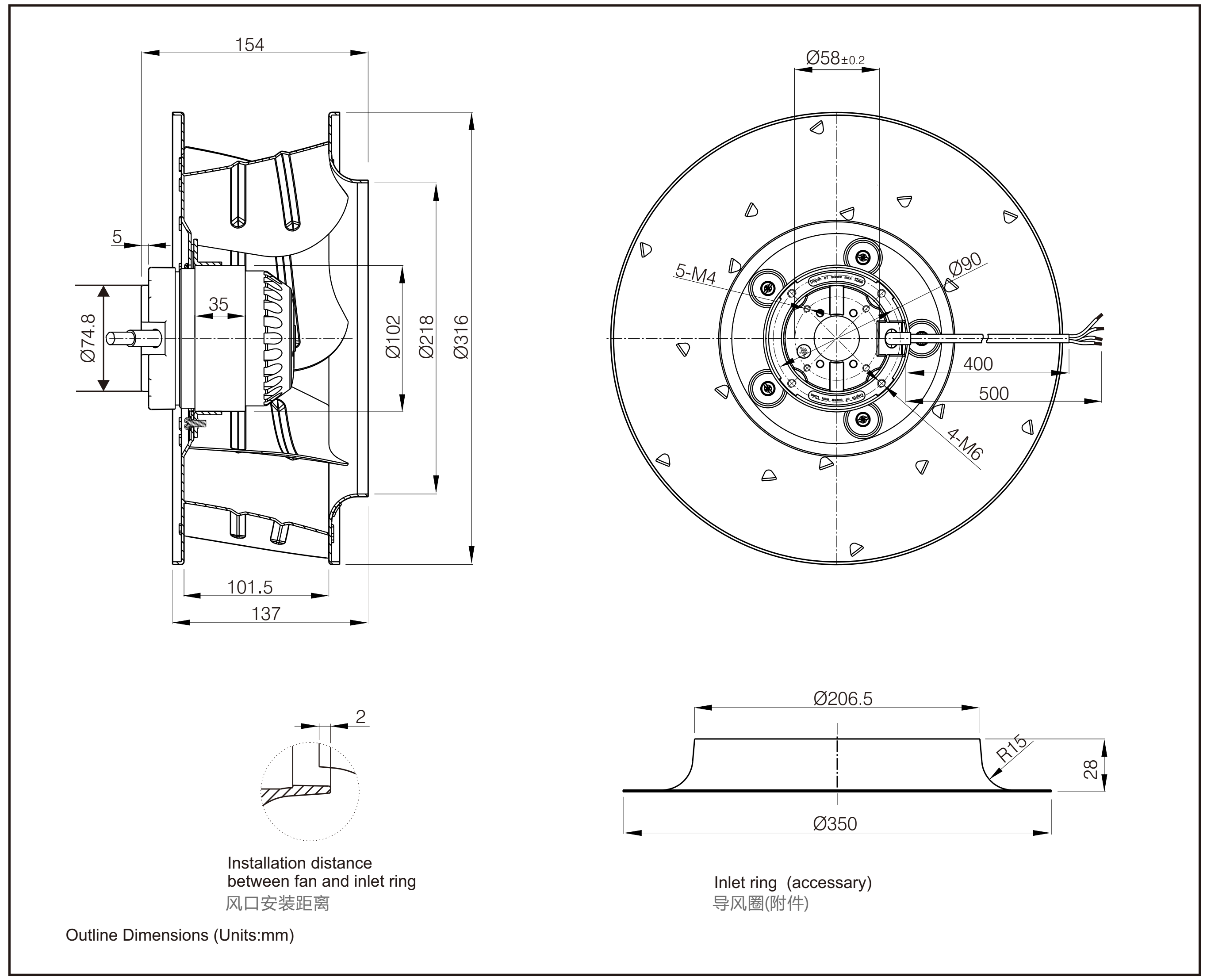
❸)
-40 ~ +70 ( ) 0% ~ 95%)
❹ :

❺ AC 1800V <10mA 50/60Hz 1

❻ IEC61858 F

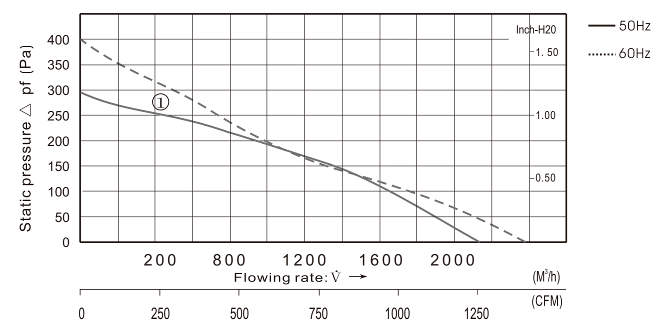
❼ IP 44

C4E-315.101



Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 3.8kg

Ⓐ
Ⓑ UL3266-18
Ⓒ 3. 8kg

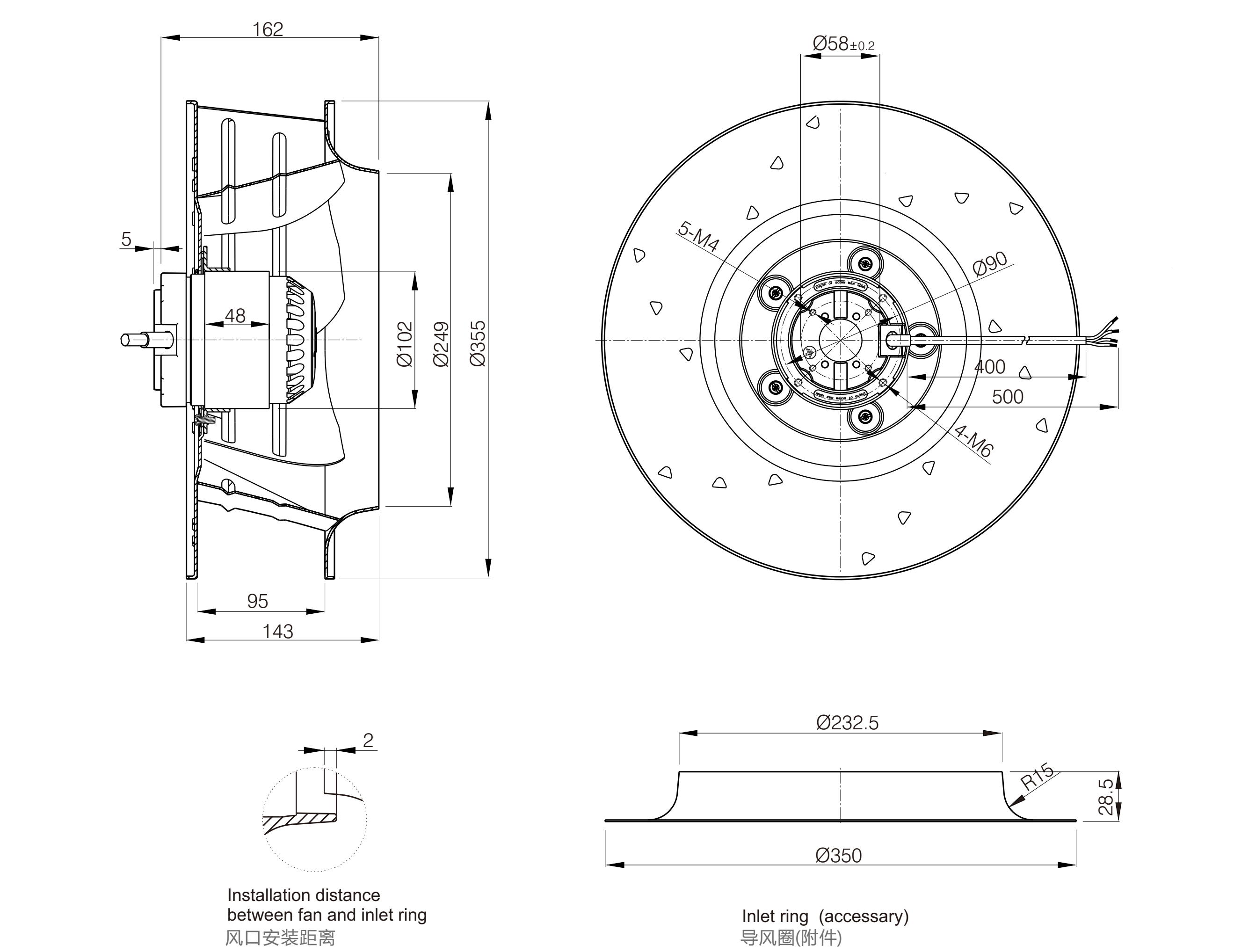


Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C4S-315.101	M4S10201-AF	115	50	1.16	120	1380	1256	2130	290	59	①	12.0/250
			60	1.45	165	1560	1404	2380	400	62		
C4E-315.101	M4E10201-AF	230	50	0.46	101	1380	1256	2130	290	59		3.0/450
			60	0.62	143	1500	1404	2380	400	62		
C4D-315.101	M4D10201-AF	380	50	0.40	128	1380	1256	2130	290	59		1.0/630
			60	0.47	170	1540	1404	2380	400	62		
C4ED-315.101	M4ED10201-AF	230/400	50	.62/.35	137/135	1360	1256	2130	290	59		-------
			60	.58/.32	167/170	1500	1404	2380	400	62		

CENTRIFUGAL FAN

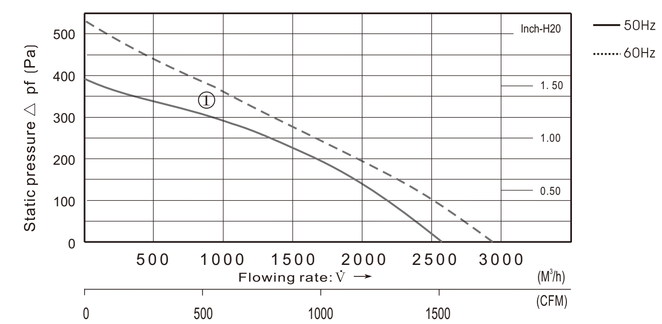
Ø355



Outline Dimensions (Units:mm)

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 4.7kg

Ⓐ
Ⓑ UL3266-18
Ⓒ 4.7kg

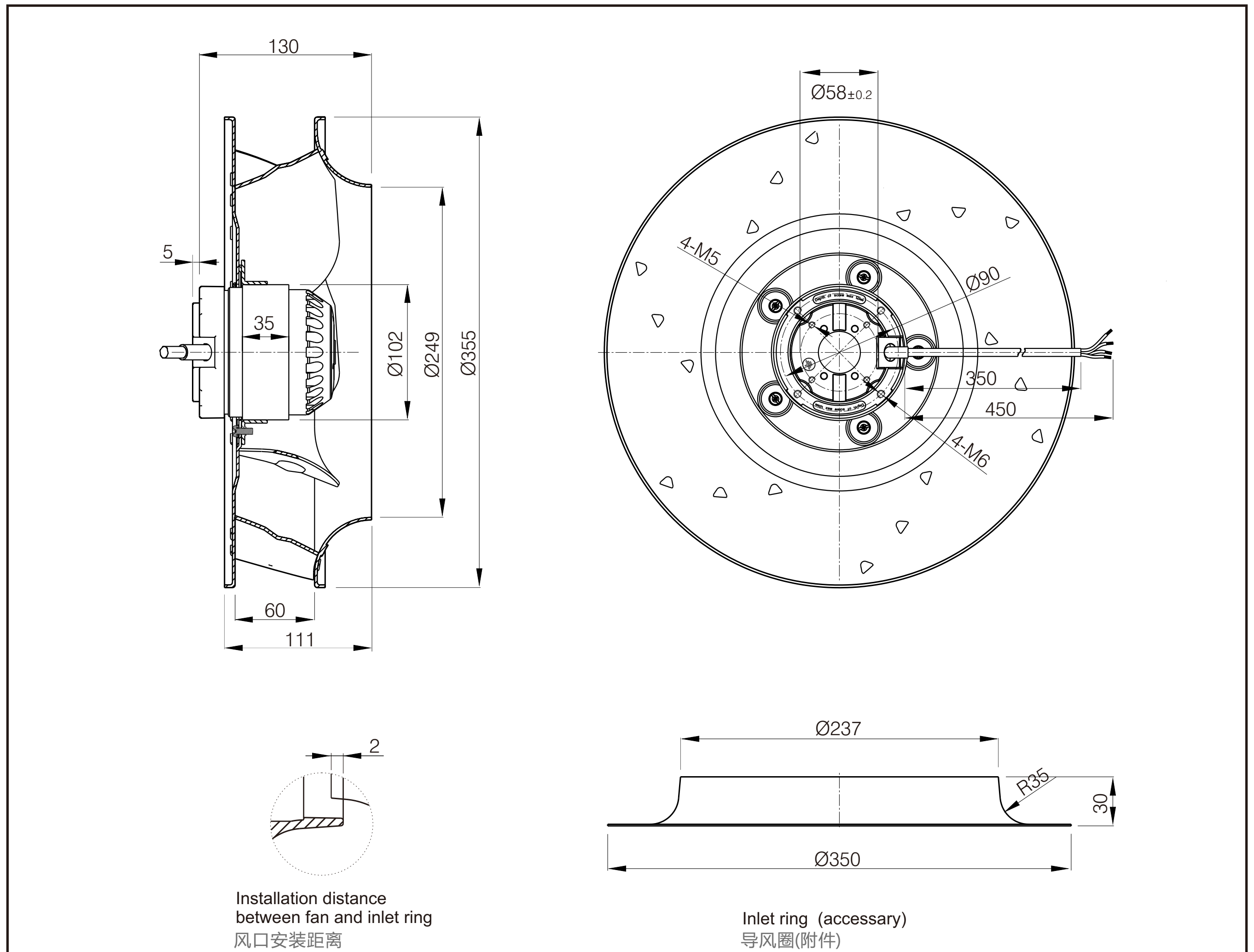


Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
C4S-355.95	M4S10202-AF	115	50	1.8	182	1380	1505	2550	390	66	①	20.0/250
			60	2.18	248	1550	1711	2900	530	69		
C4E-355.95	M4E10202-AF	230	50	0.78	170	1380	1505	2550	390	66		5.0/450
			60	1.00	230	1550	1711	2900	530	69		
C4ED-355.95	M4ED10202-AF	230/400	50	.79/.41	170/168	1380	1505	2550	390	66		-------
			60	.78/.40	230/232	1550	1711	2900	530	69		

1. **Motor**
   Cage type capacitor structure external rotor motor
2. **Impeller**
   Impact molding of aluminium alloy plate
3. **Allowable environment temperature and humidity range:(under unconcretionary condition)**
   -40℃ ~ +70℃ (temperature) 0% ~ 95% (humidity)
4. **Protection**
   Motor Internal with automatic recovery thermal protector
5. **Withstand Voltage**
   AC 1,800V , 1 min at 0.5mA, 50/60 Hz
6. **Insulation Grade**
   design according to IEC61858 Grade F,
7. **Protection Grade**
   IP44

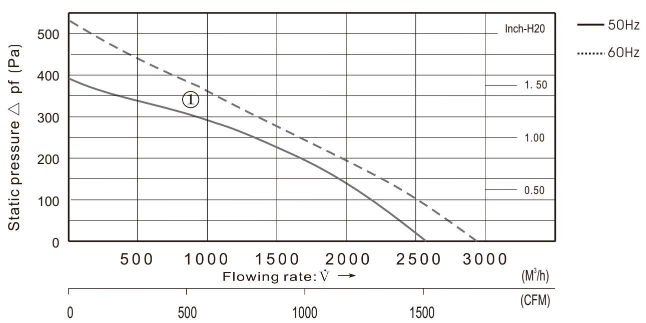
1.
2.
3.) -40 ~+70 ( ) 0%~95%)
4. :
5. AC 1800V <10mA 50/60Hz 1
6. IEC61858 F
7. IP 44



Outline Dimensions (Units:mm)

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3266-18 Lead wire
Ⓒ Unit weight: 4.7kg

Ⓐ 风扇旋向：从扇叶方向看为顺时针
Ⓑ 电源连接：UL3266-18 引线连接
Ⓒ 单机重量：4.7kg



Parameters

Type 产品型号	Motor 电机	Rated Voltage 额定电压 V	Frequency 周波数 Hz	current 电流 (A)	Power 功率 (W)+10% -20%	Speed 回转速度 (min-1)	Max Air Flow 最大风量 CFM	Max Air Flow 最大风量 m3/h	Static Pressure 最大静压 (Pa)	Noise 噪音 (dB)	Curve 曲线	Capacitor 电容 (μF)
C4E-355.60	M4E10201-AF	230	50	0.78	170	1380	1505	2550	390	66	①	5.0/450
			60	1.00	230	1550	1711	2900	530	69		

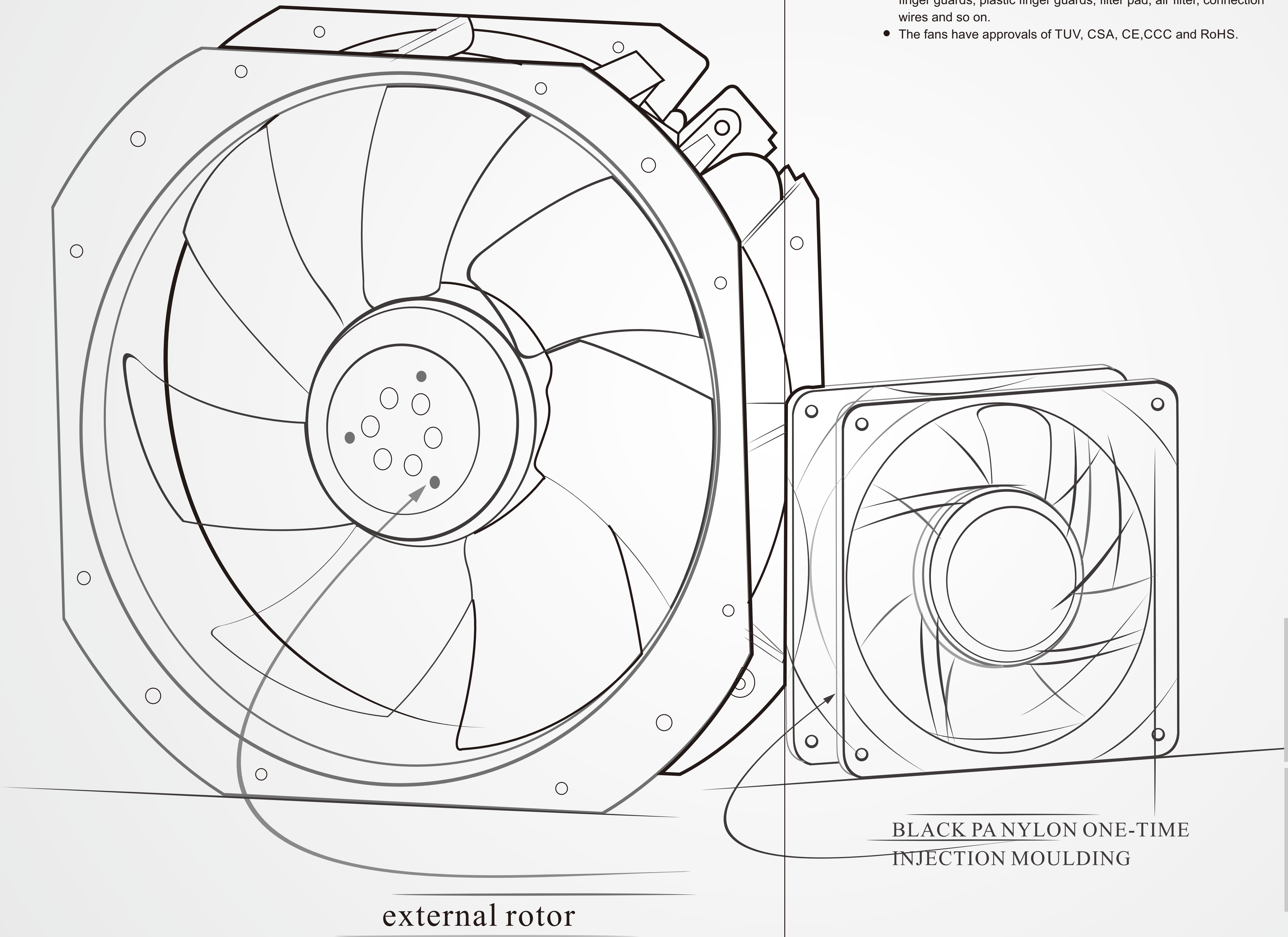
Total solution
总解决方案

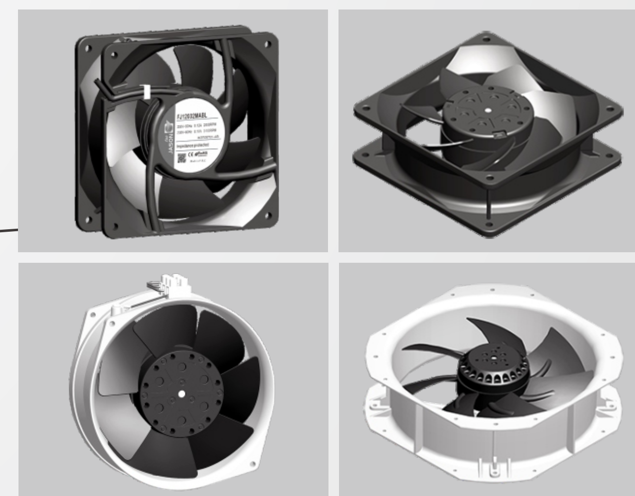
High Temperature Resistant Series

- Compact configuration can save much installation space.
- Flange frame ensures easy installation.
- Various kinds of design provides you choices for different voltages and speeds.
- Overload and locked rotor protection.
- Different speeds and airflow is available by circuit design modulation.
- IP55 grade fan is available.
- Wide choice for fan accessories: different sizes of metal finger guards, plastic finger guards, filter pad, air filter, connection wires and so on.
- The fans have approvals of TUV, CSA, CE,CCC and RoHS.

IP55

TUV, CSA, CE, CCC RoHS





Fan Manufacturer fan JASON CO.,LTD

COMMON MODELS DESCRIPTION

| F | J | | 2 | 2 | 0 | 8 | | 2 | | M | A | B | | T | S |

fan serial number

The fan frame size

220.Frame Size(mm)
8.Frame Thickness(cm)

Input Voltage

1.115V
2.230V
3.380V
4.400V

Suffix:Type of configuration

:

M.external rotor structure
A.aluminum alloy frame
B.ball bearing
S.Sleeve bearing

Other functions

TS.Multi-speed
IP. Protection level
V.Suck
A.Blow

References are based on the frame dimension, which helps you quickly select the best choice for your installation.

,

Example:

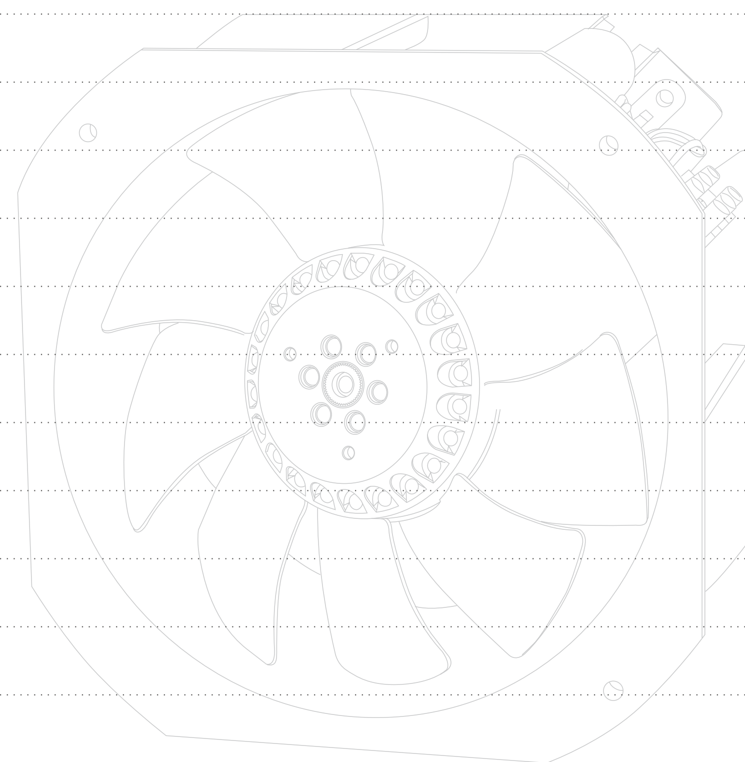
When your installation space is enough for dimension 280*280*80mm, please choose FJ2808

280X280X80mm, FJ2808

When you want to choose 220V, frame dimension 220*220*80mm, motor controlled by three rated speeds, please choose model FJ22082MABTS

220V 220X220X80mm,
FJ22082MABTS

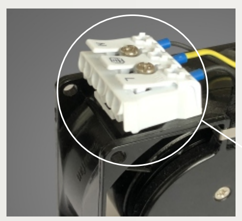
We can customize your unconventional products.



Total solution
总解决方案

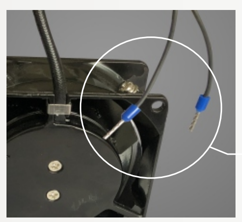
EXTERNAL ROTOR MOTOR FAN

80mm



❶ Connection mode

FJ8032ABD



❷ Connection mode

FJ8032AB

❶ **Frame**
Aluminum die-casting, surface is finished by anti-corrosion treatment with primary color or black electrophoresis anti-corrosion treatment

❷ **Impeller**
Metal impellers are welded to motor rotor, and surface is finished by black electrophoresis anti-corrosion treatment

❸ **Operation Temperature/Humidity**
Temperature -40℃ ~ +80℃ Humidity 0% ~ 95%

❹ **Protection**
Impedance protection

❺ **Withstand Voltage**
AC 1,800V , 1 min at 0.5mA, 50/60 Hz

❻ **Insulation System**
design according to IEC61858 Grade F,

❼ **Protection Grade** IP44

❶

❷

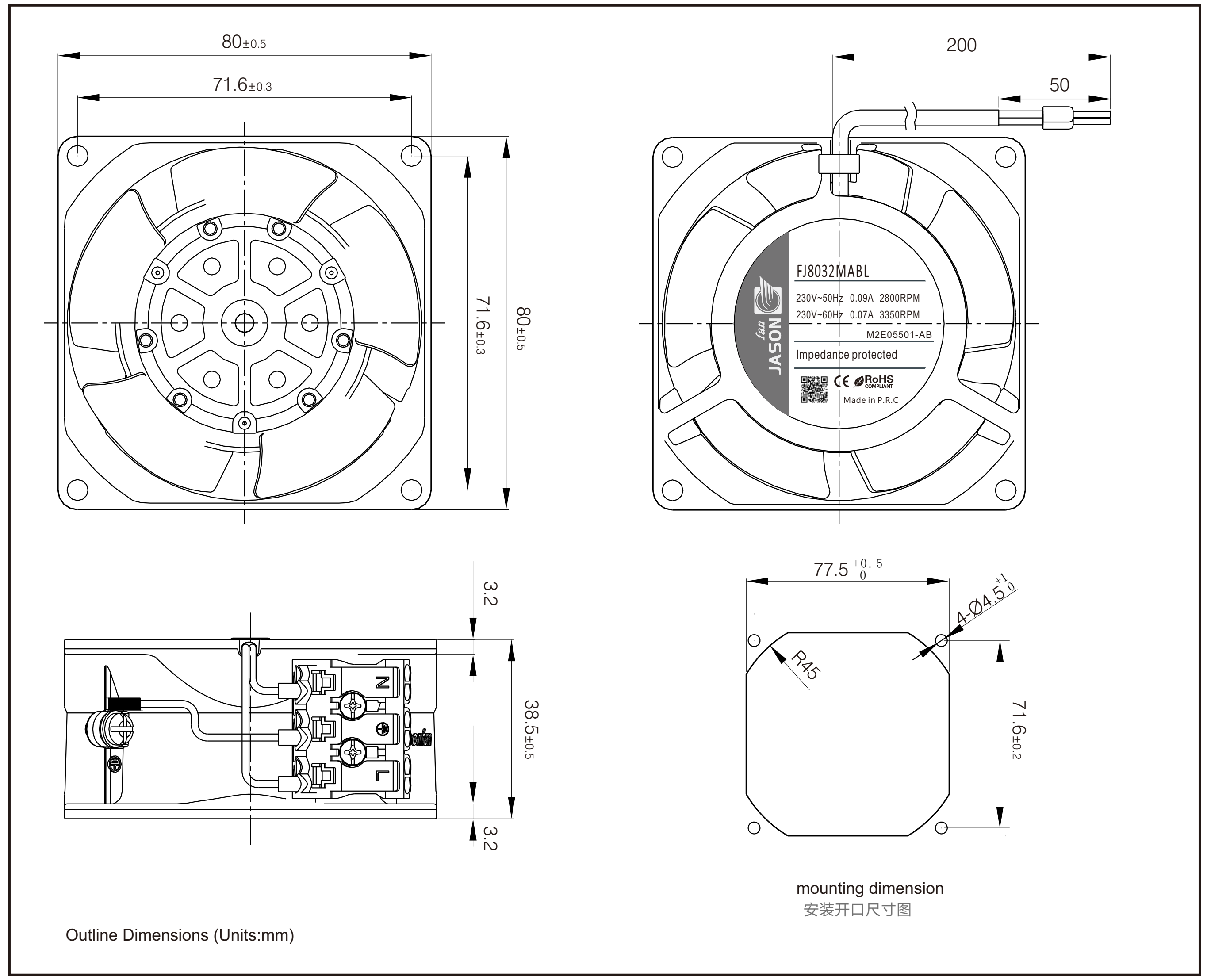
❸ /
-40 ~ +80 0% ~ 95%

❹ :

❺ AC 1800V 0. 5mA 50/60Hz 1

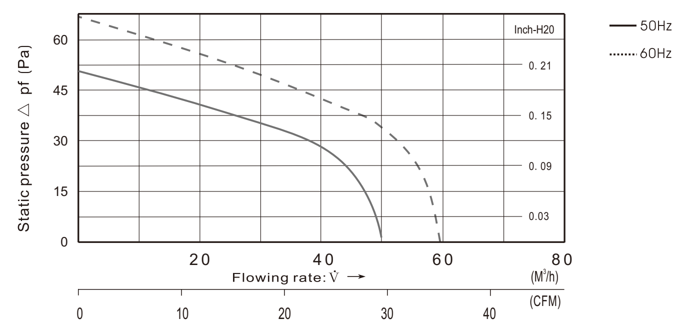
❻ IEC61858 F

❼ IP 44



Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3385-22 Lead wire
Ⓒ Unit weight: 377g

Ⓐ
Ⓑ UL3385-22
Ⓒ 377g



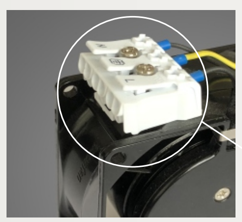
Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
FJ8031MAB	M2S05501-AB	115	50	0.17	12.6	2800	29	49	51	31	①	-----
			60	0.13	10	3350	35	59	68	35	②	
FJ8032MAB	M2E05501-AB	230	50	0.09	12	2800	29	49	51	31	①	
			60	0.07	10	3350	35	59	68	35	②	

EXTERNAL ROTOR MOTOR FAN

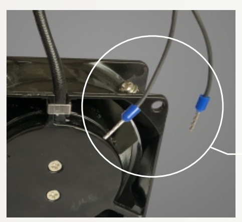
90mm

CE CCC



1 Connection mode

FJ9032ABD



2 Connection mode

FJ9032AB

1. **Frame**
   Aluminum die-casting, surface is finished by anti-corrosion treatment with primary color or black electrophoresis anti-corrosion treatment
2. **Impeller**
   Metal impellers are welded to motor rotor, and surface is finished by black electrophoresis anti-corrosion treatment
3. **Operation Temperature/Humidity**
   Temperature -40℃ ~ +80℃ Humidity 0% ~ 95%
4. **Protection**
   Impedance protection
5. **Withstand Voltage**
   AC 1,800V , 1 min at 0.5mA, 50/60 Hz
6. **Insulation System**
   design according to IEC61858 Grade F,
7. **Protection Grade** IP44

1

2

3 / -40 ~ +80 0% ~ 95%

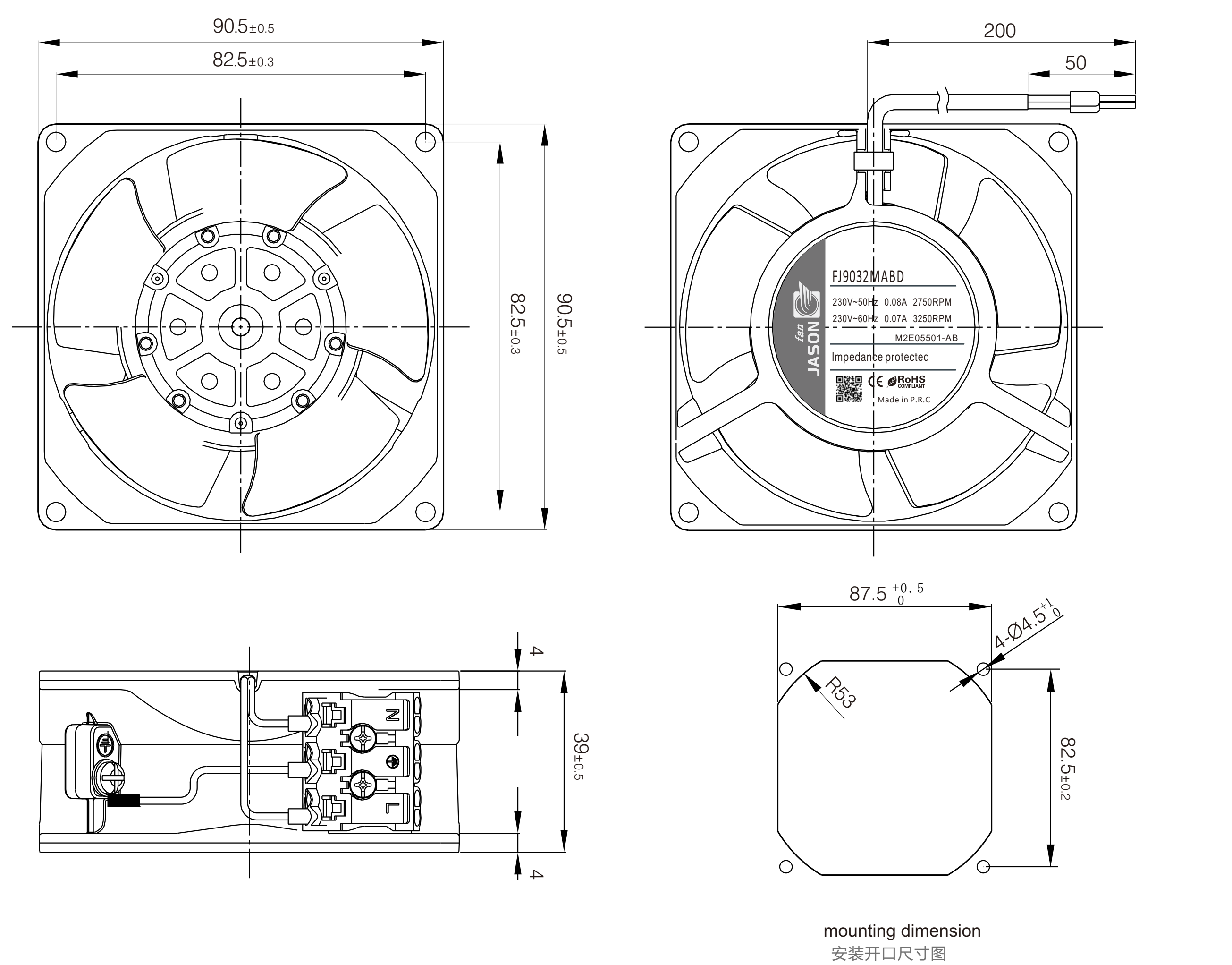
4 :

5 AC 1800V 0.5mA 50/60Hz 1

6 IEC61858 F

7 IP 44

FJ9032MABL

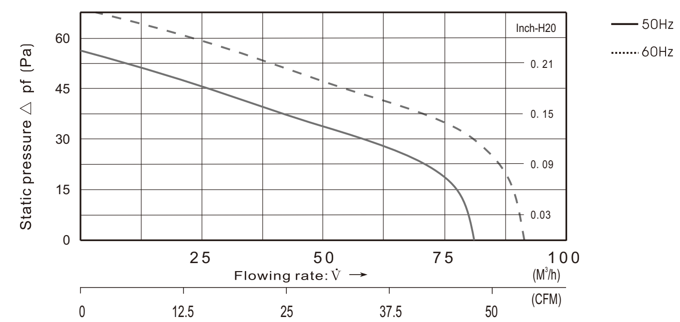


Outline Dimensions (Units:mm)

mounting dimension
安装开口尺寸图

Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3385-22 Lead wire
Ⓒ Unit weight: 393g

Ⓐ
Ⓑ UL3385-22
Ⓒ 393g



Parameters

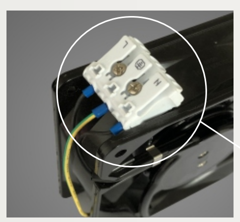
Type	Motor	Rated Voltage	Frequency	current	Power	Speed	Max Air Flow		Static Pressure	Noise	Curve	Capacitor
		V	Hz	(A)	(W) +10% -20%	(min-1)	CFM	m3/h	(Pa)	(dB)		(μF)
FJ9031MAB	M2S05501-AB	115	50	0.17	13	2750	48	81	56	34	①	-----
			60	0.14	11	3250	53	90	75	36	②	
FJ9032MAB	M2E05501-AB	230	50	0.08	13	2750	48	81	56	34	①	
			60	0.07	10	3250	53	90	75	36	②	

EXTERNAL ROTOR MOTOR FAN

120mm

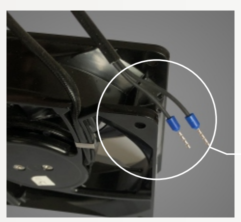
CE

FJ12032MABL



❶ Connection mode

FJ12032ABD



❷ Connection mode

FJ12032AB

❶ **Frame**
Aluminum die-casting, surface is finished by anti-corrosion treatment with primary color or black electrophoresis anti-corrosion treatment

❷ **Impeller**
Metal impellers are welded to motor rotor, and surface is finished by black electrophoresis anti-corrosion treatment

❸ **Operation Temperature/Humidity**
Temperature -40℃ ~ +80℃ Humidity 0% ~ 95%

❹ **Protection**
Impedance protection

❺ **Withstand Voltage**
AC 1,800V , 1 min at 0.5mA, 50/60 Hz

❻ **Insulation System**
design according to IEC61858 Grade F,

❼ **Protection Grade** IP44

❶

❷

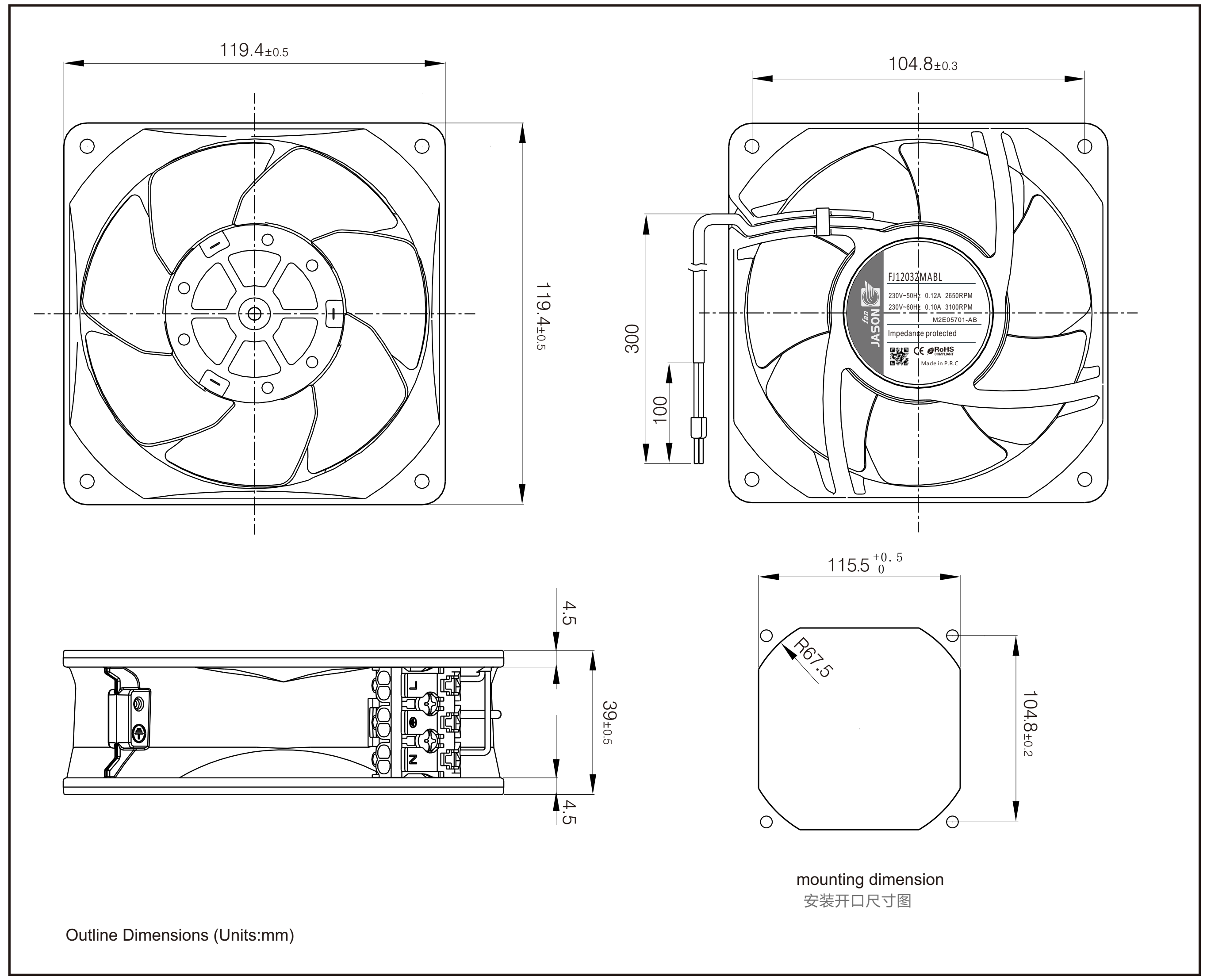
❸ / -40 ~ +80 0% ~ 95%

❹ :

❺ AC 1800V 0.5mA 50/60Hz 1

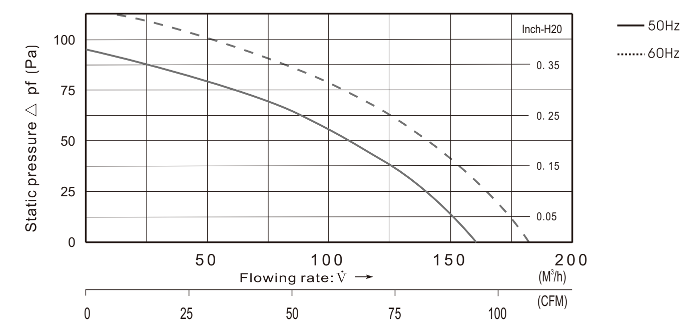
❻ IEC61858 F

❼ IP 44



Ⓐ Rotation direction of blades : CW seen from the front impellers
Ⓑ Power Connection: UL3385-22 Lead wire, (terminal conncetion)
Ⓒ Unit weight: 534g

Ⓐ
Ⓑ UL3385-22 ( )
Ⓒ 534g

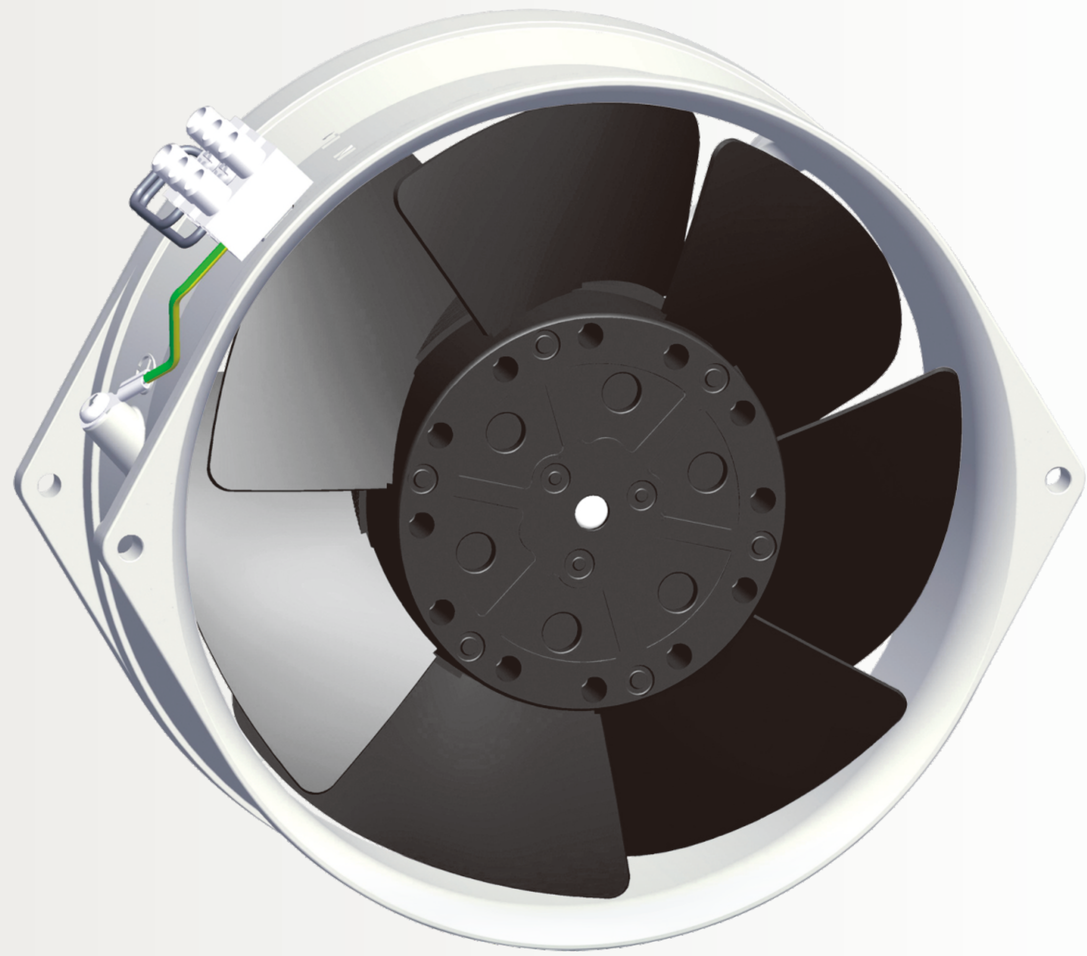


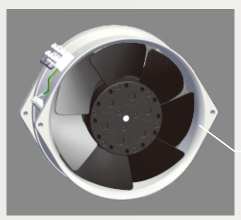
Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W) +10% -20%	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
FJ12031MAB	M2S05701-AB	115	50	0.27	19	2650	94	160	94	36	①	-----
			60	0.23	16	3100	106	180	130	38	②	
FJ12032MAB	M2E05701-AB	230	50	0.12	18	2650	94	160	94	36	①	
			60	0.10	16	3100	106	180	130	38	②	

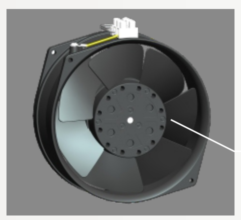
EXTERNAL ROTOR MOTOR FAN

160mm





❶ White Shell



❷ Black Shell

❶ **Frame**
Aluminum die-casting, surface is finished by anti-corrosion treatment with primary color or black electrophoresis anti-corrosion treatment

❷ **Impeller**
Metal impellers are welded to motor rotor, and surface is finished by black electrophoresis anti-corrosion treatment

❸ **Operation Temperature/Humidity**
Temperature -40℃ ~ +80℃ Humidity 0% ~ 95%

❹ **Protection**
Motor Internal with automatic recovery thermal protector

❺ **Withstand Voltage**
AC 1,800V , 1 min at 0.5mA, 50/60 Hz

❻ **Insulation System**
design according to IEC61858 Grade F,

❼ **Protection Grade** IP44

❶

❷

❸ /
-40 ~ +80 0% ~ 95%

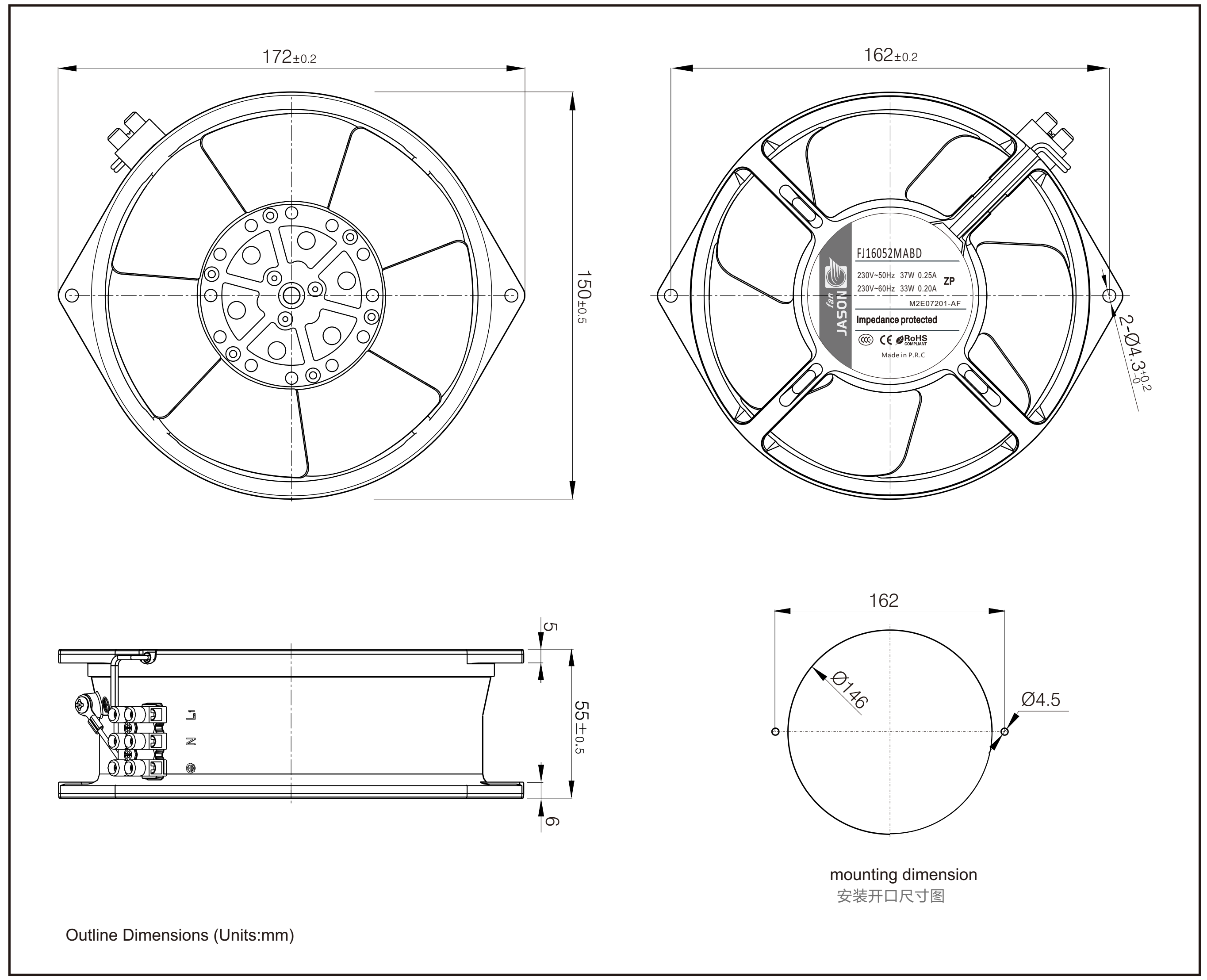
❹ :

❺ AC 1800V <10mA 50/60Hz 1

❻ IEC61858 F

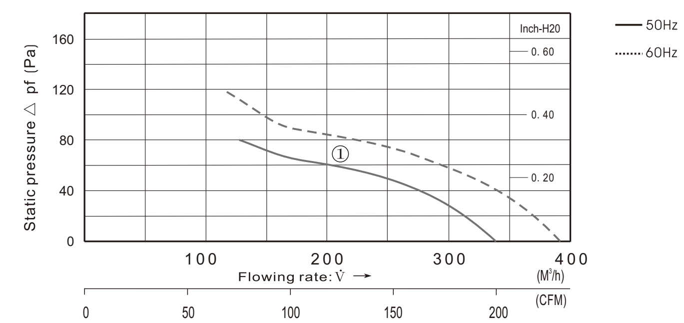
❼ IP 44

FJ16052MABD



Ⓐ Rotation direction of blades : CCW seen from the front impellers
Ⓑ Power Connection: PA-10 terminal connection
Ⓒ Unit weight: 1.1kg

Ⓐ
Ⓑ PA-10
Ⓒ 1.1kg

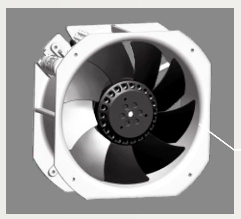


Parameters

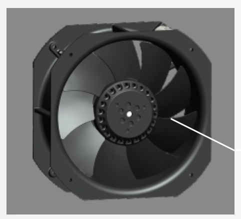
Type	Motor	Rated Voltage	Frequency	current	Power	Speed	Max Air Flow		Static Pressure	Noise	Curve	Capacitor
		V	Hz	(A)	(W)$^{+10\%}_{-20\%}$	(min-1)	CFM	m3/h	(Pa)	(dB)		(μF)
FJ16051MABD	M2S7201-AF	115	50	0.49	37	2650	189	320	80	49	①	-------
			60	0.41	34	3000	224	380	120	53		
FJ16052MABD	M2E7201-AF	230	50	0.25	37	2650	189	320	80	49		
			60	0.20	33	3000	224	380	120	53		
FJ16053MABD	M2D7201-AF	380	50	0.14	37	2650	189	320	80	49		
			60	0.12	34	3000	224	380	120	53		

EXTERNAL ROTOR MOTOR FAN

220mm



❶ White Shell



❷ Black Shell

❶ **Frame**
Aluminum die-casting, surface is finished by anti-corrosion treatment with primary color or black electrophoresis anti-corrosion treatment

❷ **Impeller**
Metal impellers are welded to motor rotor, and surface is finished by black electrophoresis anti-corrosion treatment

❸ **Operation Temperature/Humidity**
Temperature -40℃ ~ +80℃ Humidity 0% ~ 95%

❹ **Protection**
Motor Internal with automatic recovery thermal protector

❺ **Withstand Voltage**
AC 1,800V , 1 min at 0.5mA, 50/60 Hz

❻ **Insulation System**
design according to IEC61858 Grade F,

❼ **Protection Grade** IP44

❶

❷

❸ /
-40 ~ +80 0% ~ 95%

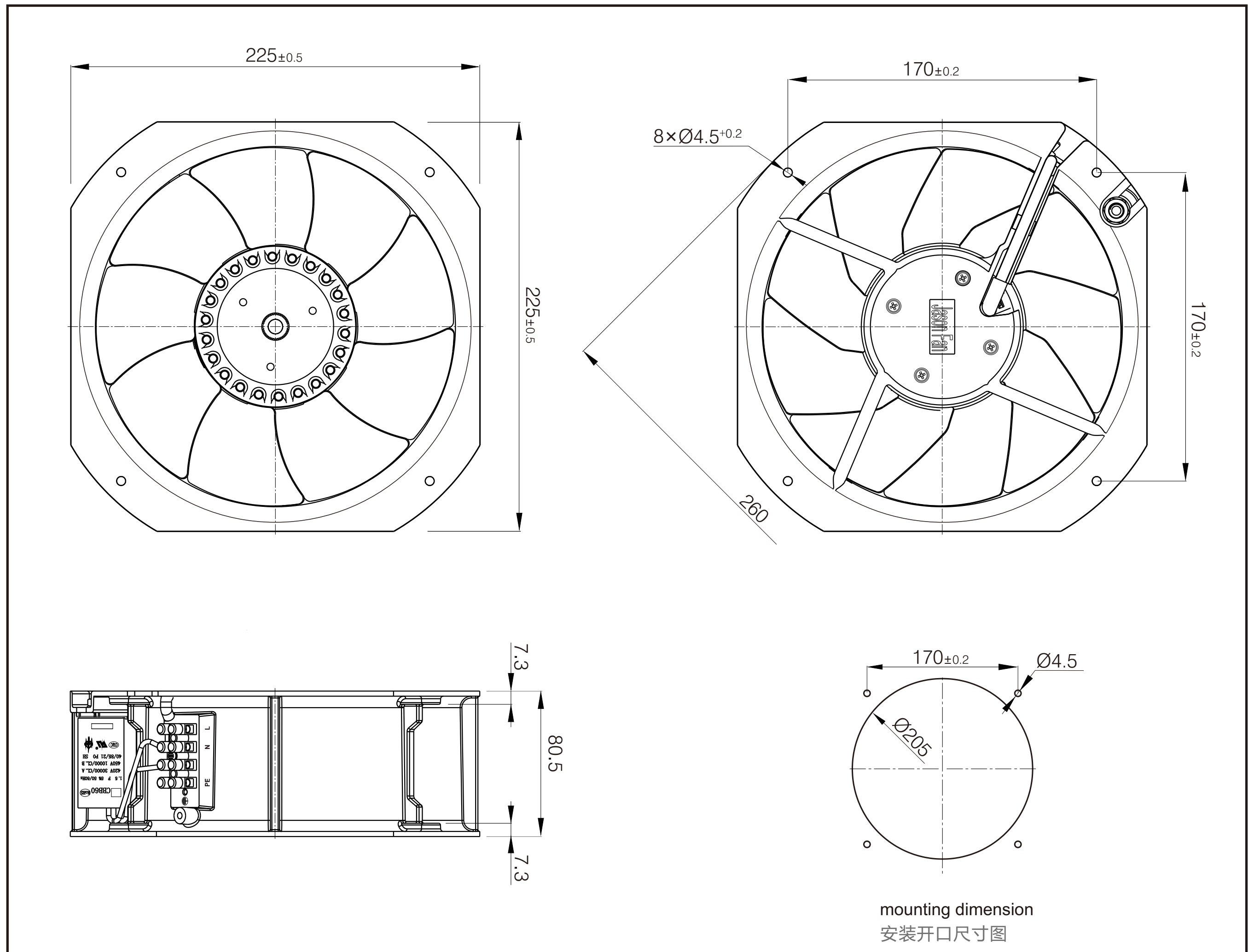
❹ :

❺ AC 1800V 0.5mA 50/60Hz 1

❻ IEC61858 F

❼ IP 44

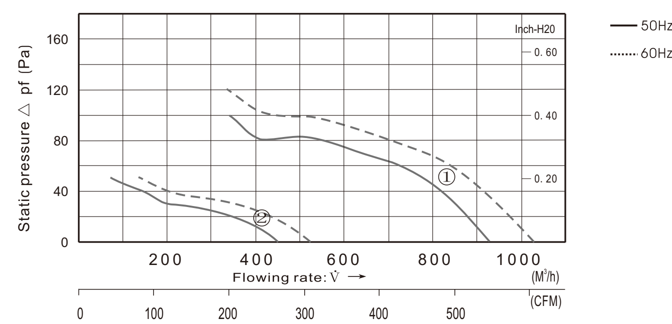
FJ22082MAB



Outline Dimensions (Units:mm)

Ⓐ Rotation direction of blades : CCW seen from the front impellers
Ⓑ Power Connection: PA-10 terminal connection
Ⓒ Unit weight: 2.2kg

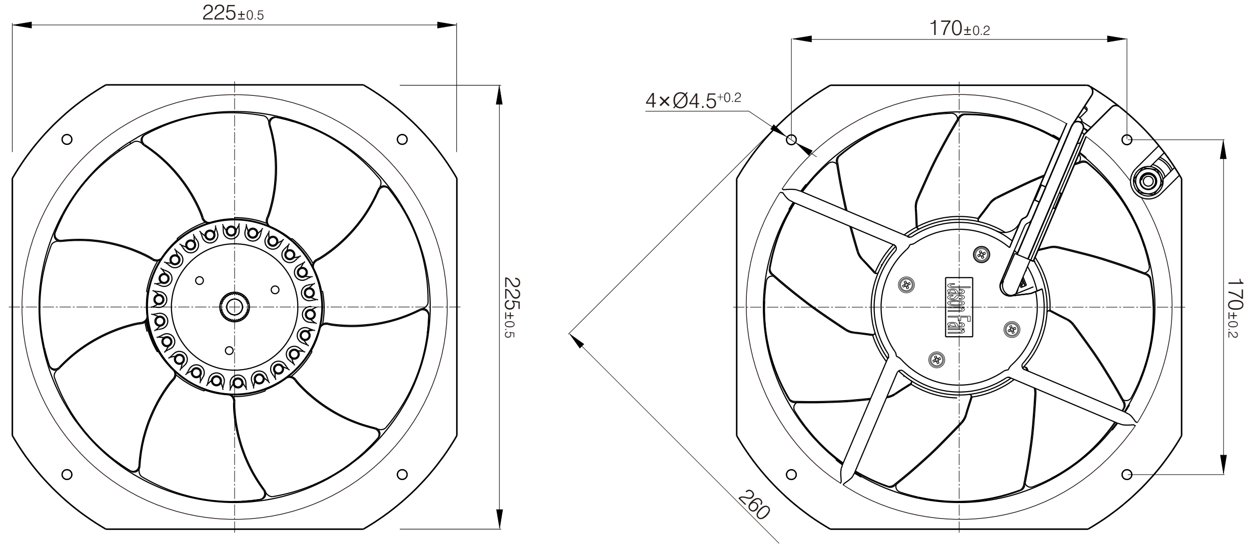
Ⓐ
Ⓑ PA-10
Ⓒ 2. 2kg

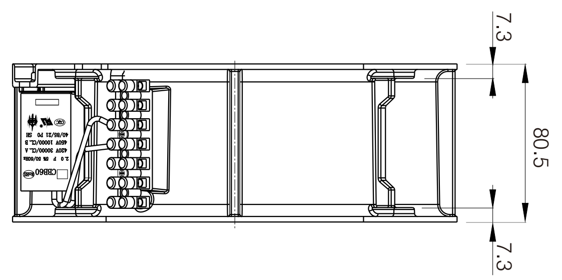


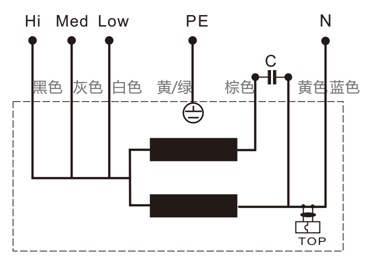
Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W)+10% -20%	Speed (min-1)	Max Air Flow CFM	m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
FJ22081MAB	M2S9201-AF	115	50	0.64	60	2550	546	925	100	59	①	4.0/250
			60	0.62	70	2750	596	1010	120	61		
FJ22082MAB	M2E9201-AF	230	50	0.30	65	2550	546	925	100	59		1.5/450
			60	0.34	75	2750	596	1010	120	61		
FJ22083MAB	M2D9201-AF	380	50	0.17	60	2550	546	925	100	59		0.5/630
			60	0.19	70	2750	596	1010	120	61		
FJ22082MAB-4E	M4E9201-AF	230	50	0.13	27	1350	254	430	50	40	②	0.68/450
			60	0.12	27	1600	313	530	50	44		

FJ22082MABTS





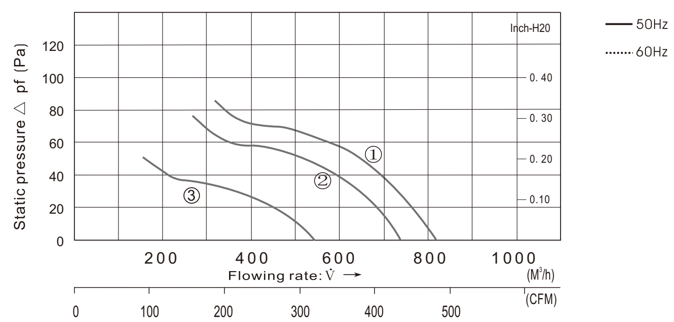


N = Main Power Wire 主电源线
Hi = High Speed Running 高速运行
Med = Medium Speed Running 中速运行
Low = Low Speed Running 低速运行
PE = Earth Wire 地线
C = Capacitor 电容器
TOP = Thermal Protector 热保护

Outline Dimensions (Units:mm)

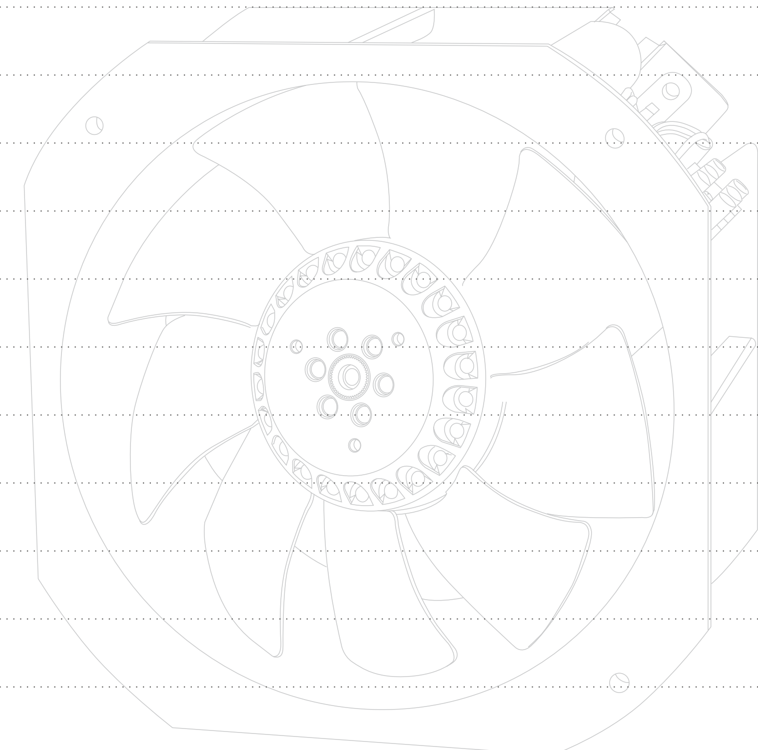
Ⓐ Rotation direction of blades : CCW seen from the front impellers
Ⓑ Power Connection: PA-10 terminal connection
Ⓒ Unit weight: 2.2kg

Ⓐ
Ⓑ PA-10
Ⓒ 2.2kg



Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W)10%/20%	Speed (min-1)	Max Air Flow CFM	m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
FJ22082MABTS	M2E9201-TS	230	50	0.20	43	2250	482	816	85	57	①	2.0/450
			50	0.19	38	2050	438	743	75	53	②	
			50	0.18	36	1500	321	544	50	49	③	

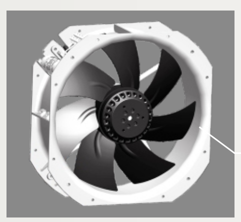


Total solution
总解决方案

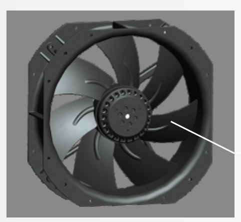
EXTERNAL ROTOR MOTOR FAN

280mm

CE CCC



❶ White Shell



❷ Black Shell

❶ **Frame**
Aluminum die-casting, surface is finished by anti-corrosion treatment with primary color or black electrophoresis anti-corrosion treatment

❷ **Impeller**
Metal impellers are welded to motor rotor, and surface is finished by black electrophoresis anti-corrosion treatment

❸ **Operation Temperature/Humidity**
Temperature -40℃ ~ +80℃ Humidity 0% ~ 95%

❹ **Protection**
Motor Internal with automatic recovery thermal protector

❺ **Withstand Voltage**
AC 1,800V , 1 min at 0.5mA, 50/60 Hz

❻ **Insulation System**
design according to IEC61858 Grade F,

❼ **Protection Grade** IP44

❶

❷

❸ /
-40 ~ +80 0% ~ 95%

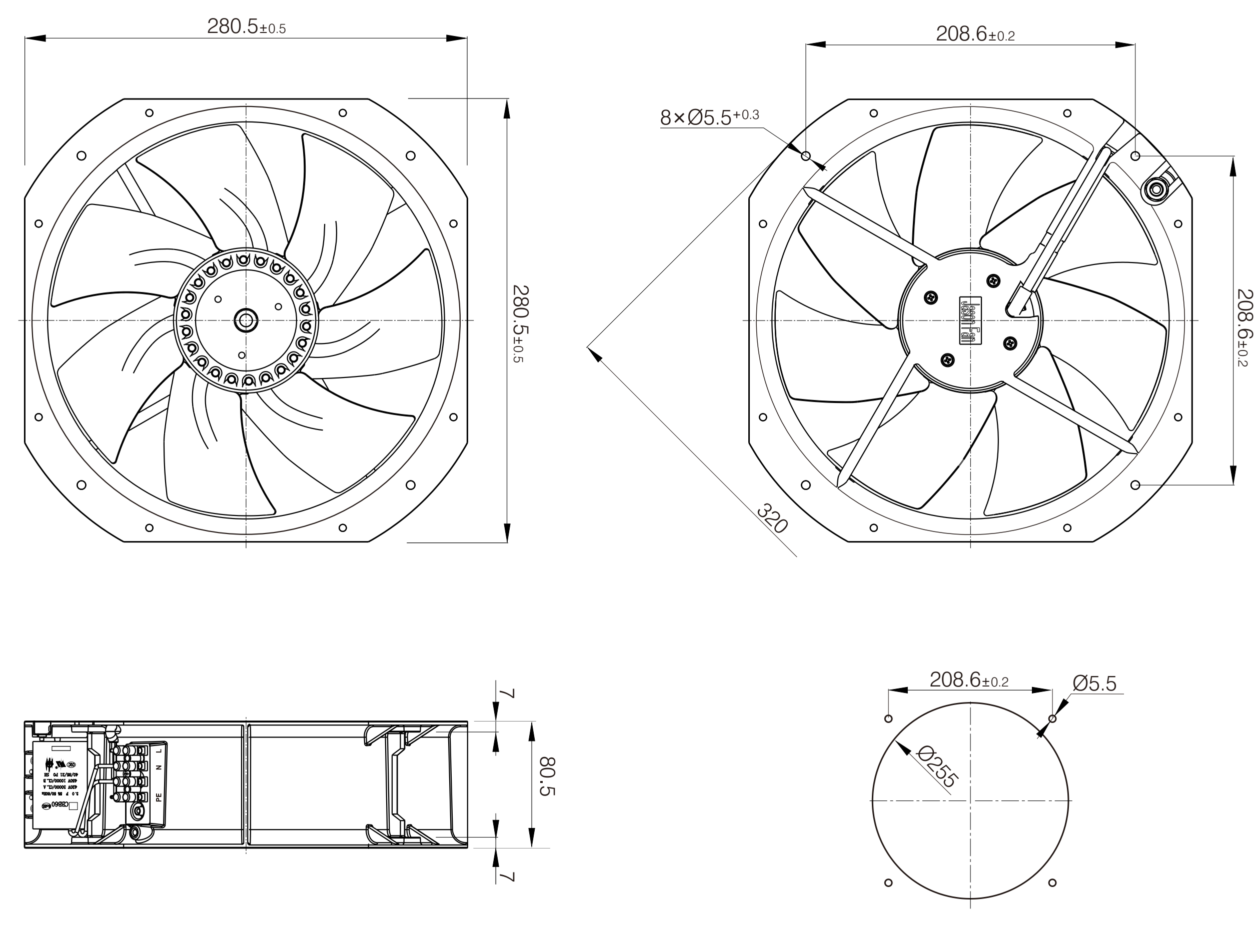
❹ :

❺ AC 1800V <10mA 50/60Hz 1

❻ IEC61858 F

❼ IP 44

FJ28082MAB

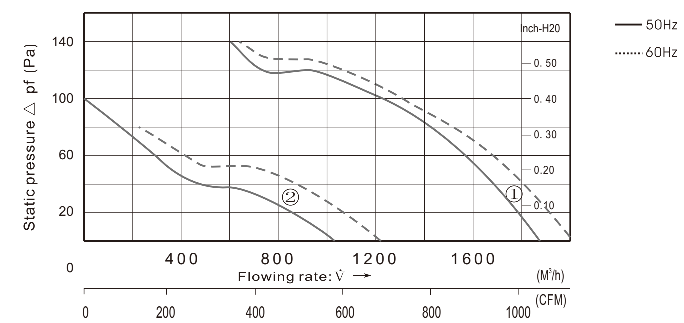


mounting dimension
安装开口尺寸图

Outline Dimensions (Units:mm)

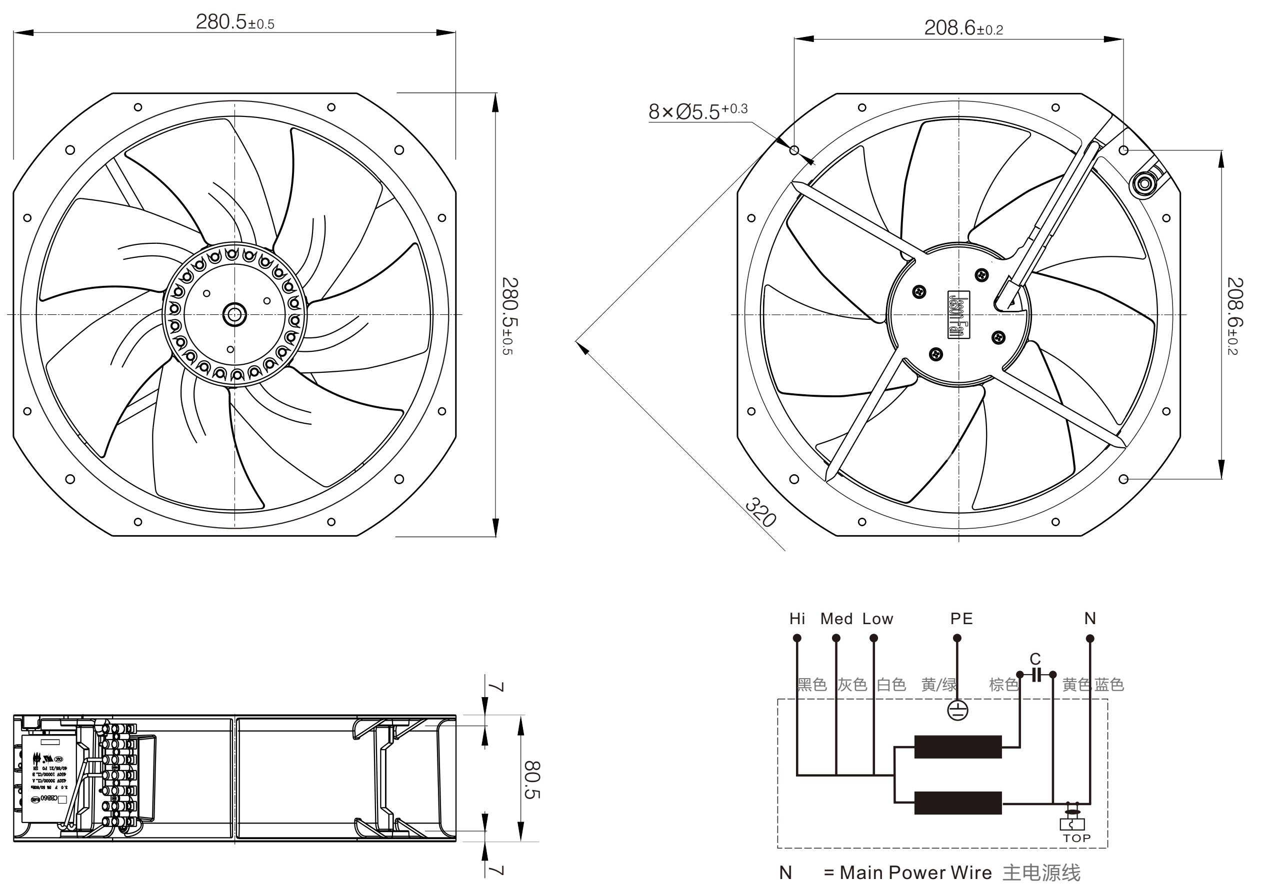
Ⓐ Rotation direction of blades : CCW seen from the front impellers
Ⓑ Power Connection: PA-10 terminal connection
Ⓒ Unit weight: 2.8kg

Ⓐ
Ⓑ PA-10
Ⓒ 2.8kg



Parameters

Type	Motor	Rated Voltage	Frequency	current	Power	Speed	Max Air Flow		Static Pressure	Noise	Curve	Capacitor
		V	Hz	(A)	(W)+10% -20%	(min-1)	CFM	m3/h	(Pa)	(dB)		(μF)
FJ28081MAB	M2S9202-AF	115	50	1.06	110	2550	1097	1860	140	69	①	8.0/250
			60	1.24	140	2800	1204	2040	140	70		
FJ28082MAB	M2E9202-AF	230	50	0.49	107	2550	1097	1860	140	69		3.0/450
			60	0.58	134	2800	1204	2040	140	70		
FJ28083MAB	M2D9202-AF	380	50	0.29	110	2550	1097	1860	140	69		1.0/630
			60	0.39	150	2800	1204	2040	140	70		
FJ28082MAB-4E	M4E9202-AF	230	50	0.24	50	1400	596	1010	80	54	②	1.5/450
			60	0.25	57	1650	714	1210	100	58		

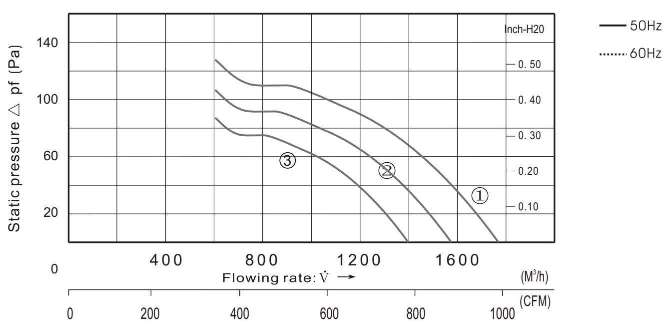


N = Main Power Wire 主电源线
Hi = High Speed Running 高速运行
Med = Medium Speed Running 中速运行
Low = Low Speed Running 低速运行
PE = Earth Wire 地线
C = Capacitor 电容器
TOP = Thermal Protector 热保护

Outline Dimensions (Units:mm)

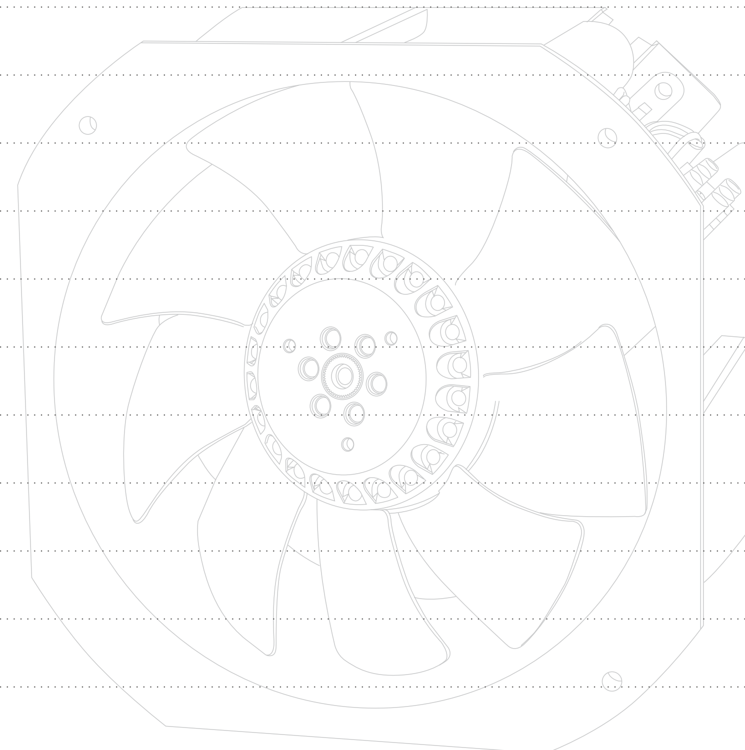
Ⓐ Rotation direction of blades : CCW seen from the front impellers
Ⓑ Power Connection: PA-10 terminal connection
Ⓒ Unit weight: 2.8kg

Ⓐ
Ⓑ PA-10
Ⓒ 2.8kg



Parameters

Type	Motor	Rated Voltage V	Frequency Hz	current (A)	Power (W)$^{+10\%}_{-20\%}$	Speed (min-1)	Max Air Flow CFM	Max Air Flow m3/h	Static Pressure (Pa)	Noise (dB)	Curve	Capacitor (μF)
FJ28082MABTS	M2E9202-TS	230	50	0.43	105	2440	1050	1780	130	65	①	3.0/450
			50	0.42	97	2170	932	1580	110	63	②	
			50	0.41	92	1790	767	1300	90	61	③	



Total solution
总解决方案