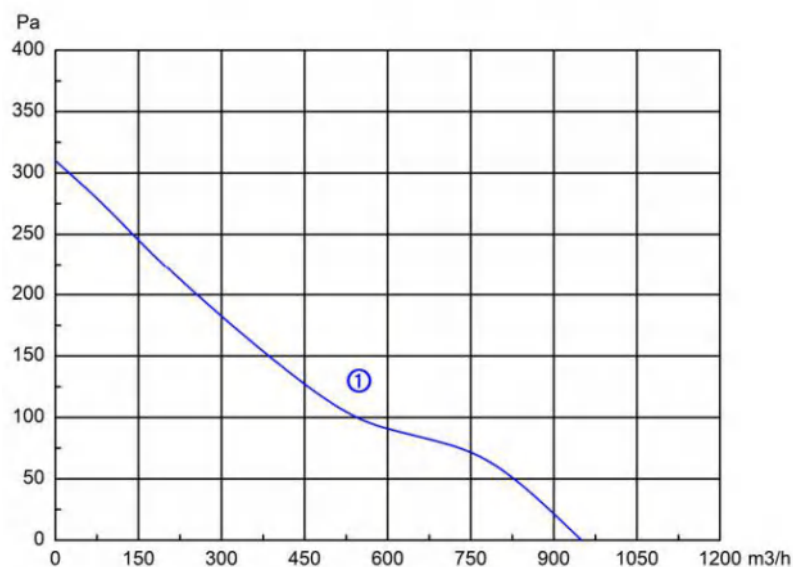




Motor Type : BLEC Motor
Impeller Material : Sheet Steel
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

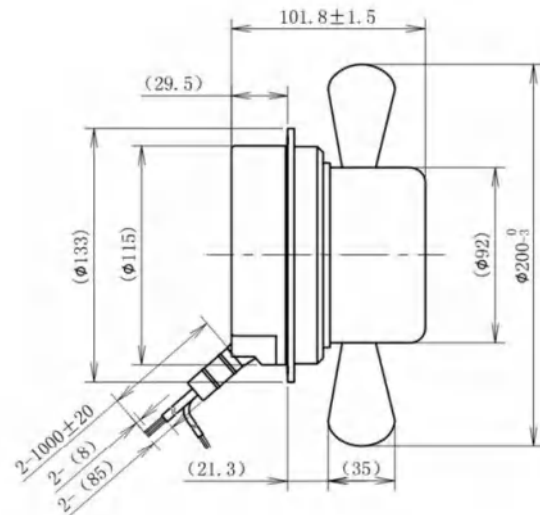
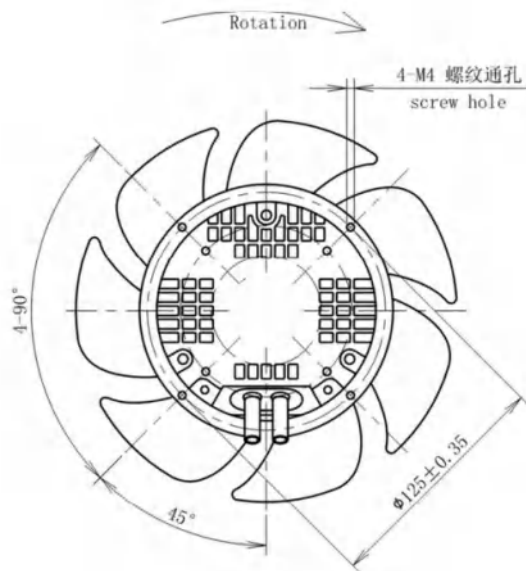
Bearing Type : Ball Bearing
Technical Feature :
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE200S-7B-01	Ball	220V	0.4	55	3000	950	310	60	Suction	without grill
LWAE200T-7B-02	Ball	220V	0.4	55	3000	950	310	60	Blowing	without grill
LWAE200S-7GB-03	Ball	220V	0.4	55	3000	950	310	60	Suction	with cover grill
LWAE200T-7GB-04	Ball	220V	0.4	55	3000	950	310	60	Blowing	with cover grill
LWAE200S-7PB-05	Ball	220V	0.4	55	3000	950	310	60	Suction	with wind guide panel
LWAE200T-7PB-06	Ball	220V	0.4	55	3000	950	310	60	Blowing	with wind guide panel

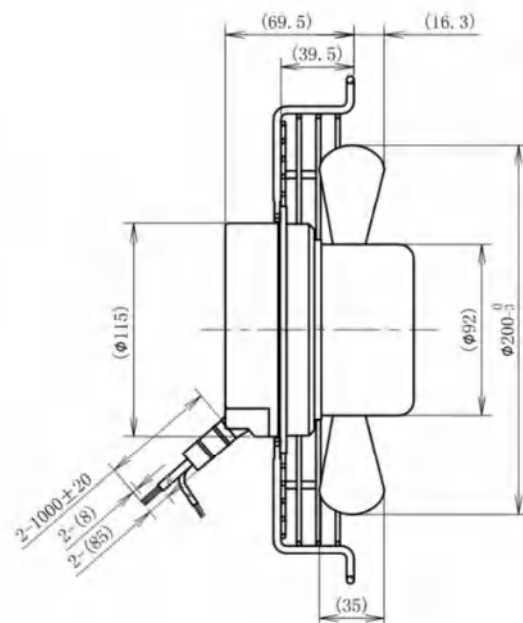
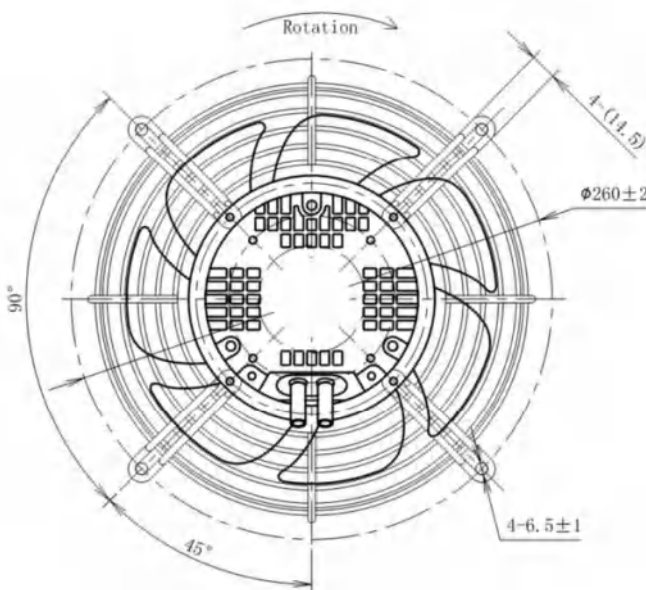
■ Technical Drawing

LWAE200S-7B-01 & LWAE200S-7B-02



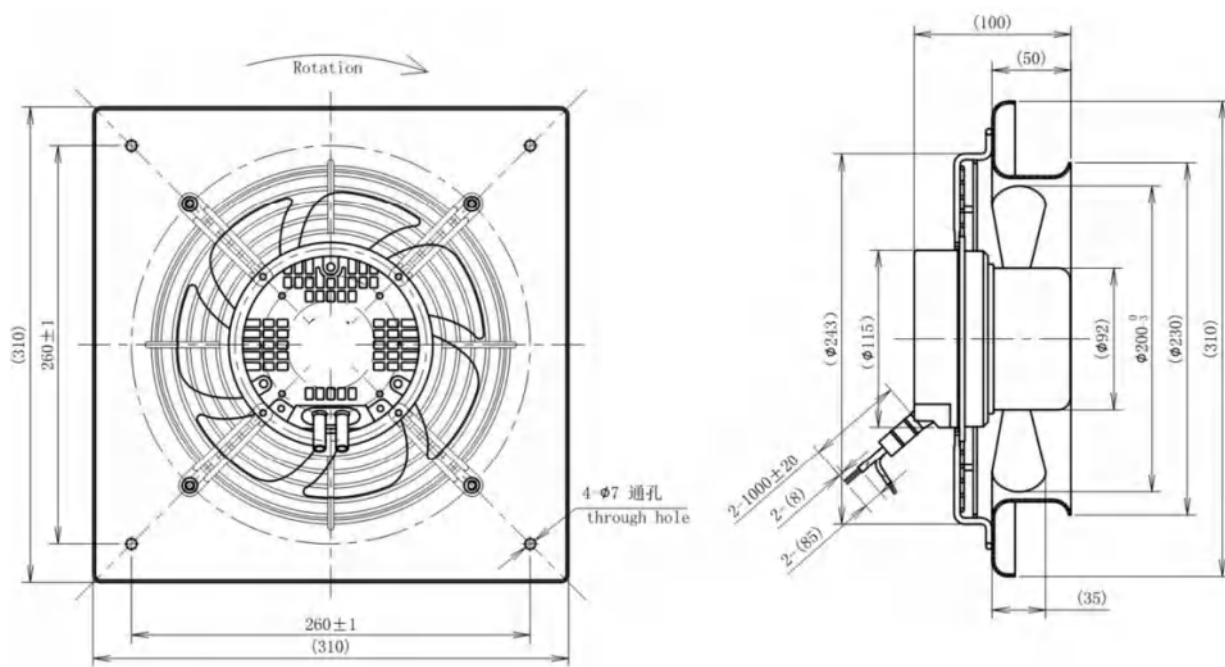
■ Technical Drawing

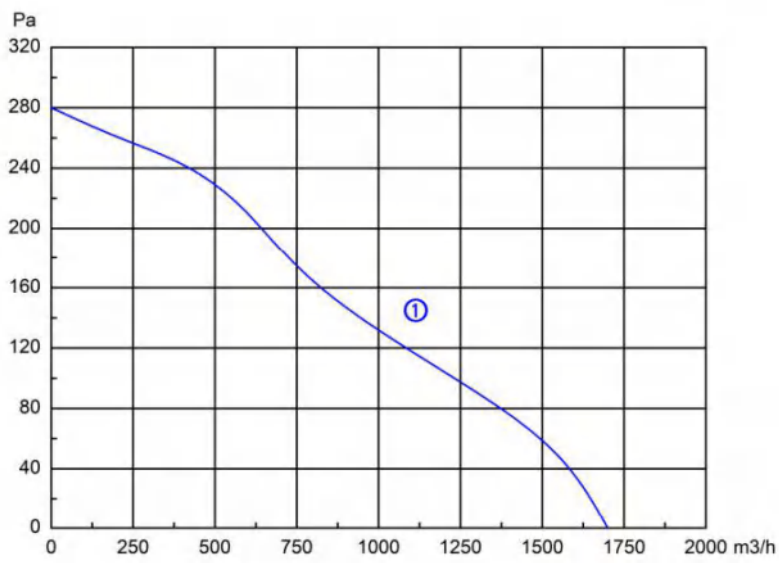
LWAE200S-7GB-03 & LWAE200S-7GB-04



■ Technical Drawing

LWAE200S-7PB-05 & LWAE200S-7PB-06





Motor Type : BLEC Motor
Impeller Material : Sheet Steel
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

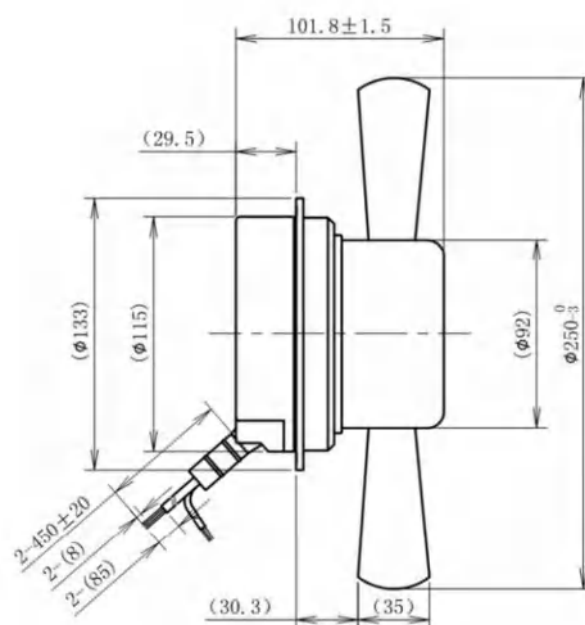
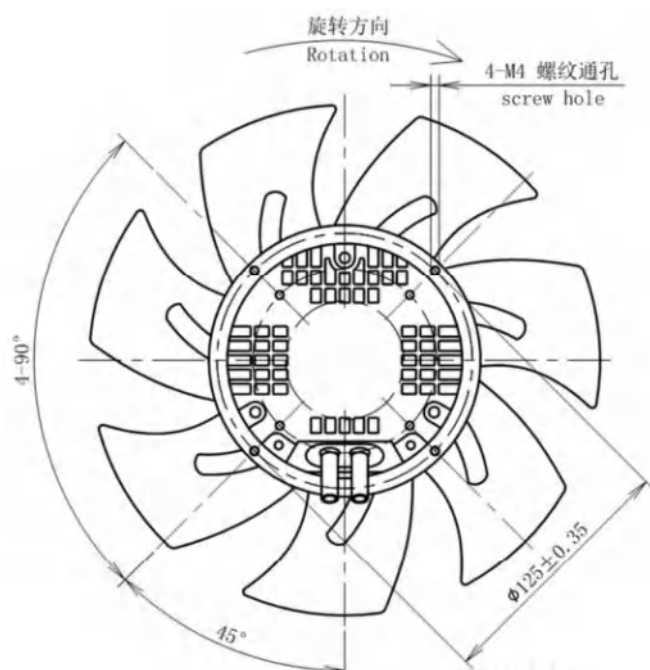
Bearing Type : Ball Bearing
Technical Feature :
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE250S-7B-01	Ball	220V	0.9	135	3150	1700	280	69	Suction	without grill
LWAE250T-7B-02	Ball	220V	0.9	135	3150	1700	280	69	Blowing	without grill
LWAE250S-7GB-03	Ball	220V	0.9	135	3150	1700	280	69	Suction	with cover grill
LWAE250T-7GB-04	Ball	220V	0.9	135	3150	1700	280	69	Blowing	with cover grill
LWAE250S-7PB-05	Ball	220V	0.9	135	3150	1700	280	69	Suction	with wind guide panel
LWAE250T-5PB-06	Ball	220V	0.9	135	3150	1700	280	69	Blowing	with wind guide panel

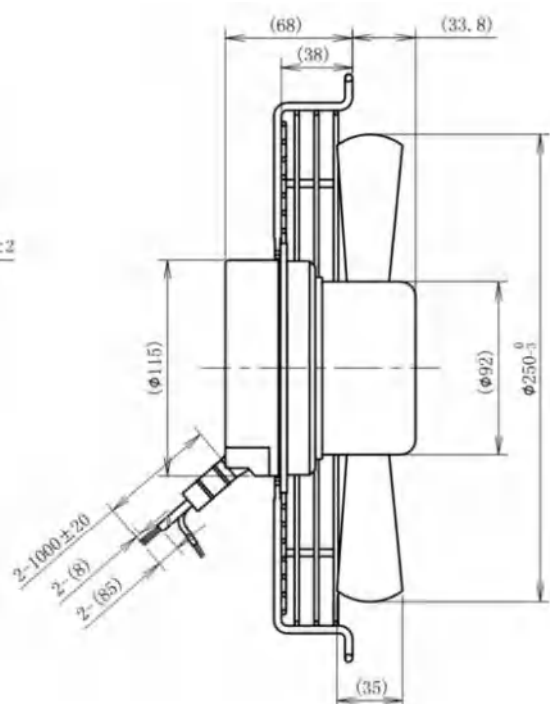
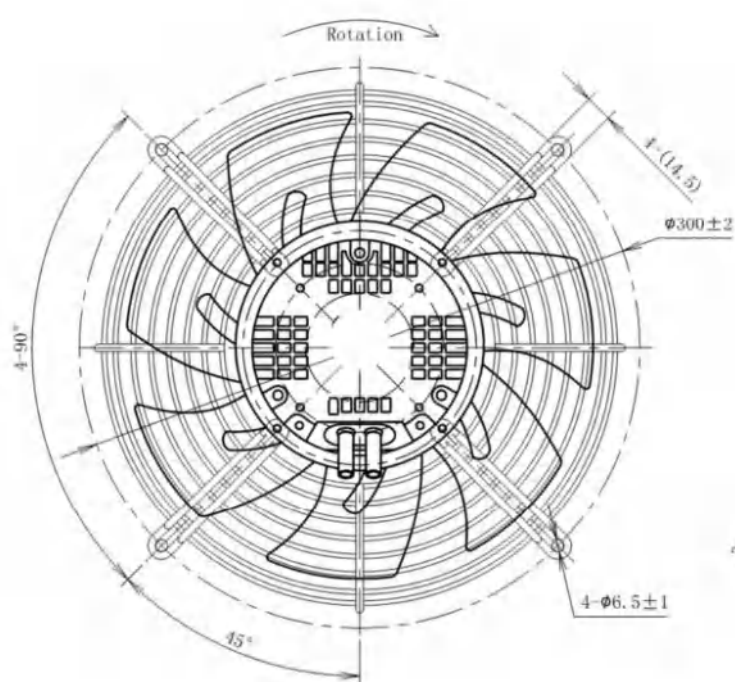
■ Technical Drawing

LWAE250S-7B-01 & LWAE250S-7B-02



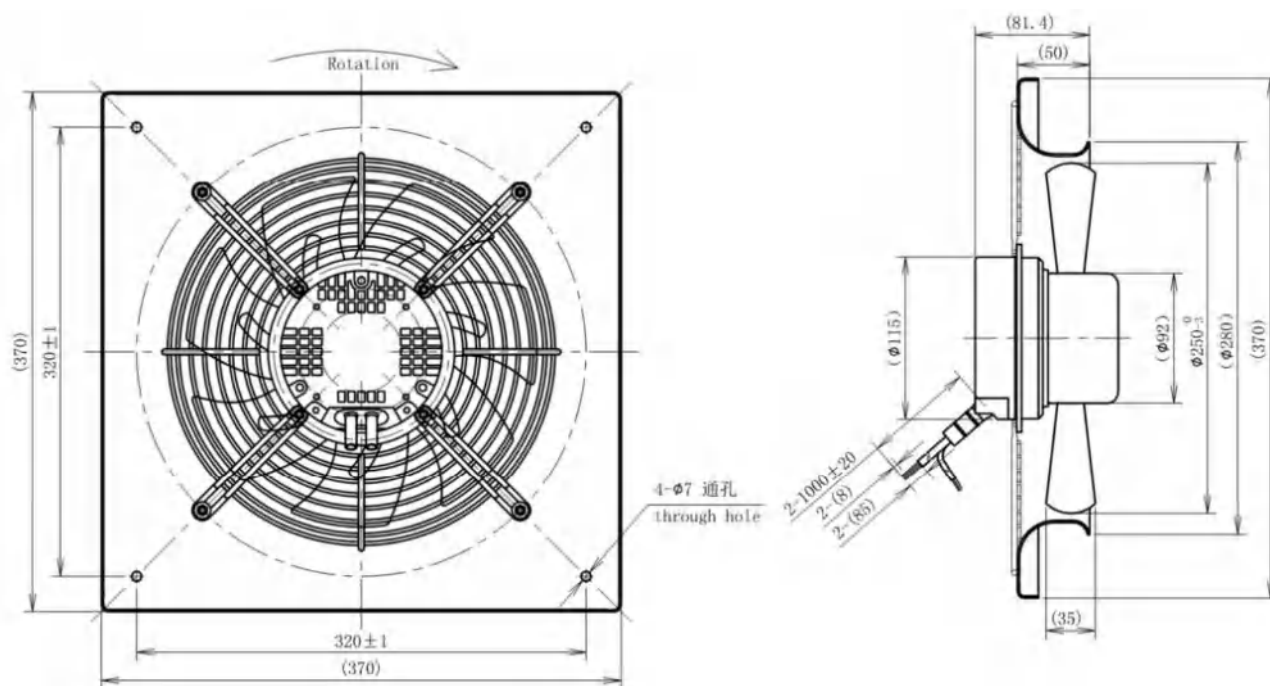
■ Technical Drawing

LWAE250S-7GB-03 & LWAE250S-7GB-04



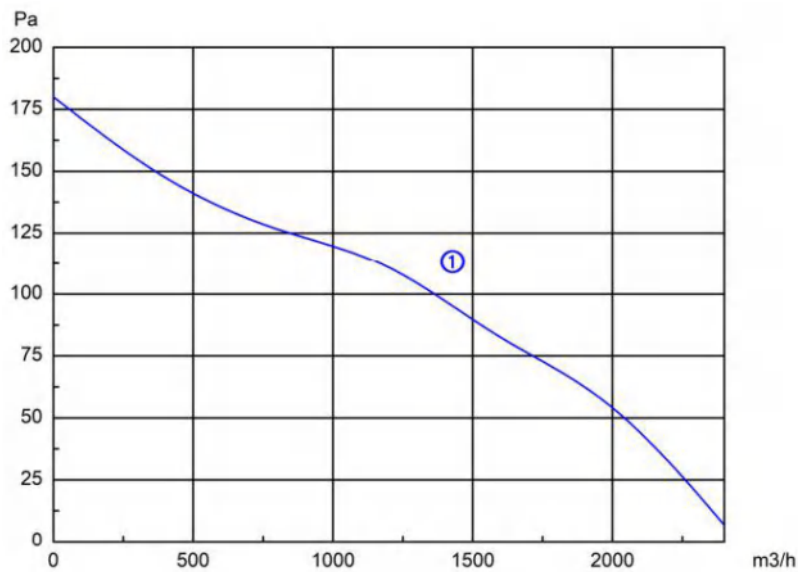
■ Technical Drawing

LWAE250S-7PB-05 & LWAE250S-7PB-06



EC AXIAL FAN

LWAE300



Motor Type : BLEC Motor
Impeller Material : Sheet Steel
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

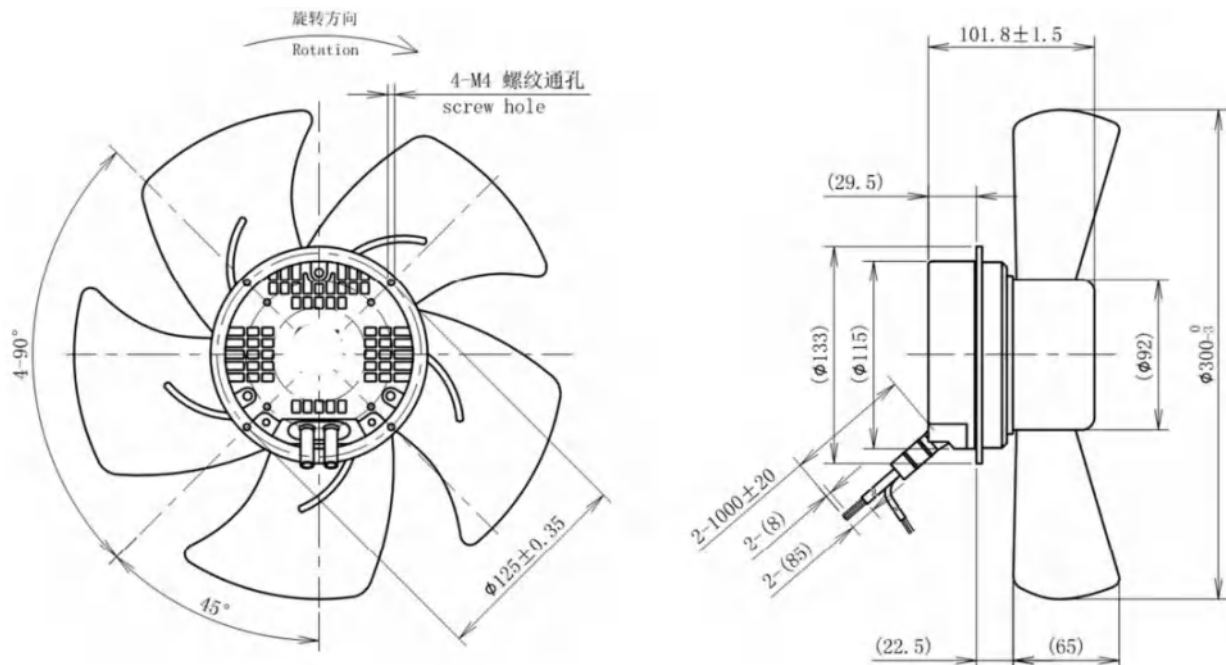
Bearing Type : Ball Bearing
Technical Feature :
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE300S-5B-01	Ball	220V	1.1	165	2100	2450	180	69	Suction	without grill
LWAE300T-5B-02	Ball	220V	1.1	165	2100	2450	180	69	Blowing	without grill
LWAE300S-5GB-03	Ball	220V	1.1	165	2100	2450	180	69	Suction	with cover grill
LWAE300T-5GB-04	Ball	220V	1.1	165	2100	2450	180	69	Blowing	with cover grill
LWAE300S-5PB-05	Ball	220V	1.1	165	2100	2450	180	69	Suction	with wind guide panel
LWAE300T-5PB-06	Ball	220V	1.1	165	2100	2450	180	69	Blowing	with wind guide panel

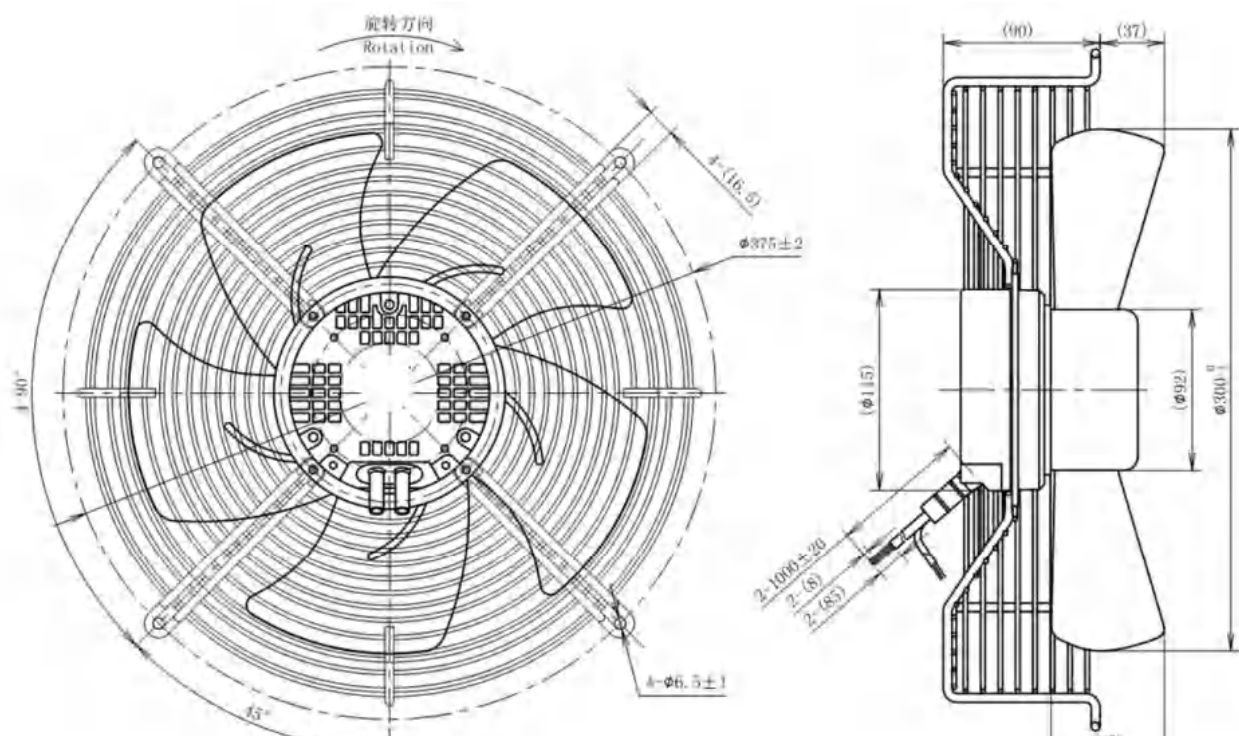
■ Technical Drawing

LWAE300S-5B-01 & LWAE300S-5B-02



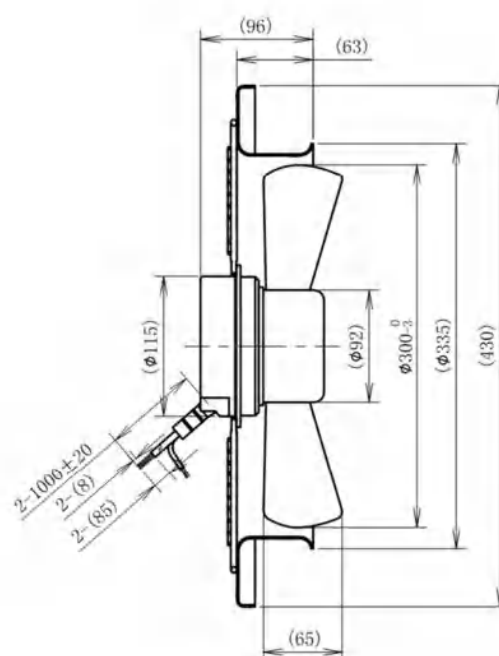
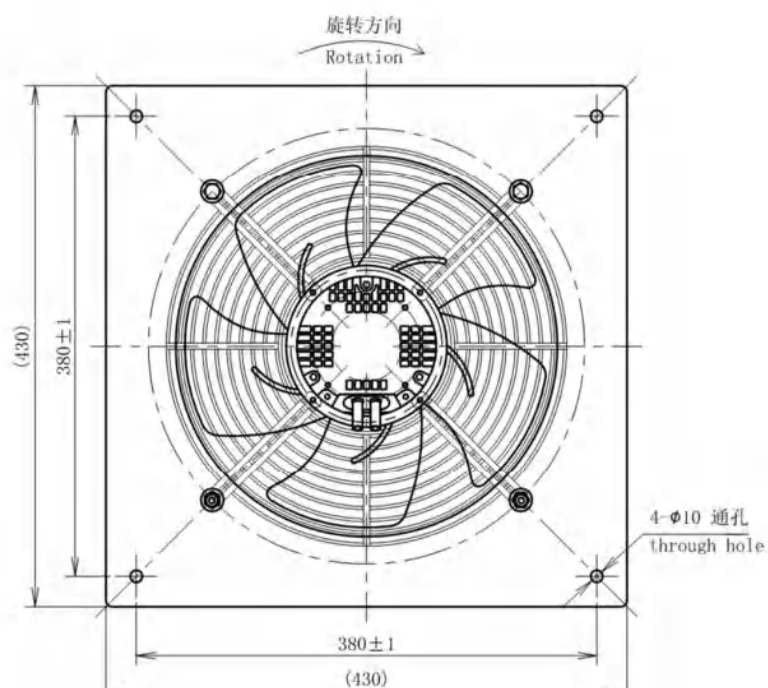
■ Technical Drawing

LWAE300S-5GB-03 & LWAE300S-5GB-04



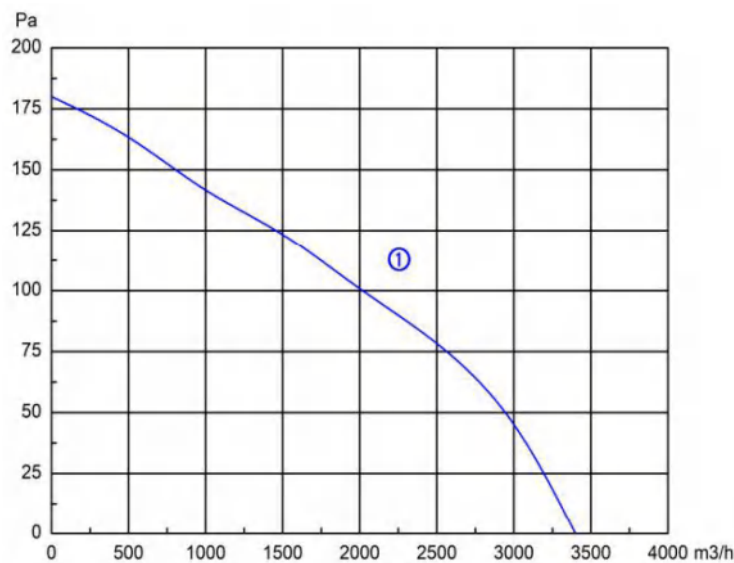
■ Technical Drawing

LWAE300S-5PB-05 & LWAE300S-5PB-06



EC AXIAL FAN

LWAE350



Motor Type : BLEC Motor
Impeller Material : Sheet Steel
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

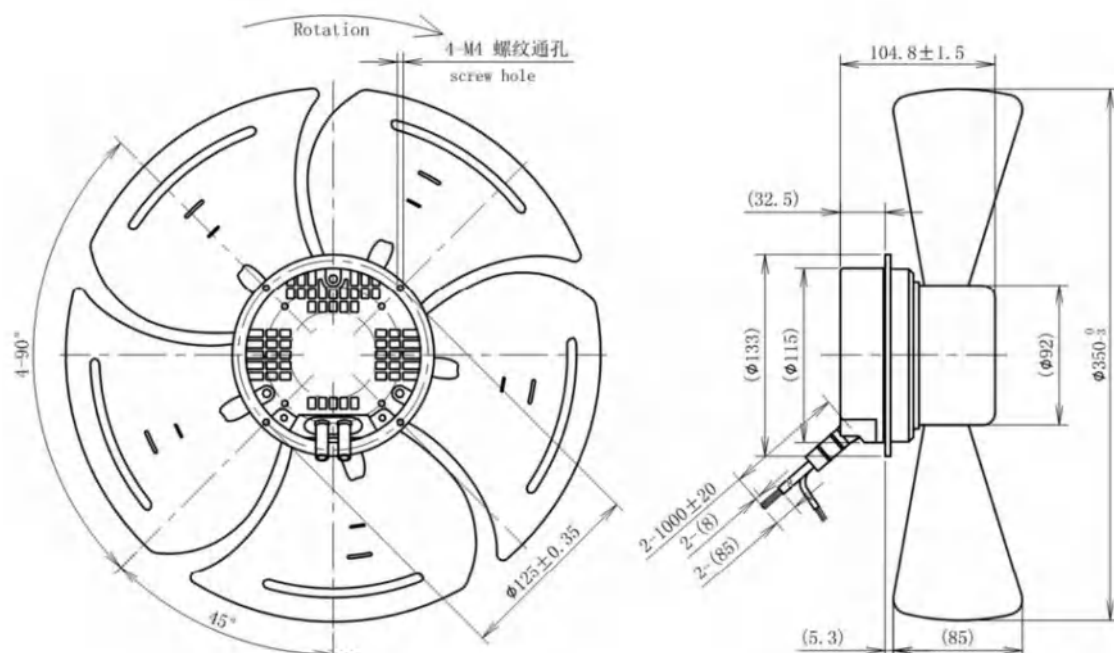
Bearing Type : Ball Bearing
Technical Feature :
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE350S-5B-01	Ball	220V	1.2	160	1730	3400	180	65	Suction	without grill
LWAE350T-5B-02	Ball	220V	1.2	160	1730	3400	180	65	Blowing	without grill
LWAE350S-5GB-03	Ball	220V	1.2	160	1730	3400	180	65	Suction	with cover grill
LWAE350T-5GB-04	Ball	220V	1.2	160	1730	3400	180	65	Blowing	with cover grill
LWAE350S-5PB-05	Ball	220V	1.2	160	1730	3400	180	65	Suction	with wind guide panel
LWAE350T-5PB-06	Ball	220V	1.2	160	1730	3400	180	65	Blowing	with wind guide panel

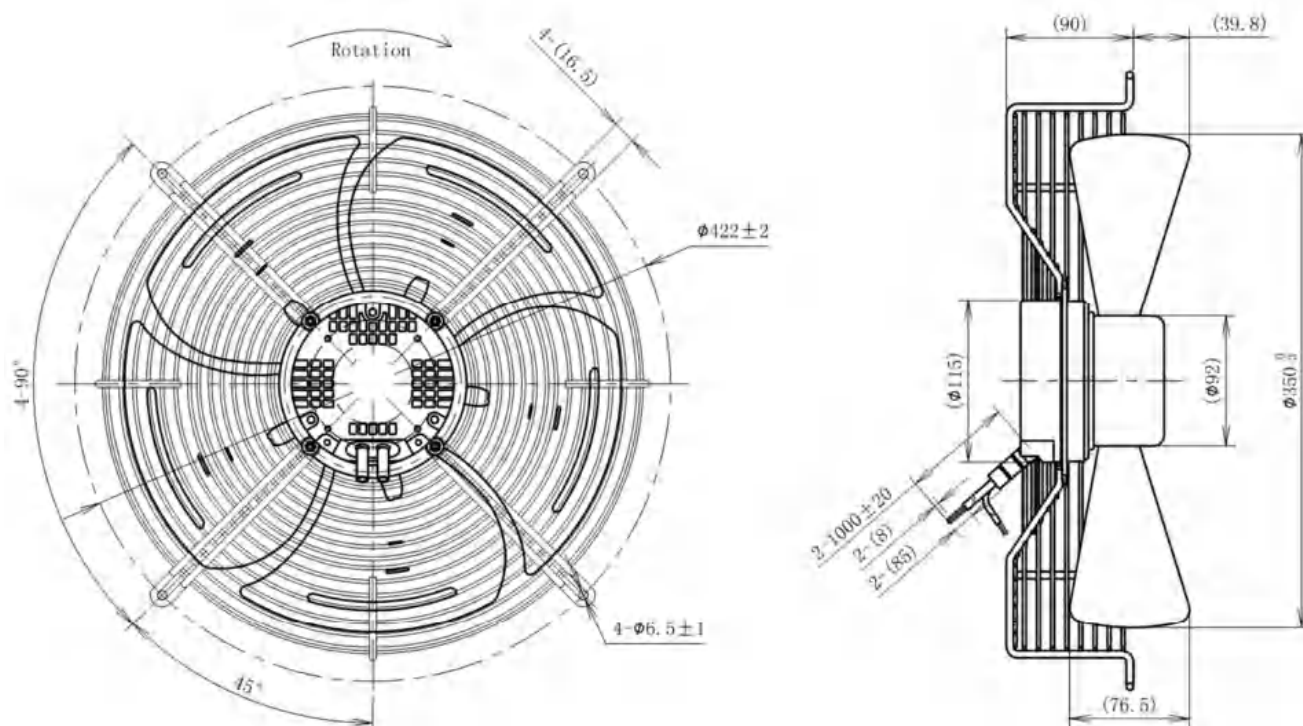
■ Technical Drawing

LWAE350S-5B-01 & LWAE350S-5B-02



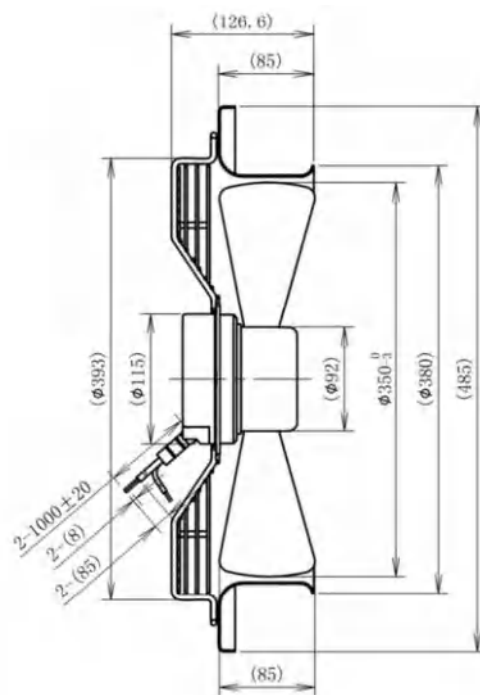
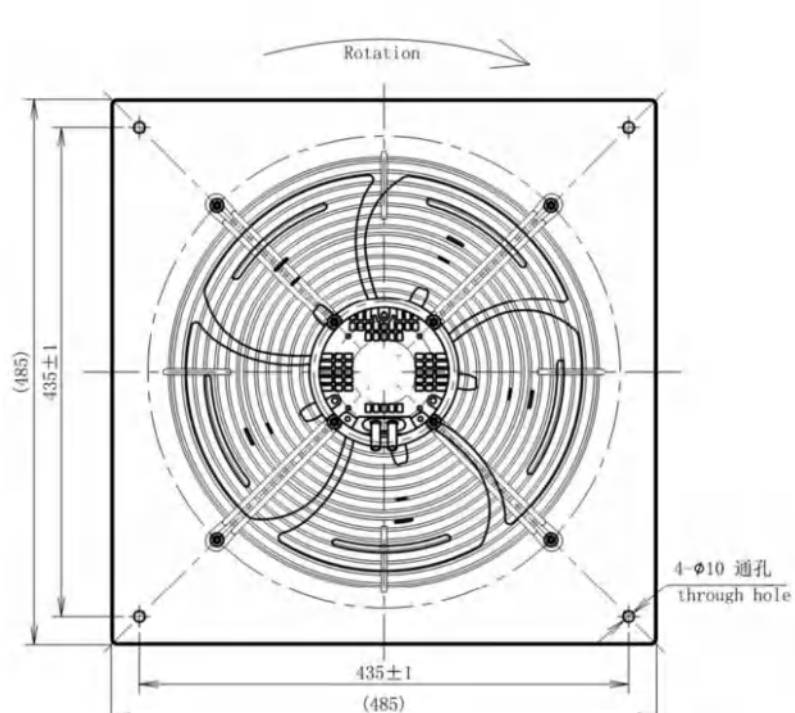
■ Technical Drawing

LWAE350S-5GB-03 & LWAE350S-5GB-04



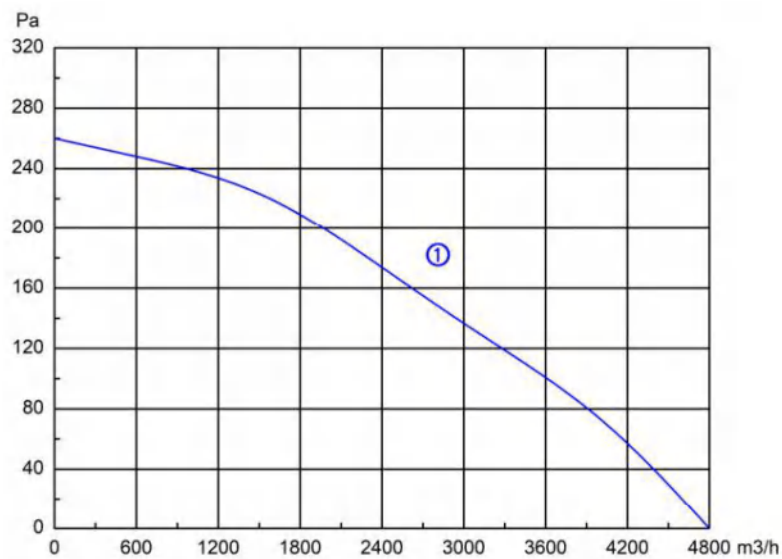
■ Technical Drawing

LWAE350S-5PB-05 & LWAE350S-5PB-06



EC AXIAL FAN

LWAE400



Motor Type : BLEC Motor
Impeller Material : Sheet Steel
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

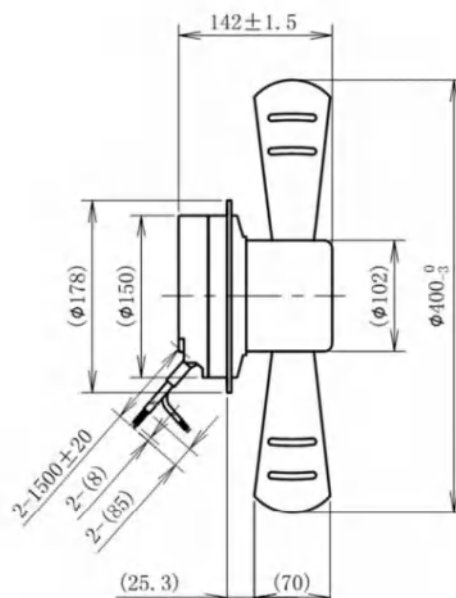
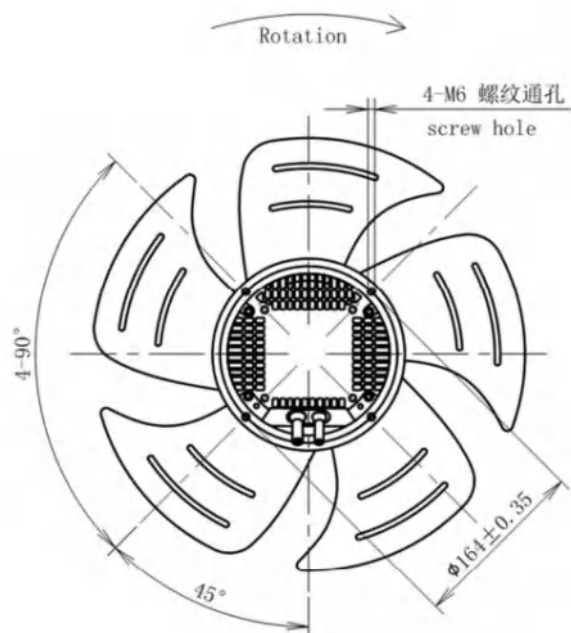
Bearing Type : Ball Bearing
Technical Feature :
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE400S-5B-01	Ball	220V	1.4	315	1600	4800	200	69	Suction	without grill
LWAE400T-5B-02	Ball	220V	1.4	315	1600	4800	200	69	Blowing	without grill
LWAE400S-5GB-03	Ball	220V	1.4	315	1600	4800	200	69	Suction	with cover grill
LWAE400T-5GB-04	Ball	220V	1.4	315	1600	4800	200	69	Blowing	with cover grill
LWAE400S-5PB-05	Ball	220V	1.4	315	1600	4800	200	69	Suction	with wind guide panel
LWAE400T-5PB-06	Ball	220V	1.4	315	1600	4800	200	69	Blowing	with wind guide panel

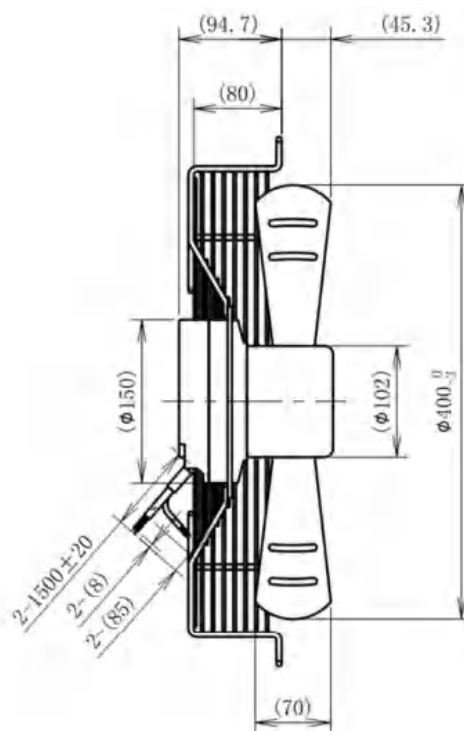
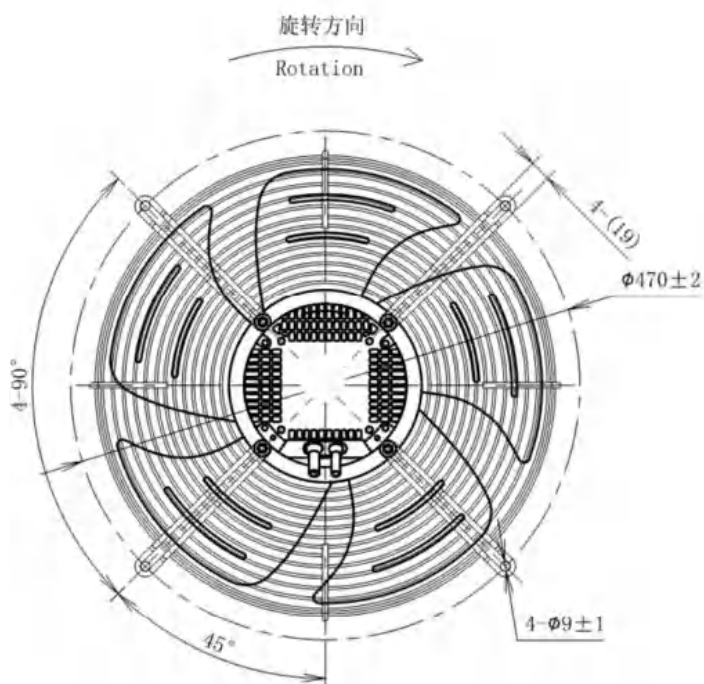
■ Technical Drawing

LWAE400S-5B-01 & LWAE400S-5B-02



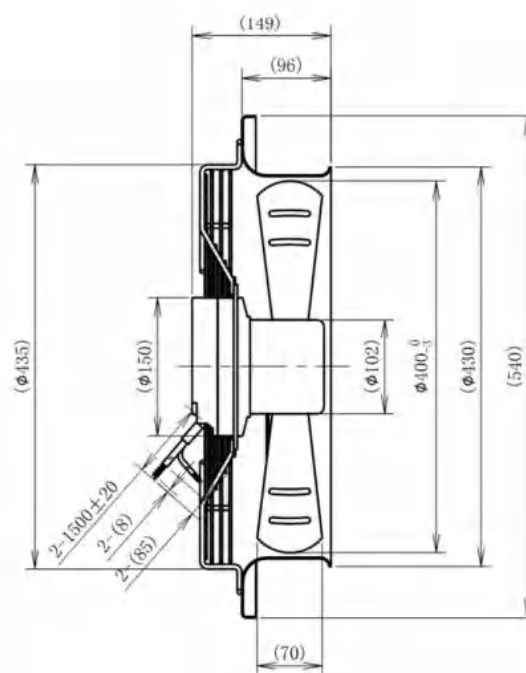
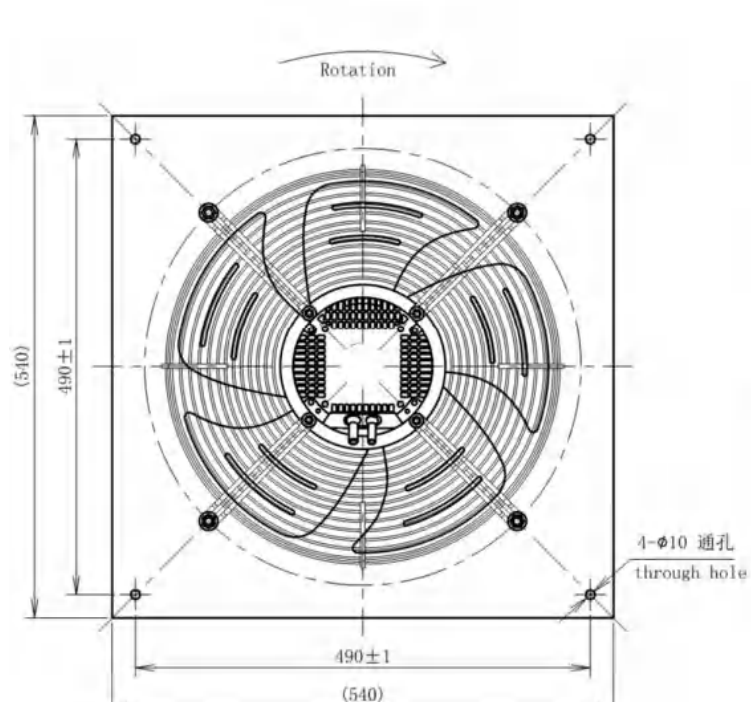
■ Technical Drawing

LWAE400S-5GB-03 & LWAE400S-5GB-04



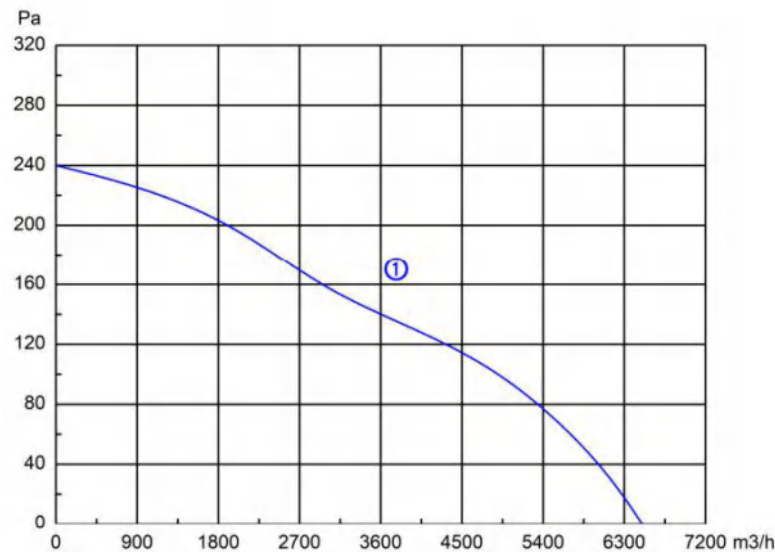
■ Technical Drawing

LWAE400S-5PB-05 & LWAE400S-5PB-06



EC AXIAL FAN

LWAE450



- Motor Type : BLEC Motor
- Impeller Material : Sheet Steel
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

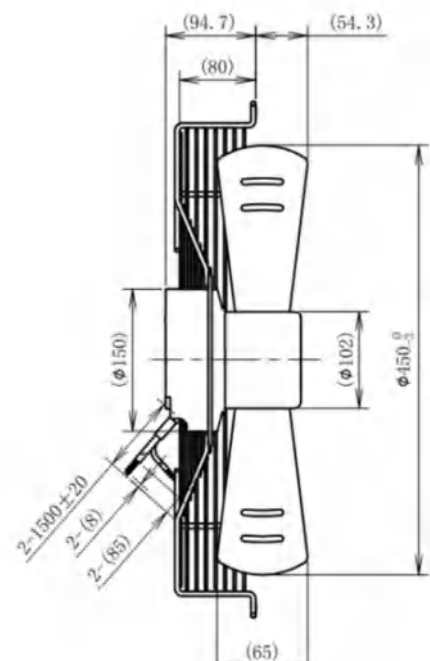
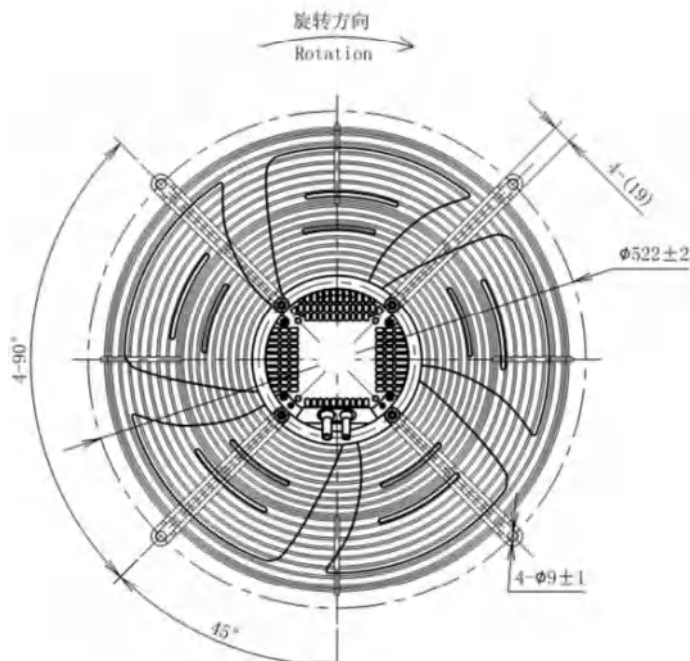
- Bearing Type : Ball Bearing
- Technical Feature :
 - Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
 - Reverse Polarity ,Over-voltage protection
 - Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE450S-5B-01	Ball	220V	2	430	1590	6500	240	65	Suction	without grill
LWAE450T-5B-02	Ball	220V	2	430	1590	6500	240	65	Blowing	without grill
LWAE450S-5GB-03	Ball	220V	2	430	1590	6500	240	65	Suction	with cover grill
LWAE450T-5GB-04	Ball	220V	2	430	1590	6500	240	65	Blowing	with cover grill
LWAE450S-5PB-05	Ball	220V	2	430	1590	6500	240	65	Suction	with wind guide panel
LWAE450T-5PB-06	Ball	220V	2	430	1590	6500	240	65	Blowing	with wind guide panel

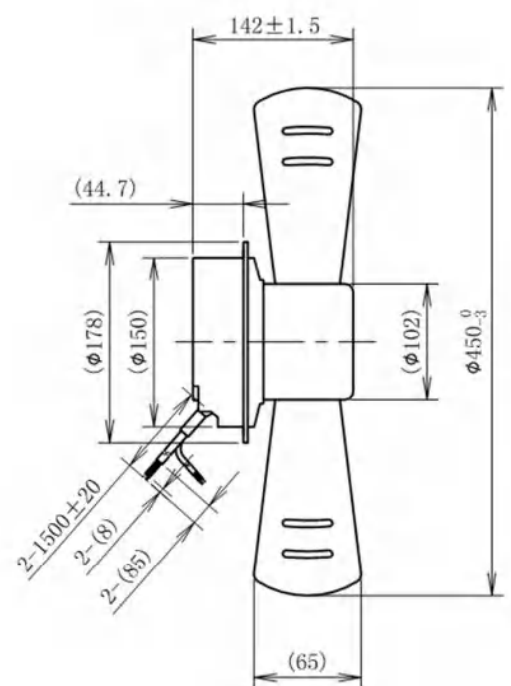
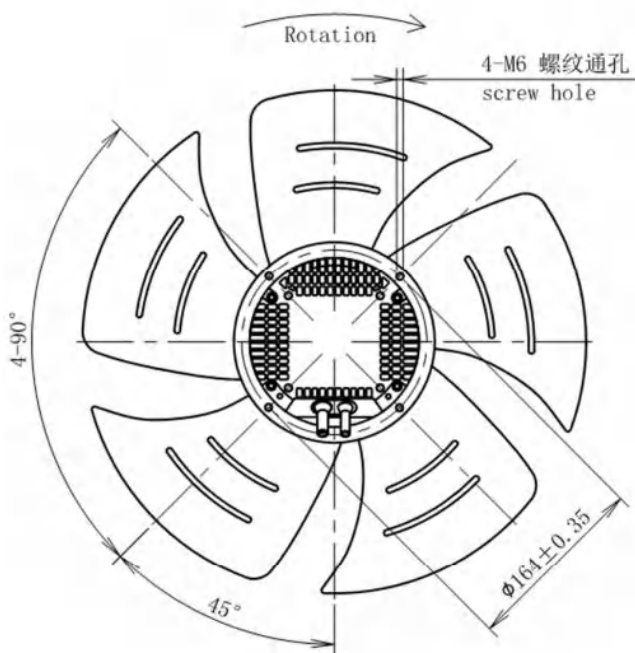
■ Technical Drawing

LWAE450S-5B-01 & LWAE450S-5B-02



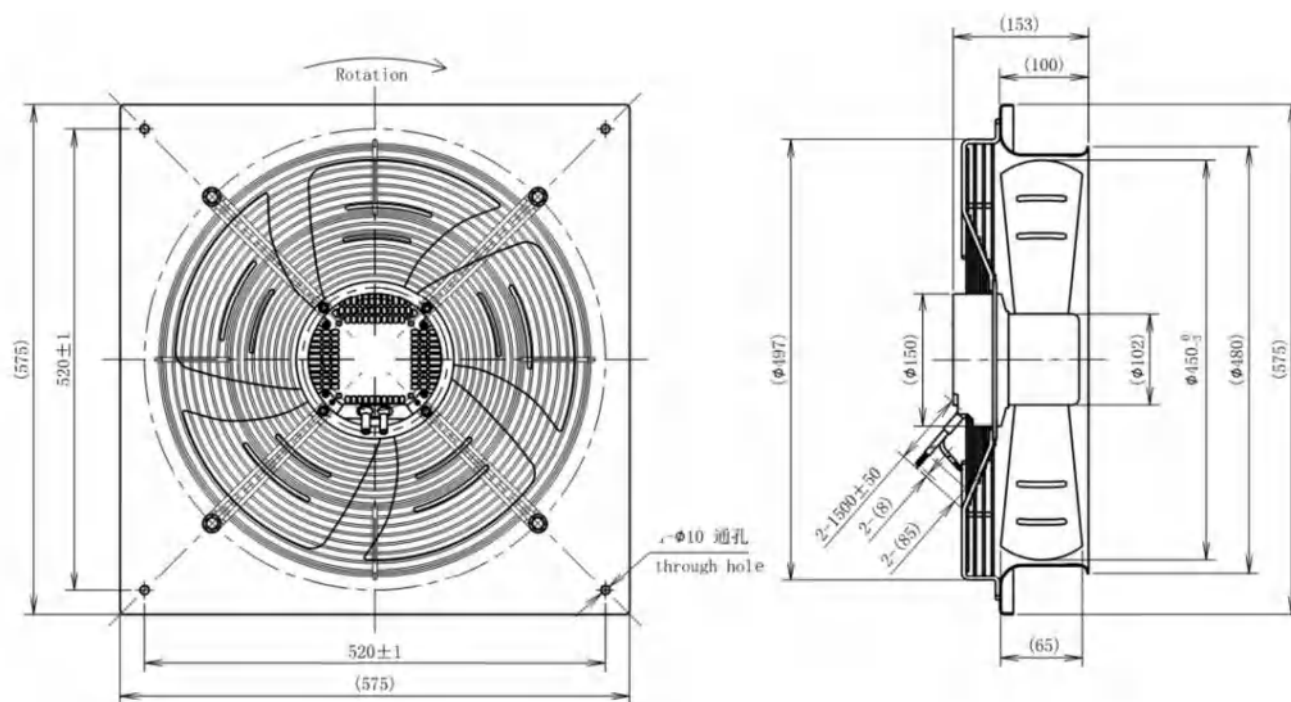
■ Technical Drawing

LWAE450S-5GB-03 & LWAE450S-5GB-04



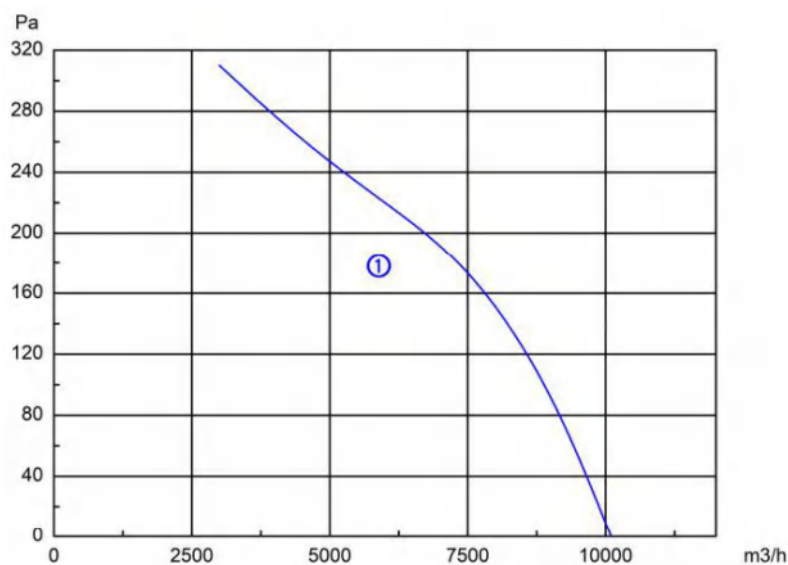
■ Technical Drawing

LWAE450S-5PB-05 & LWAE450S-5PB-06



EC AXIAL FAN

LWAE500



Motor Type : BLEC Motor
Impeller Material : Sheet Steel
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

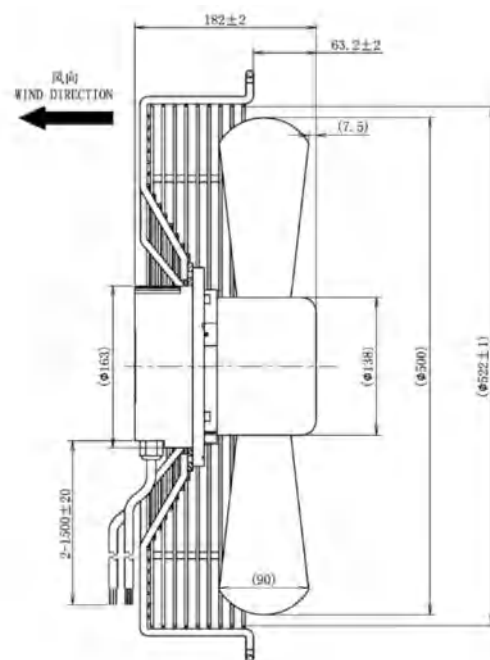
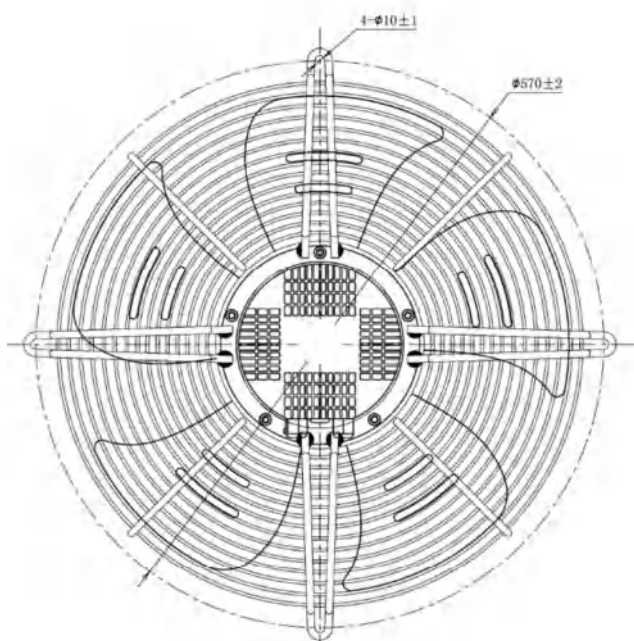
Bearing Type : Ball Bearing
Technical Feature :
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE500S-5B-01	Ball	380V	1.5	850	1700	10100	300	75	Suction	without grill
LWAE500T-5B-02	Ball	380V	1.5	850	1700	10100	300	75	Blowing	without grill
LWAE500S-5GB-03	Ball	380V	1.5	850	1700	10100	300	75	Suction	with cover grill
LWAE500T-5GB-04	Ball	380V	1.5	850	1700	10100	300	75	Blowing	with cover grill
LWAE500S-5PB-05	Ball	380V	1.5	850	1700	10100	300	75	Suction	with wind guide panel
LWAE500T-5PB-06	Ball	380V	1.5	850	1700	10100	300	75	Blowing	with wind guide panel

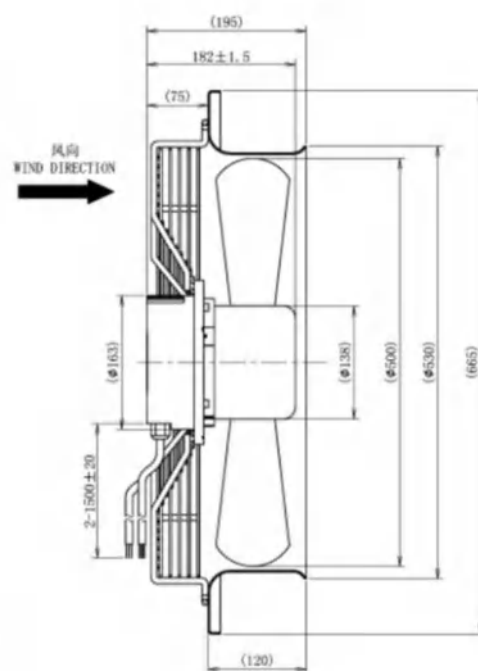
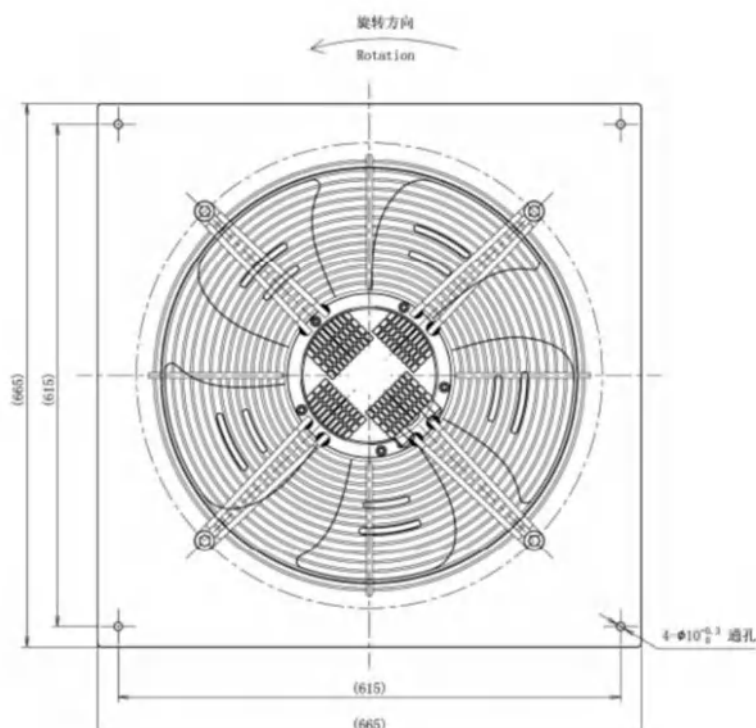
■ Technical Drawing

LWAE500S-5B-03 & LWAE500S-5B-04



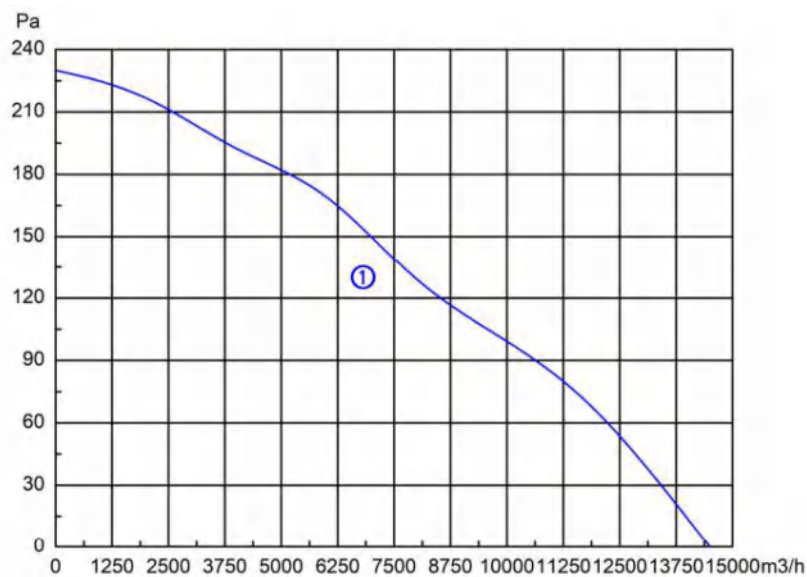
■ Technical Drawing

LWAE500S-5GB-05 & LWAE500S-5GB-06



EC AXIAL FAN

LWAE630



Motor Type : BLEC Motor
Impeller Material : Sheet Steel
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

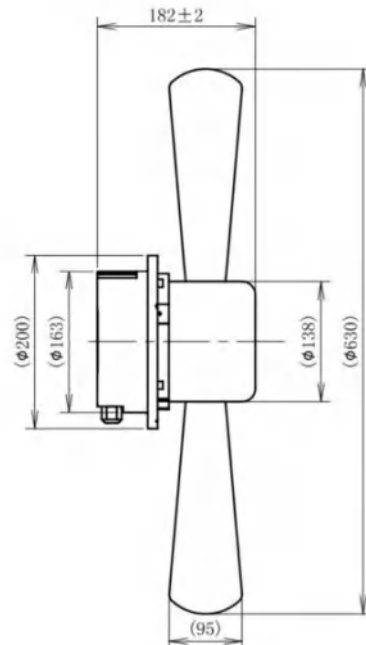
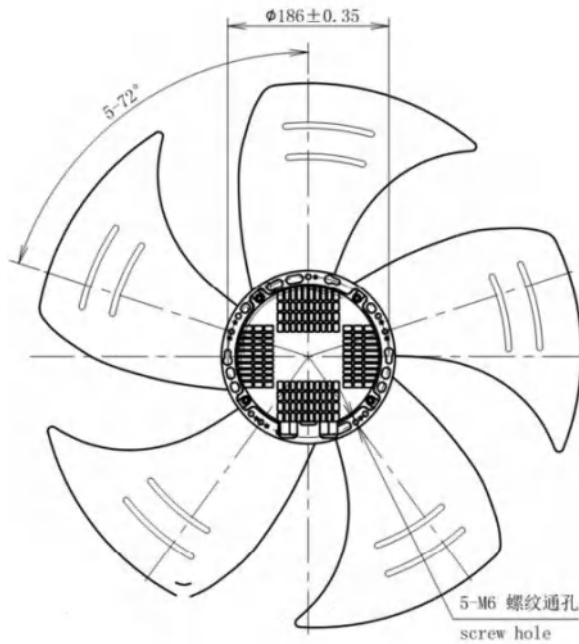
Bearing Type : Ball Bearing
Technical Feature :
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise	Note	
	B/S	V	A	W	RPM	m³/h	Pa	dBA		
LWAE630S-5B-01	Ball	380V	1.3	800	1150	14500	230	69	Suction	without grill
LWAE630T-5B-02	Ball	220V	1.3	800	1150	14500	230	69	Blowing	without grill
LWAE630S-5GB-03	Ball	220V	1.3	800	1150	14500	230	69	Suction	with cover grill
LWAE630T-5GB-04	Ball	220V	1.3	800	1150	14500	230	69	Blowing	with cover grill
LWAE630S-5PB-05	Ball	220V	1.3	800	1150	14500	230	69	Suction	with wind guide panel
LWAE630T-5PB-06	Ball	220V	1.3	800	1150	14500	230	69	Blowing	with wind guide panel

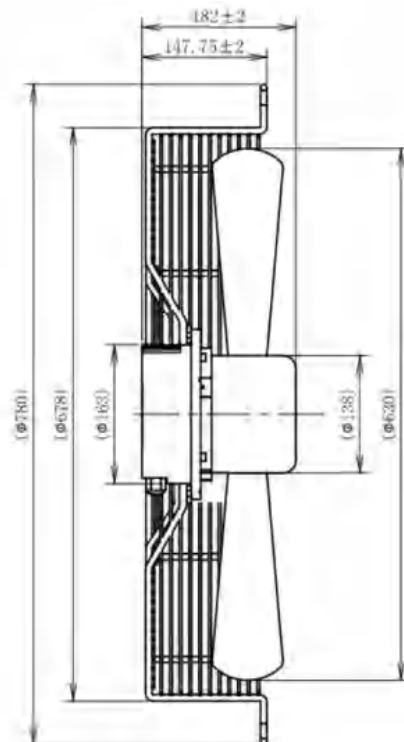
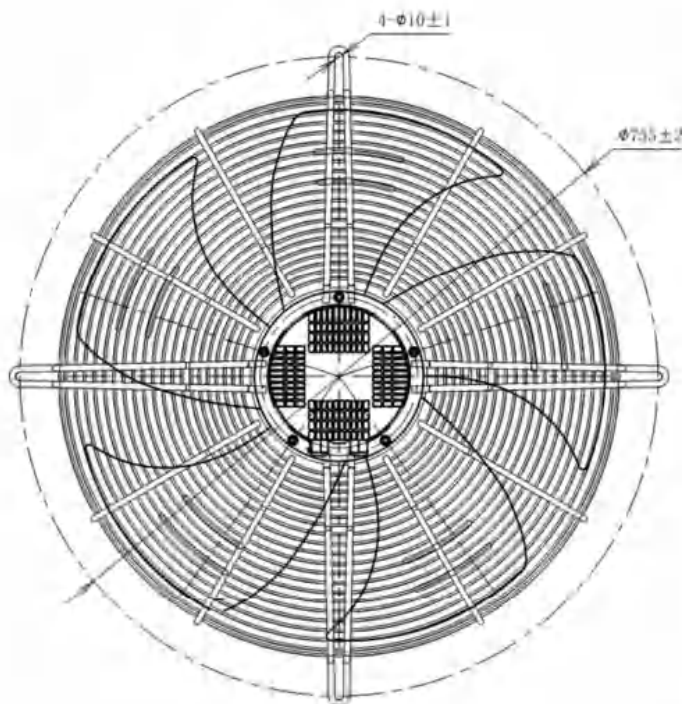
■ Technical Drawing

LWAE630S-5B-01 & LWAE630S-5B-02



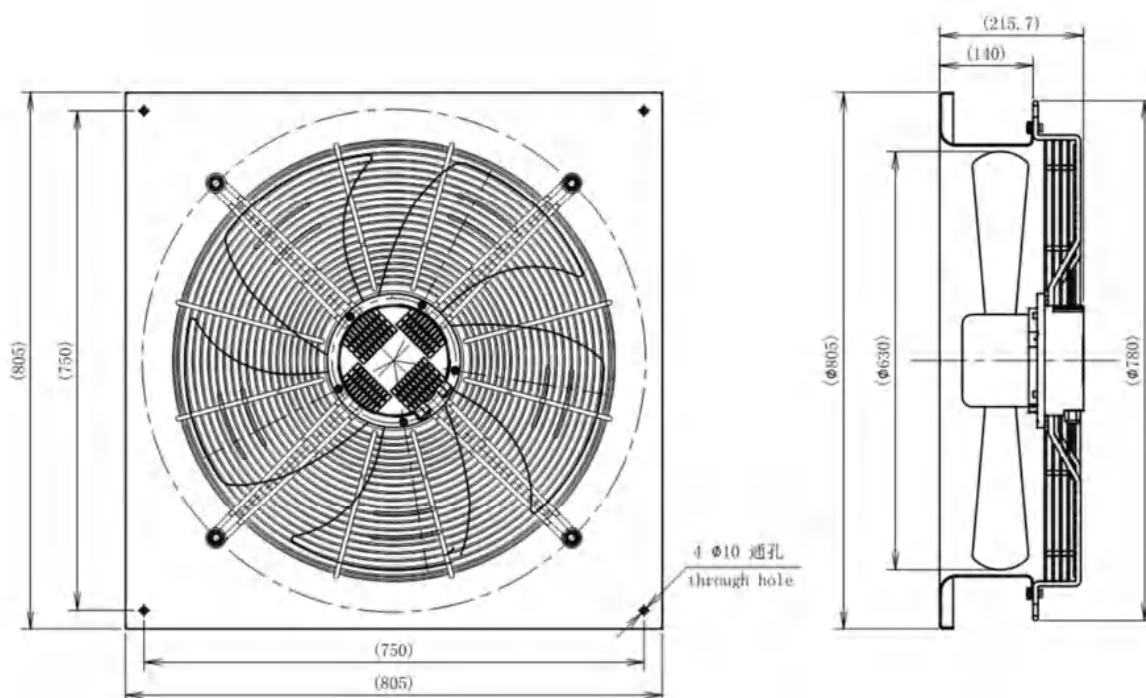
■ Technical Drawing

LWAE630S-5GB-03 & LWAE630S-5GB-04

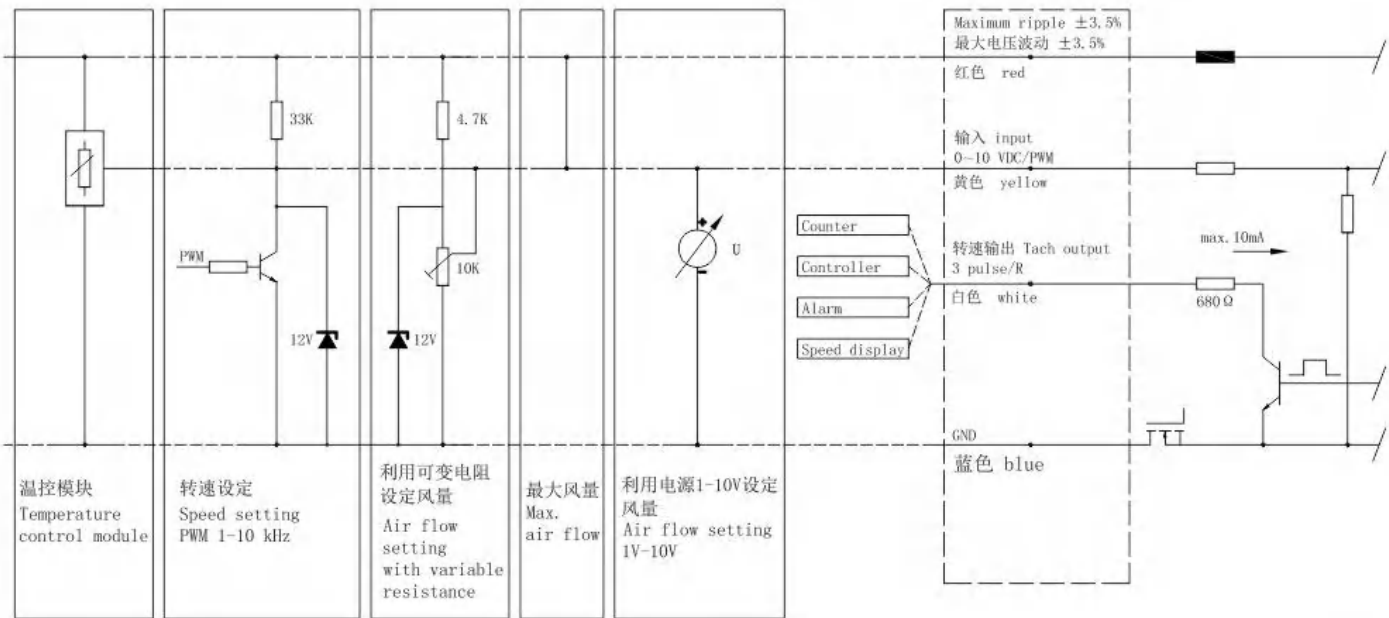


■ Technical Drawing

LWAE630S-5PB-05 & LWAE630S-5PB-06



■ Wiring Diagram Details -DC 24V & 48V



Connection(24/48V)	Wire Color	Details
+	Red	Maximum Ripple $\pm 3.5\%$
GND	Blue	GND
0~10V/ PWM	Yellow	Speed Control Wire
Tach Output	White	Tach output wire 3 Pulse/R

■ Wiring Diagram Details -DC 310V

