



Website

Ningbo Longwell Electric Technology Co.,Ltd

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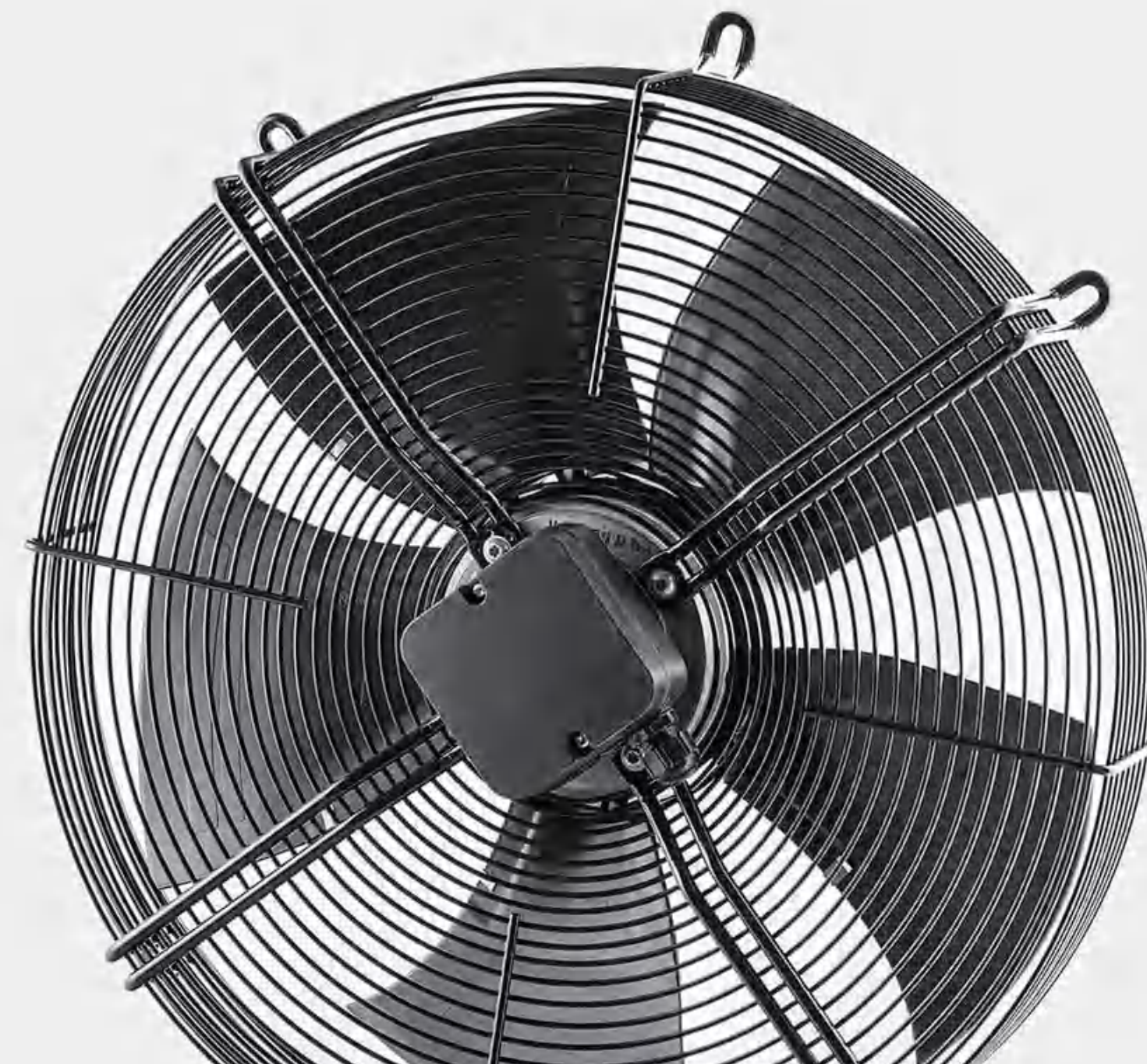
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***Professional HVAC Fan
& Motors Manufacturer***

External Rotor Axial Fan

Ningbo Longwell Electric Technology CO, LTD



CATALOGUE

01	Type Code
03	External Rotor Axial Fan(Φ 200- Φ 300)
15	External Rotor Axial Fan(Φ 315- Φ 500)
37	External Rotor Axial Fan(Φ 550- Φ 630)
53	External Rotor Axial Fan(Φ 710- Φ 910)

Type Code

LW A A 2E 200 M S - 5 E W - 01

Series No.

B-With Connection Box
W-without connection Box

E:Standard grill P:with Panel
N:without Grill H:High Inlet Ring
G:Inlet Ring with square plate
(grill mount with plate)
K:Inlet Ring with square plate
(grill mount with inlet ring)
B:Flat Grill C:flat-concave grill
D:concave-flat grill Y:Pipeline type

Qty of Blades

S-Suction B-Blowing

M-Large Air Volume Type
G-High Air Volume Type
T-Extra large air volume Series
F-Air Cooling Series

Diameter of Impeller

2E-2Pole Single phase Motor 4E-4Pole Single Phase Motor
6E-6Pole Single phase Motor 6D-6Pole Three-phase Motor
8D-8Pole Three-phase Motor 3G-3 Phase EC Motor

A-AC D-DC E-EC

A-Axial Fan

Longwell



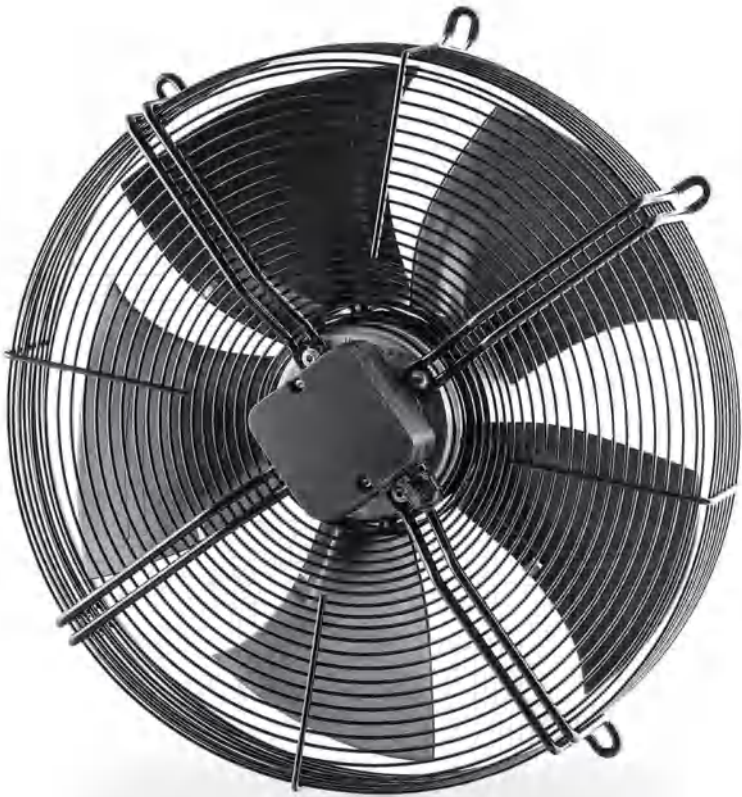
External Rotor Axial Fan

External Rotor Axial Fan has features as compact structure, convenient installation, reliable operation, low noise, energy saving and high efficiency. They are widely used in hotels, restaurants, industrial and mining enterprises, office buildings, theaters and other building facilities , and can be widely used for ventilation and heat dissipation of refrigerators, cold storages, screw compressors, evaporators, condensers and other equipments.

LWAA-200 Series

Product Characteristic

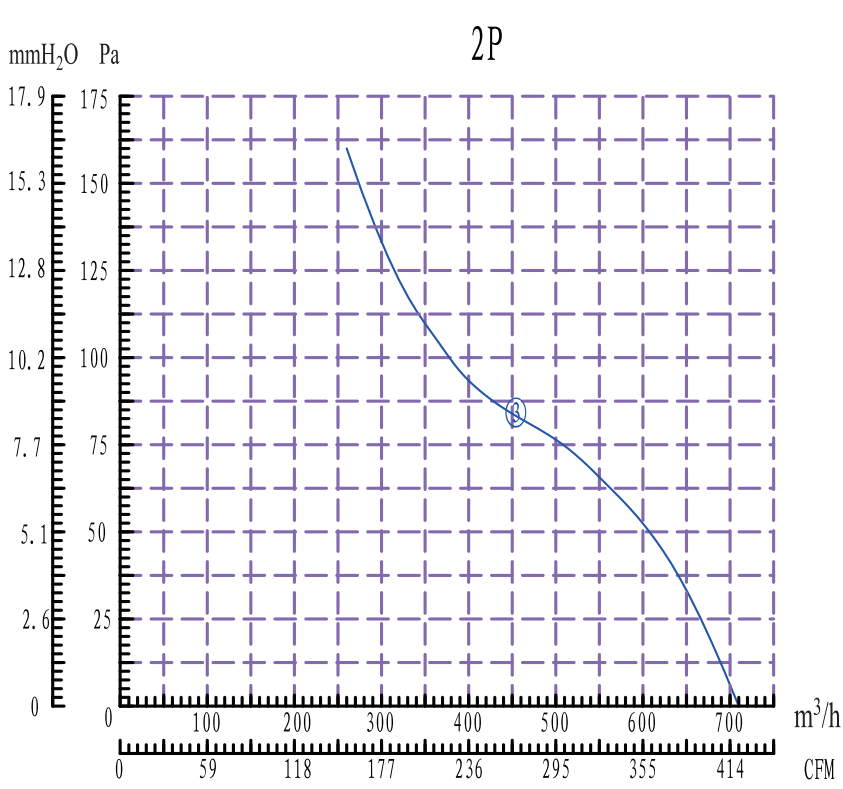
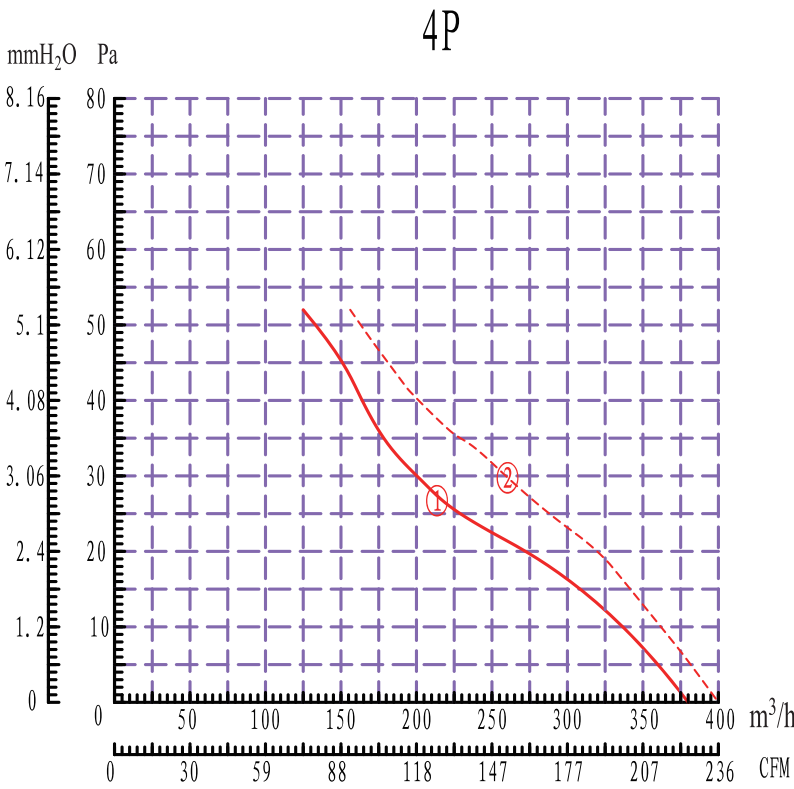
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D200S-5EB-06	380	50	0.15	35	1465	385	30	/	50	2	①
LWAA4E200S-5EB-07	220	50	0.11	22	1400	385	30	2.5	50	2	①
LWAA4E200S-5EB-08	230	60	0.11	25	1700	405	40	2.5	52	2	②
LWAA2D200S-5EB-09	380	50	0.24	65	2740	710	80	/	77	2	③
LWAA2E200S-5EB-10	220	50	0.25	55	2680	710	80	3	65	2	④

Flow Rate Curve

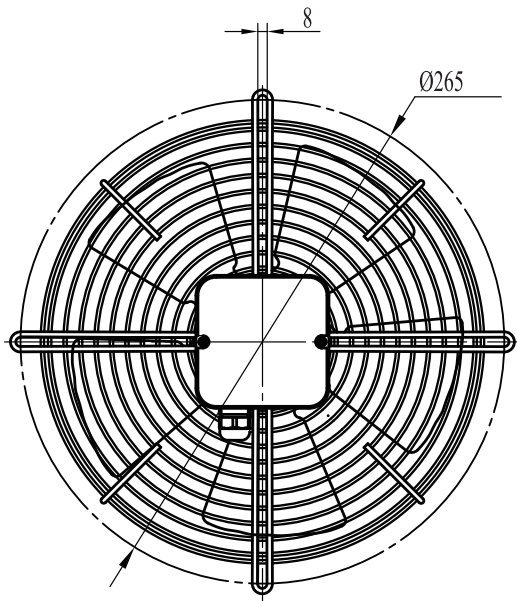
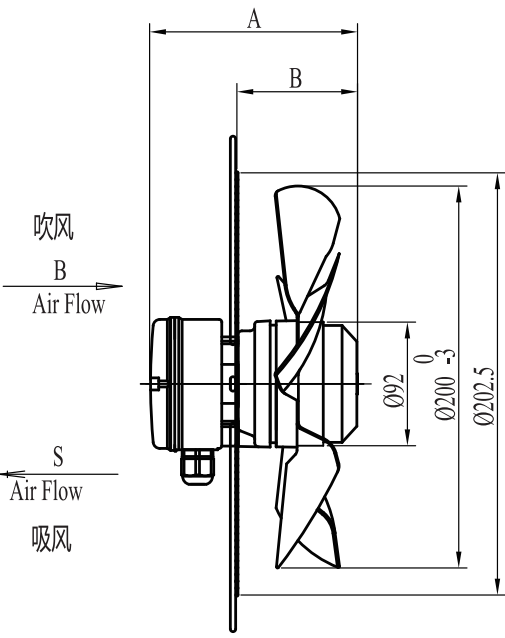


Installation Form Of The Fan

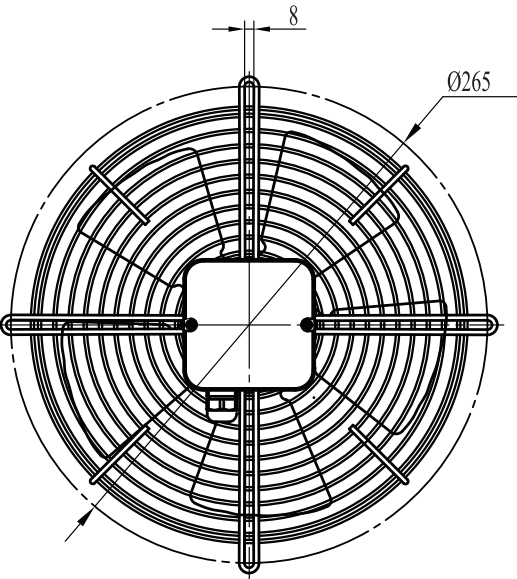
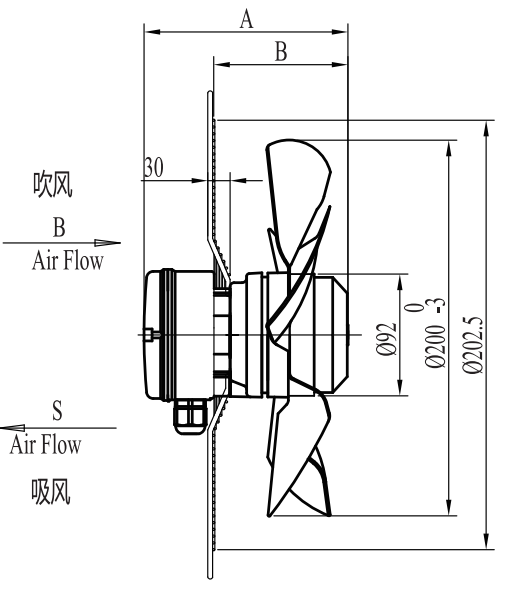
Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

Product Drawing

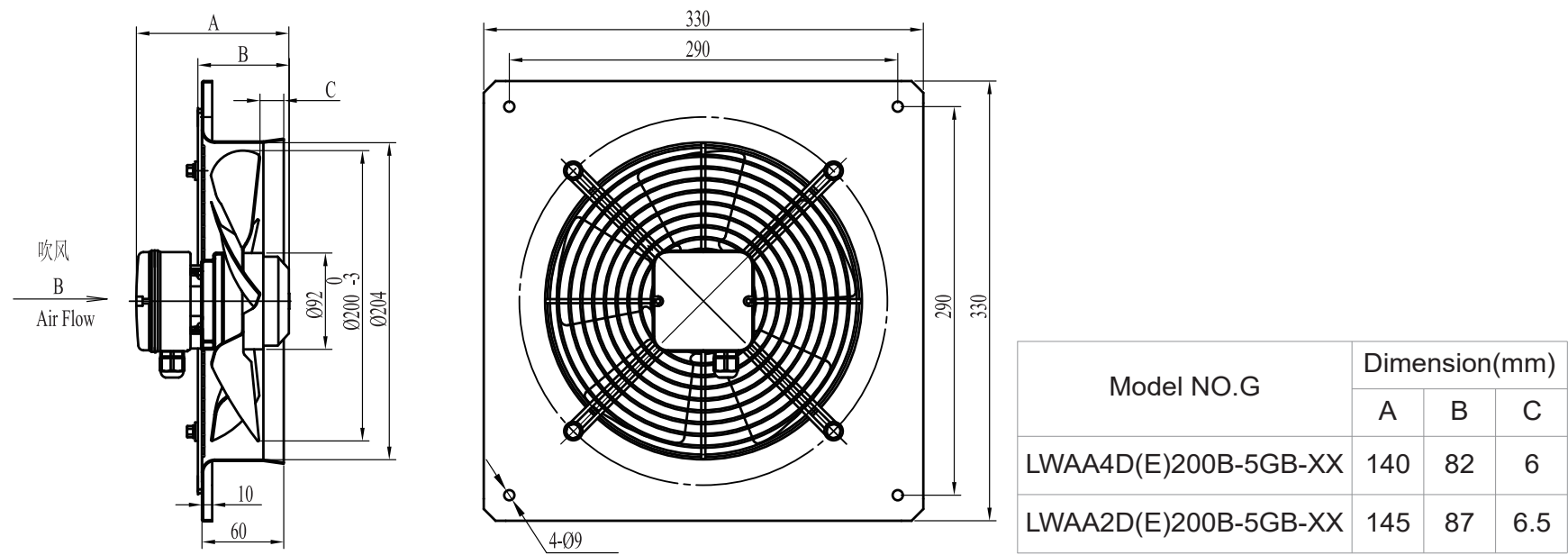
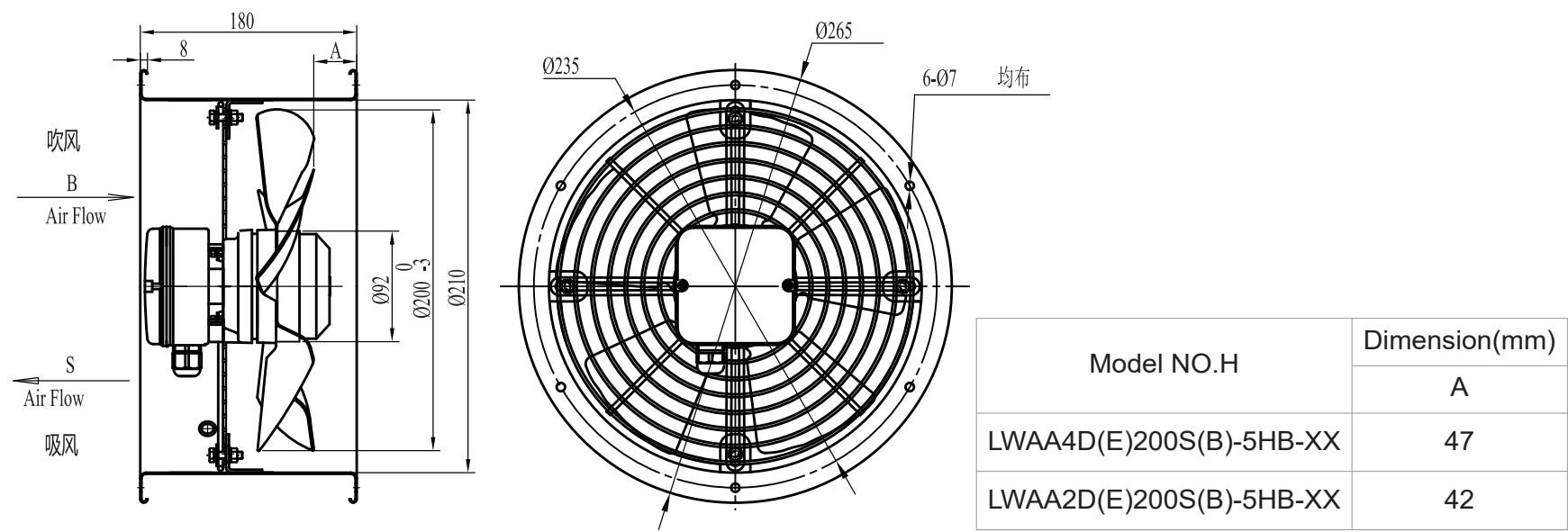
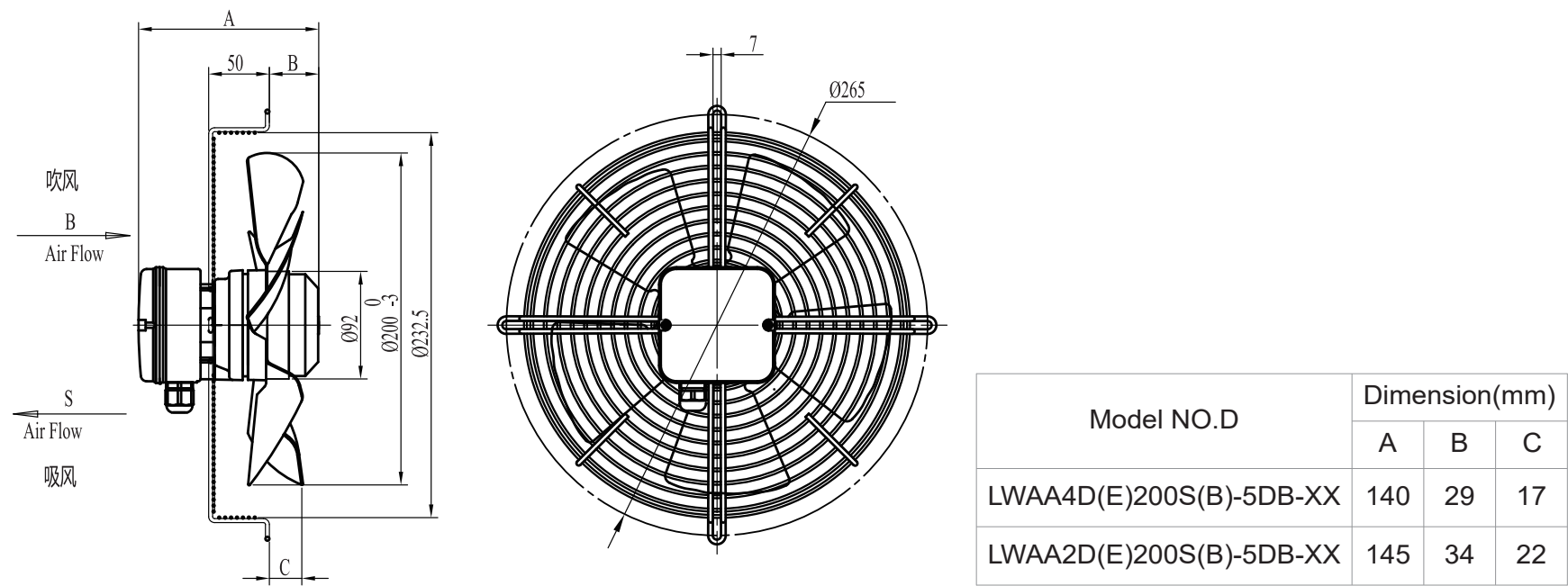
External Rotor Axial Fan Φ200



Model NO.B	Dimension(mm)	
	A	B
LWAA4D(E)200S(B)-5BB-XX	140	75
LWAA2D(E)200S(B)-5BB-XX	145	80



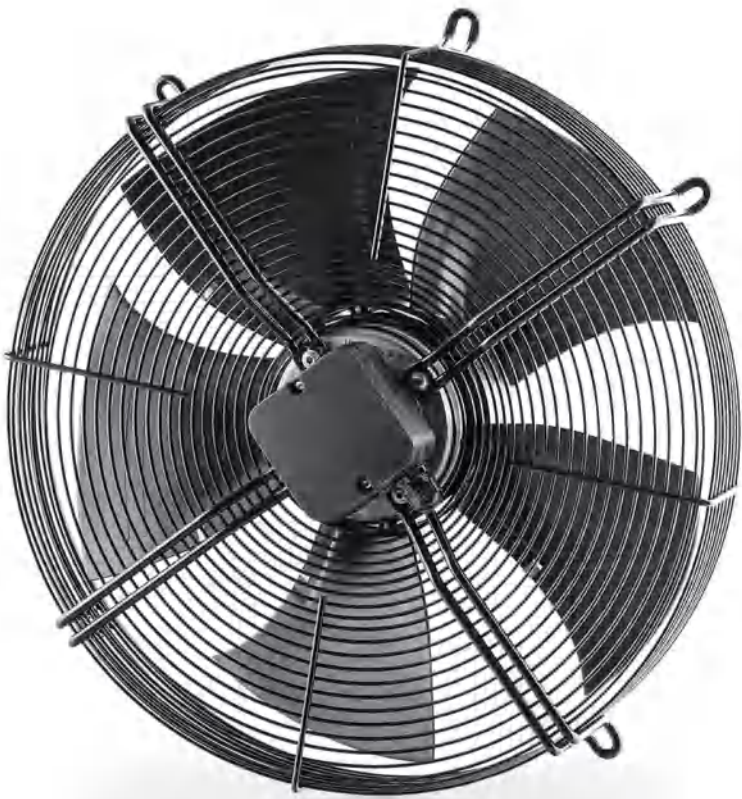
Model NO.C	Dimension(mm)	
	A	B
LWAA4D(E)200S(B)-5CB-XX	140	105
LWAA2D(E)200S(B)-5CB-XX	145	110



LWAA-250 Series

Product Characteristic

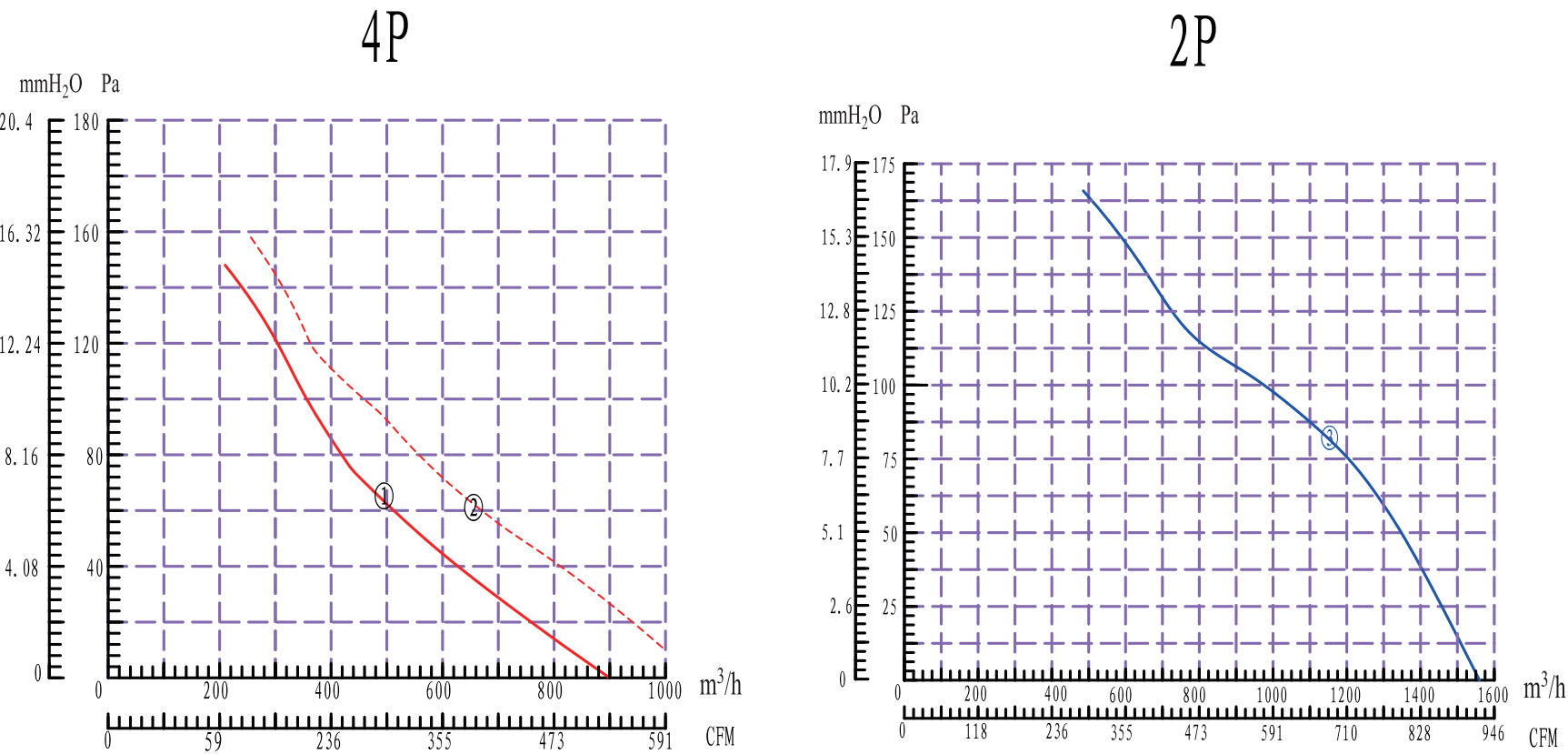
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D250S-5EB-06	380	50	0.18	50	1450	915	60	/	55	2.7	①
LWAA4D250S-5EB-07	400	60	0.25	60	1500	925	68	/	58	2.7	②
LWAA4E250S-5EB-08	220	50	0.23	50	1430	900	60	1.5	55	2.7	①
LWAA4E250S-5EB-09	230	60	0.22	55	1700	1080	70	1.5	58	2.7	②
LWAA2D250S-5EB-10	380	50	0.30	150	2600	1565	120	/	72	2.8	③
LWAA2E250S-5EB-11	220	50	0.65	135	2300	1565	120	6	75	2.8	③

Flow Rate Curve

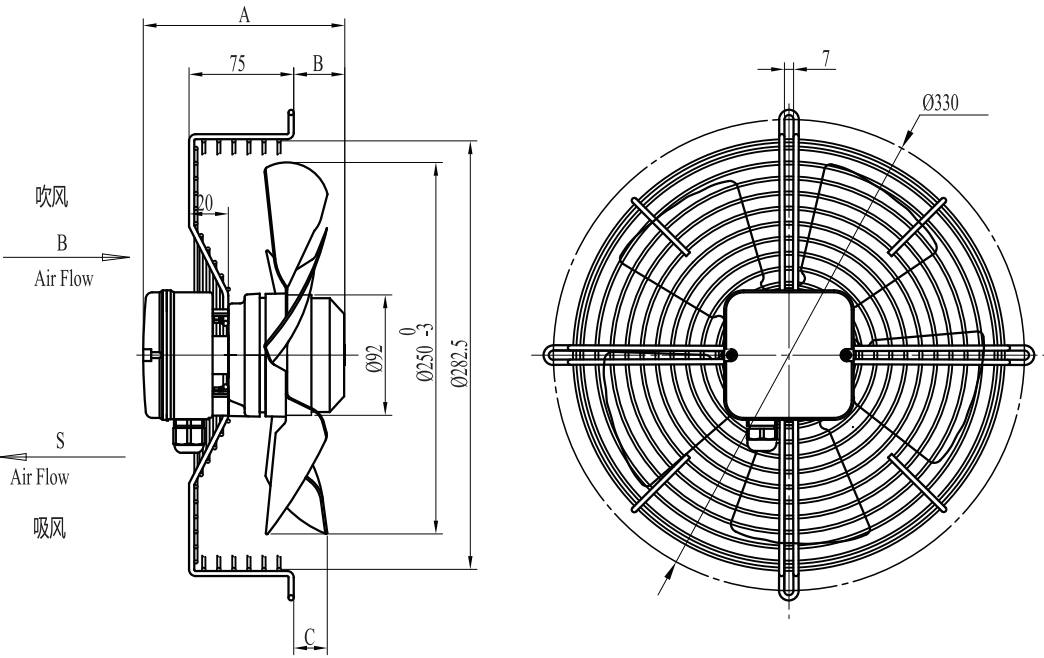


Installation Form Of The Fan

Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

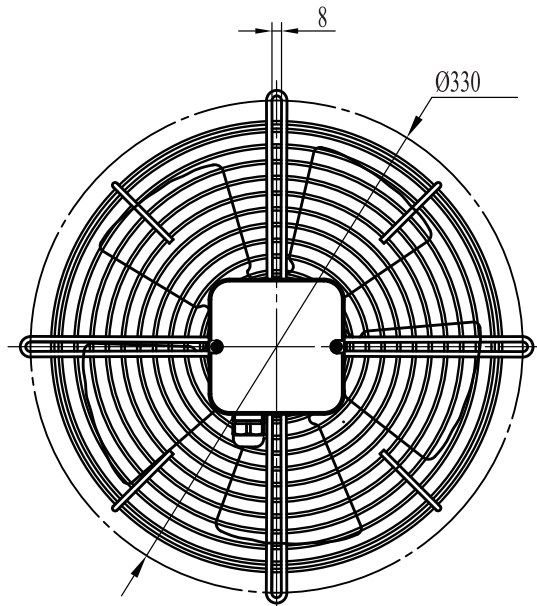
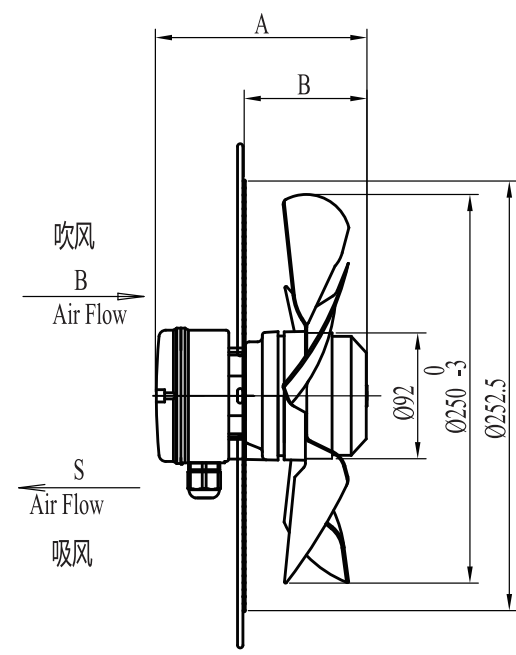
Product Drawing

Standard Version

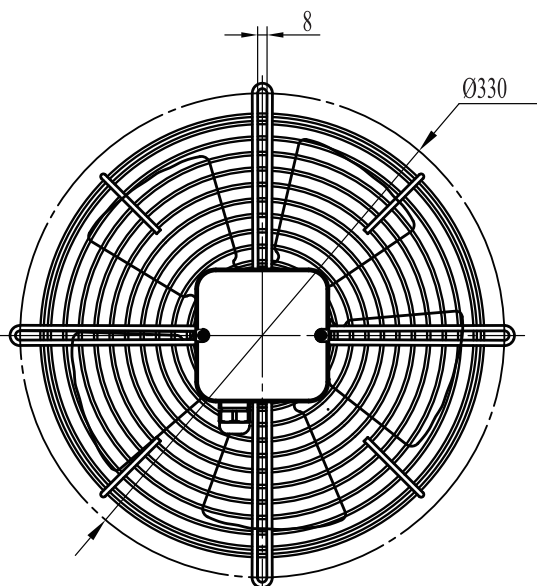
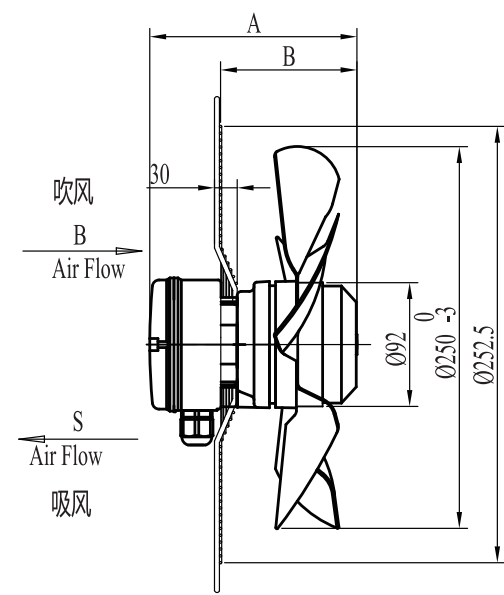


Model NO.E	Dimension(mm)		
	A	B	C
LWAA4D(E)250S(B)-5EB-XX	145	30	18
LWAA2D(E)250S(B)-5EB-XX	155	40	28

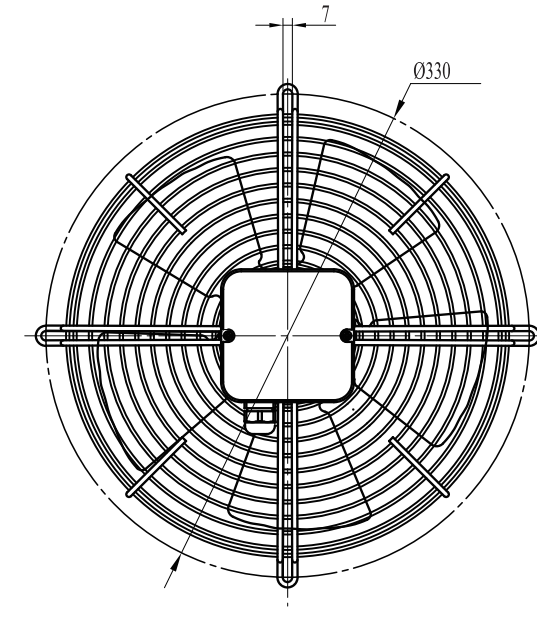
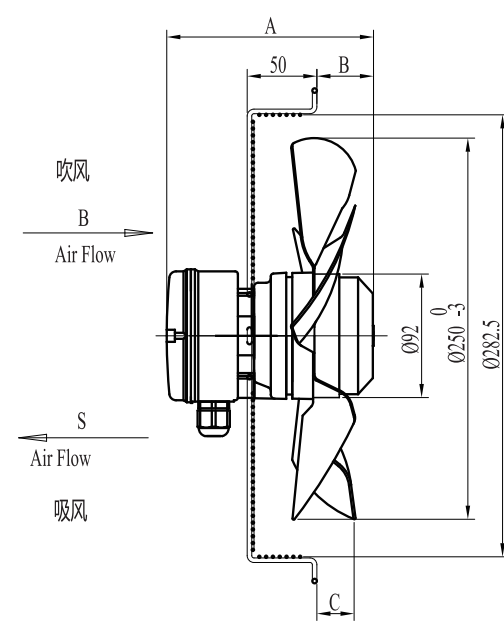
Customization Available



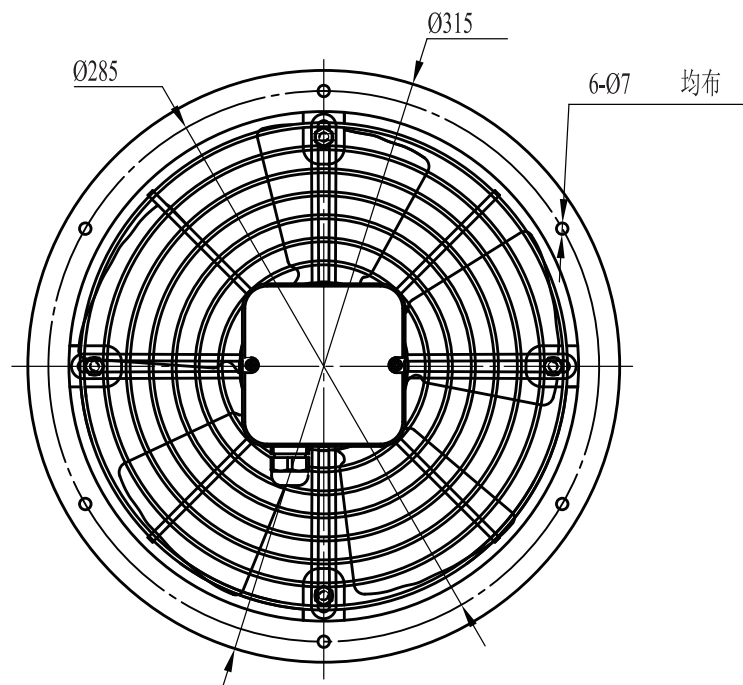
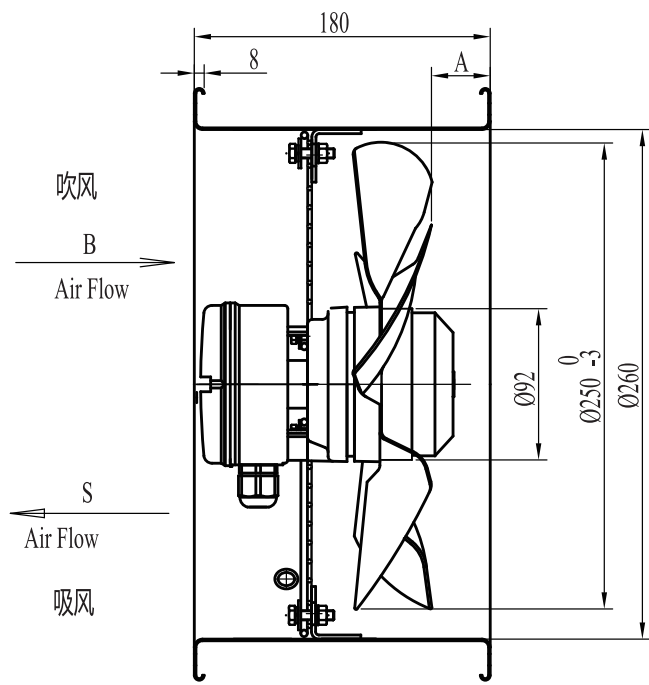
Model NO.B	Dimension(mm)	
	A	B
LWAA4D(E)250S(B)-5BB-XX	145	80
LWAA2D(E)250S(B)-5BB-XX	155	90



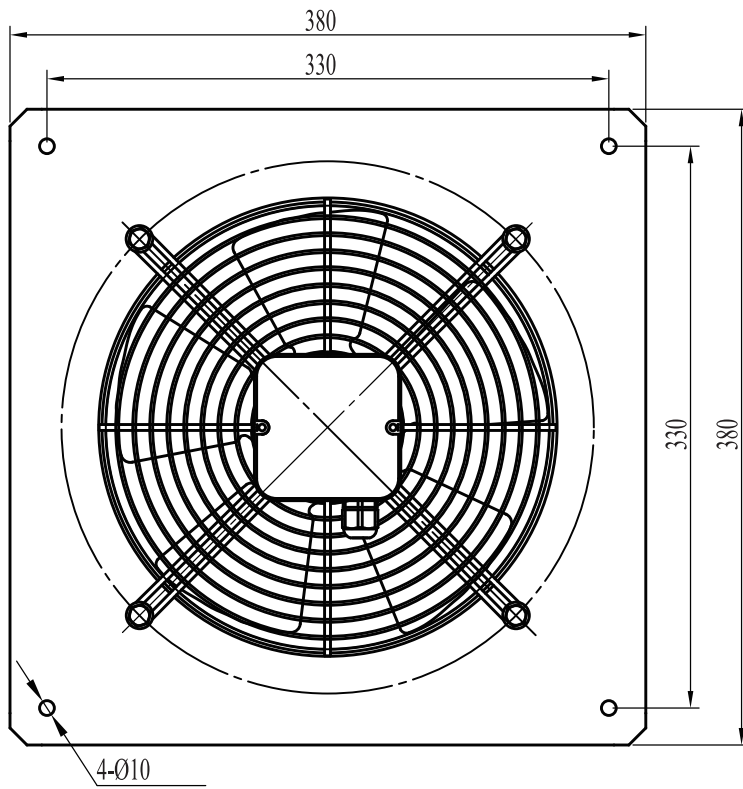
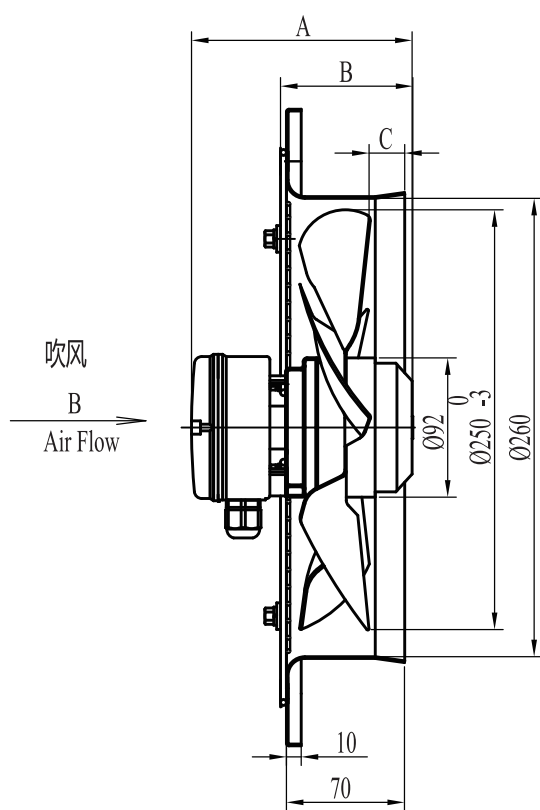
Model NO.C	Dimension(mm)	
	A	B
LWAA4D(E)250S(B)-5CB-XX	145	110
LWAA2D(E)250S(B)-5CB-XX	155	120



Model NO.D	Dimension(mm)		
	A	B	C
LWAA4D(E)250S(B)-5DB-XX	145	34	18
LWAA2D(E)250S(B)-5DB-XX	155	44	28



Model NO.H	Dimension(mm)
	A
LWAA4D(E)250S(B)-5HB-XX	41
LWAA2D(E)250S(B)-5HB-XX	31

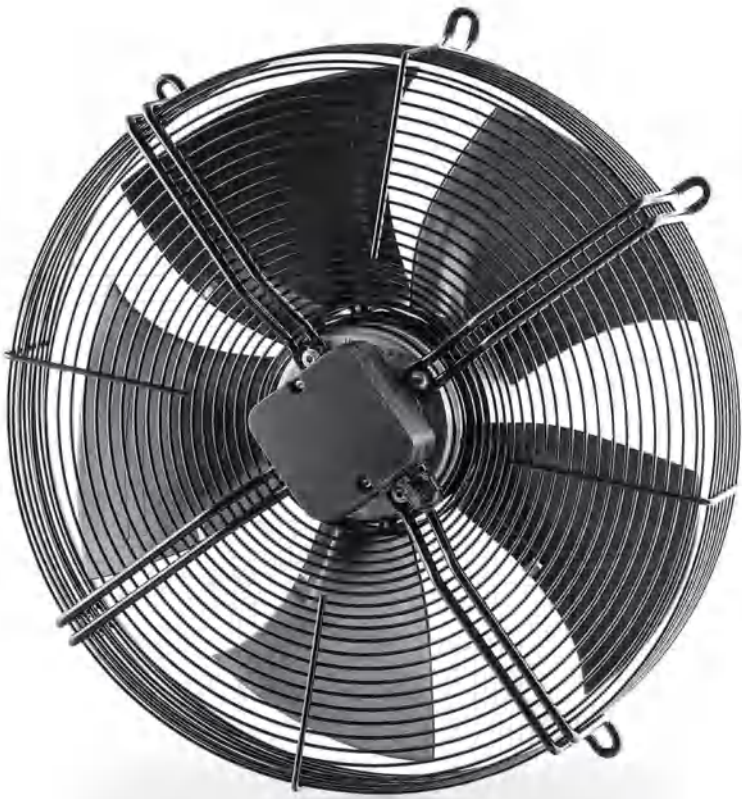


Model NO.G	Dimension(mm)		
	A	B	C
LWAA4D(E)250S(B)-5GB-XX	145	82.5	5.5
LWAA2D(E)250S(B)-5GB-XX	155	92.5	3

LWAA-300 Series

Product Characteristic

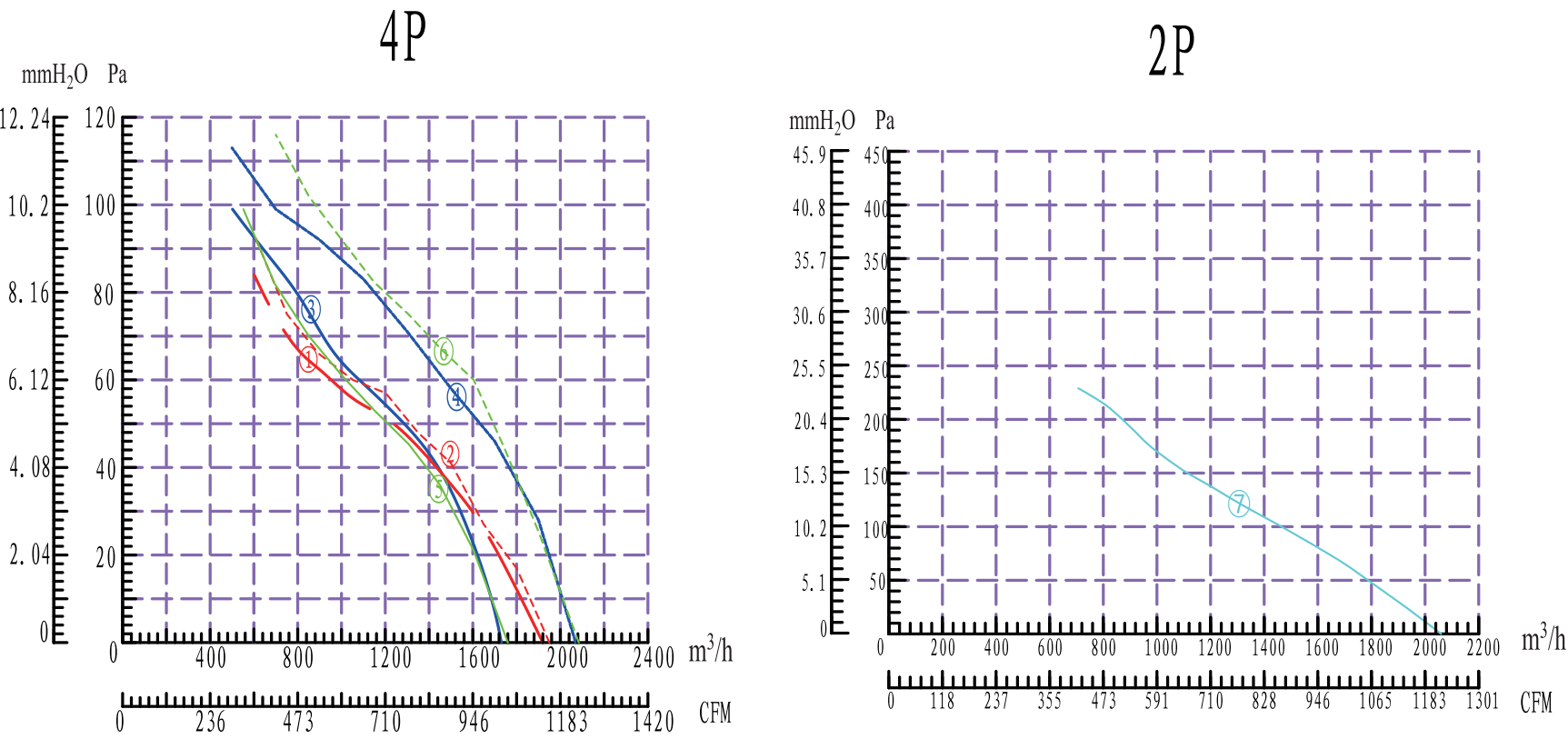
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D300S-5EB-07	220	50	0.48	100	1325	1920	60	2.5	60	3.2	①
LWAA4D300S-5EB-08	380	50	0.24	100	1360	1950	60	/	60	3.2	②
LWAA4E300S-5EB-09	220	50	0.42	92	1365	1730	60	2.5	60	3.2	③
LWAA4E300S-5EB-10	230	60	0.53	121	1552	2070	70	2.5	65	3.2	④
LWAA4D300S-5EB-11	380	50	0.24	90	1385	1760	60	/	60	3.2	⑤
LWAA4D300S-5EB-12	400	60	0.21	105	1615	2084	70	/	65	3.2	⑥
LWAA2D300S-5EB-13	380	50	0.50	250	2500	2065	100	/	70	3.3	⑦
LWAA2E300S-5EB-14	220	50	0.85	180	2300	2065	105	8	70	3.3	⑦

Flow Rate Curve

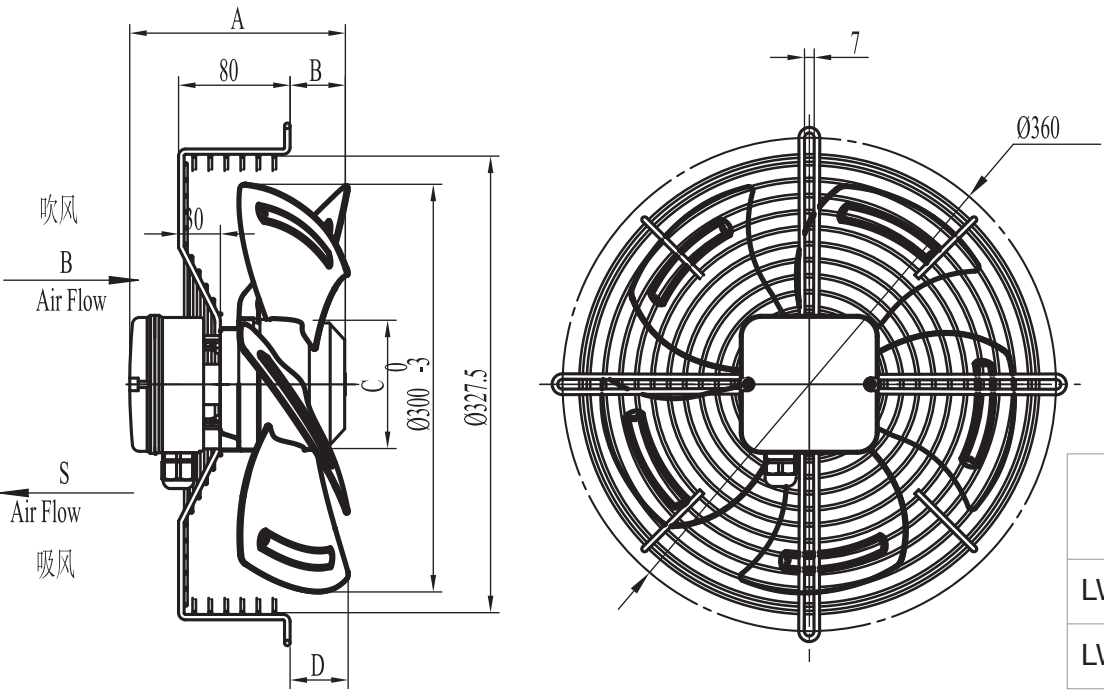


Installation Form Of The Fan

Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

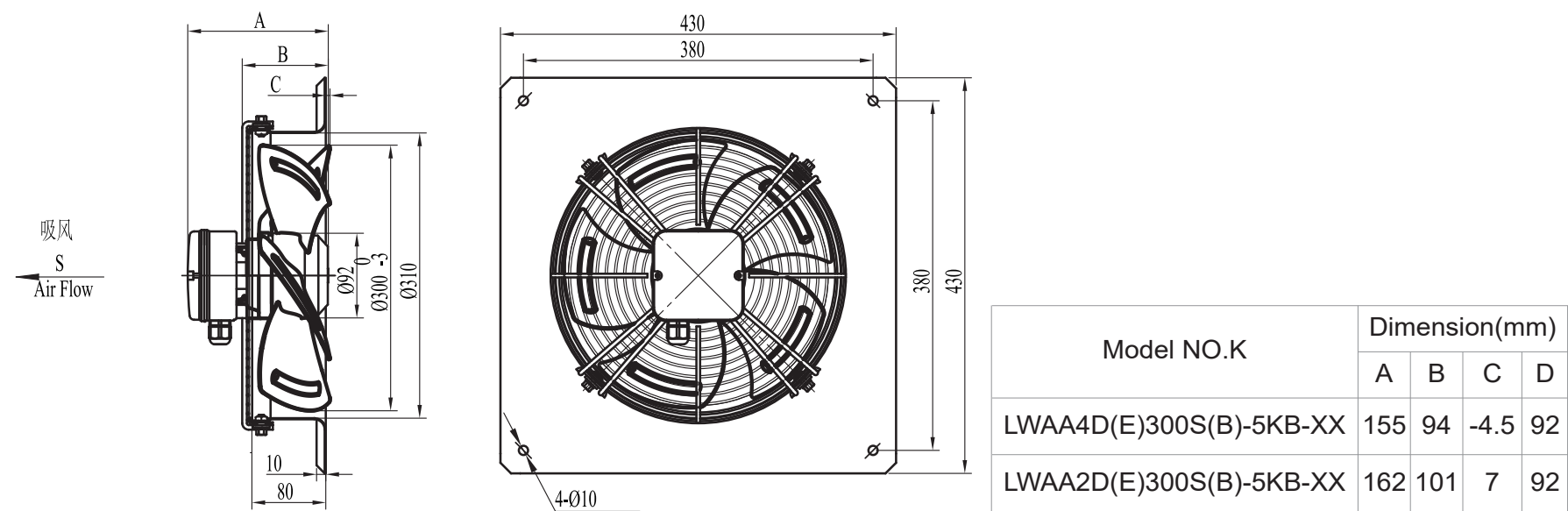
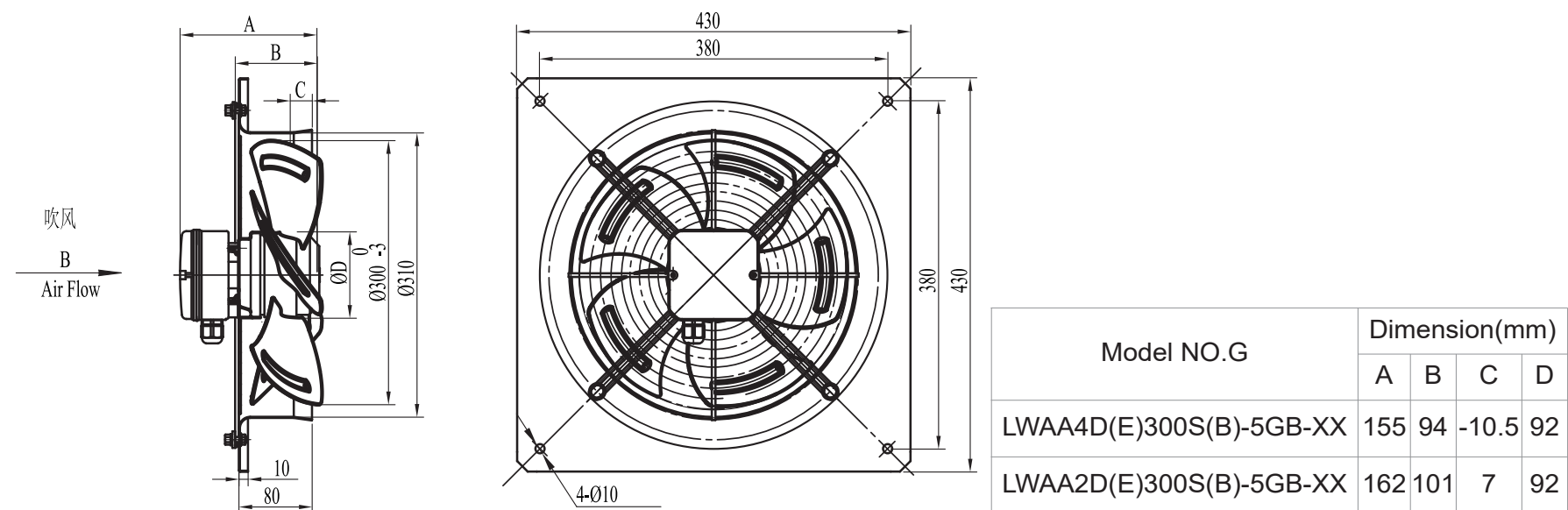
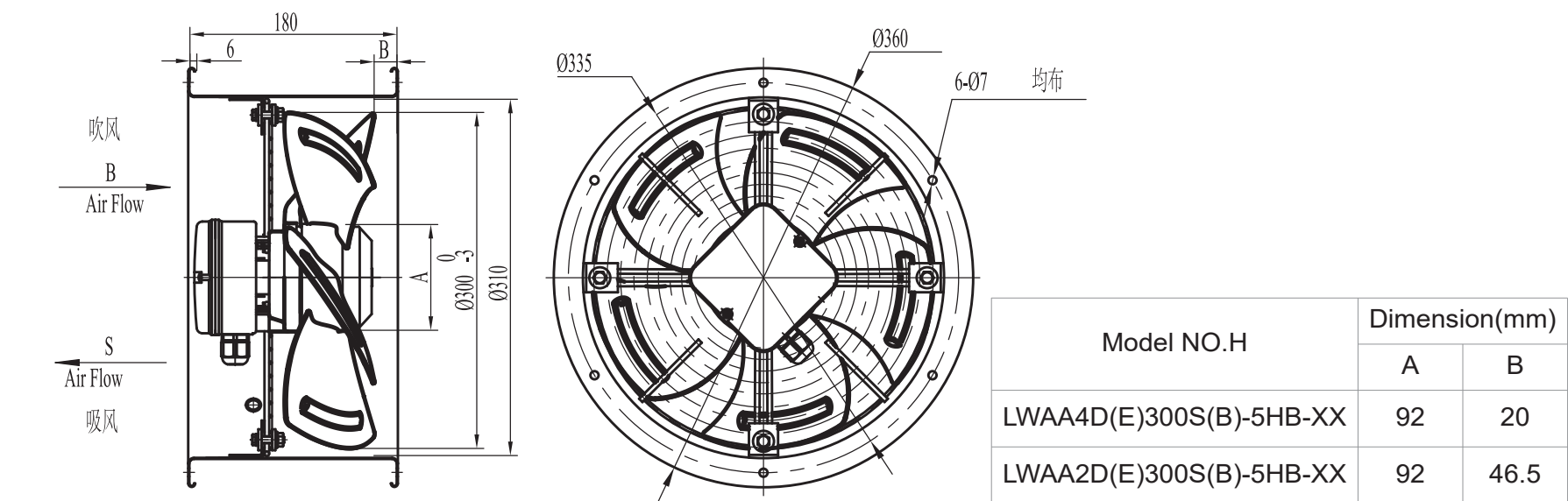
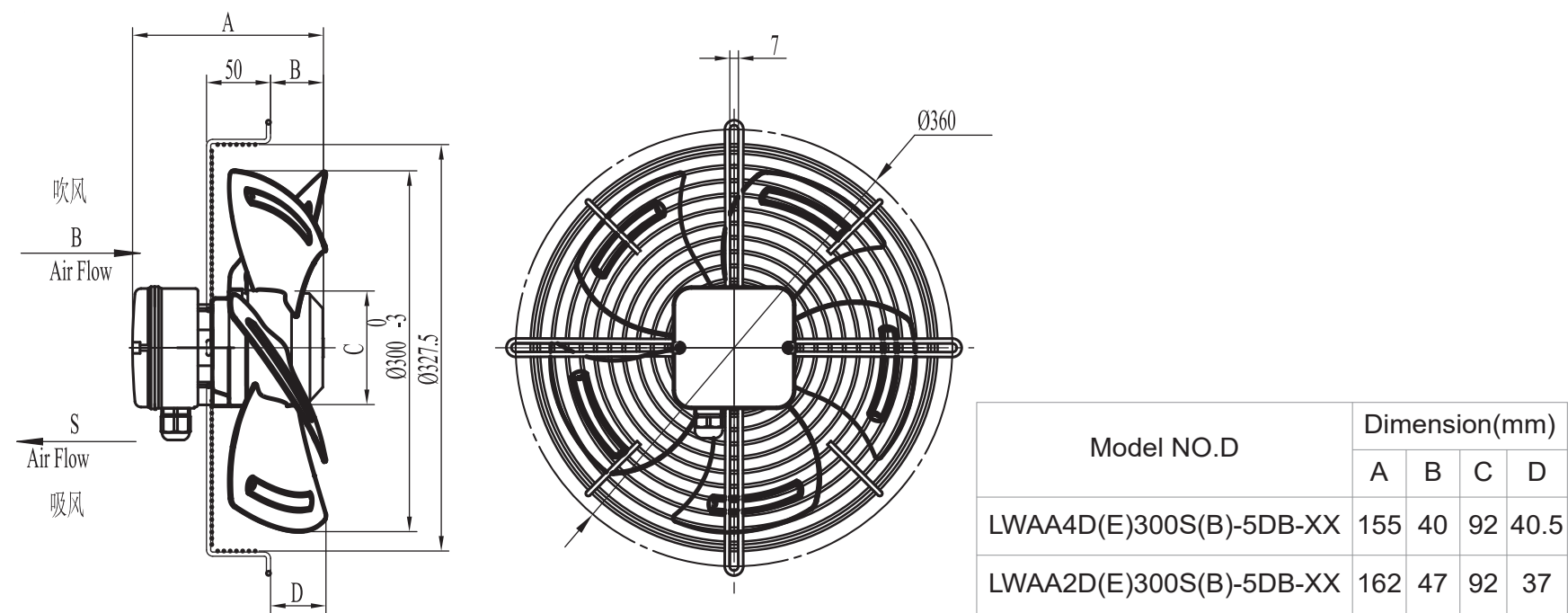
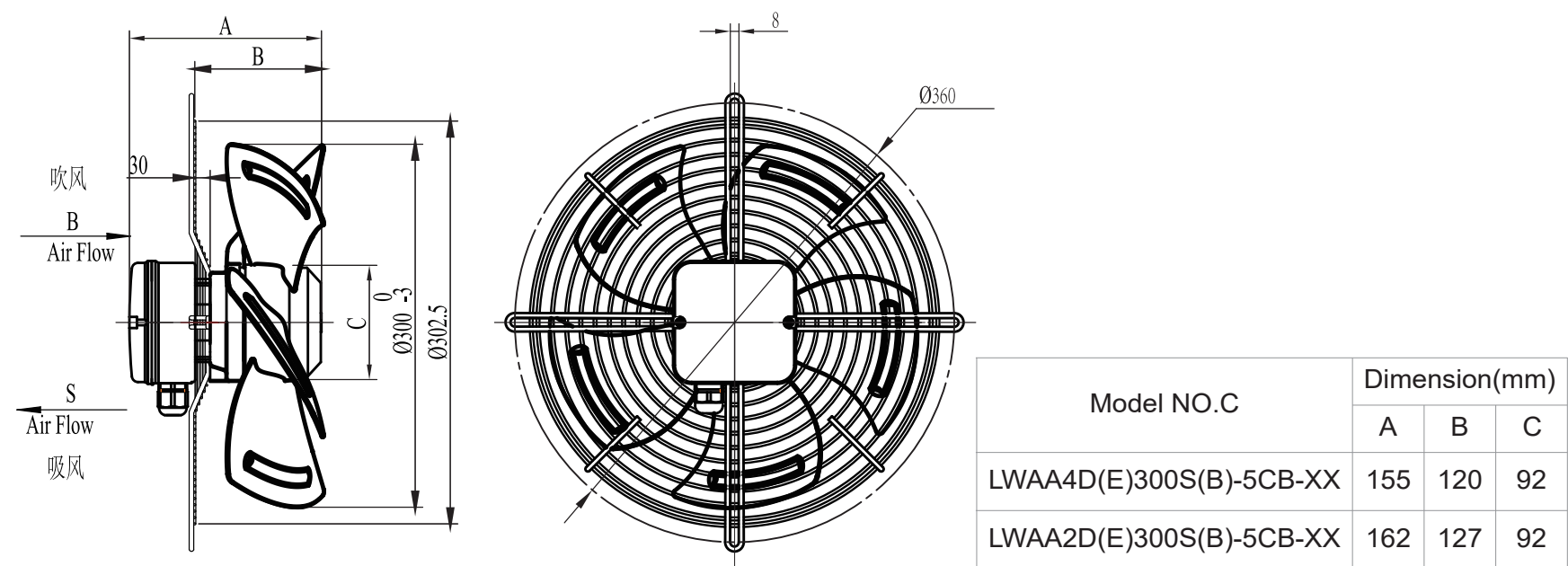
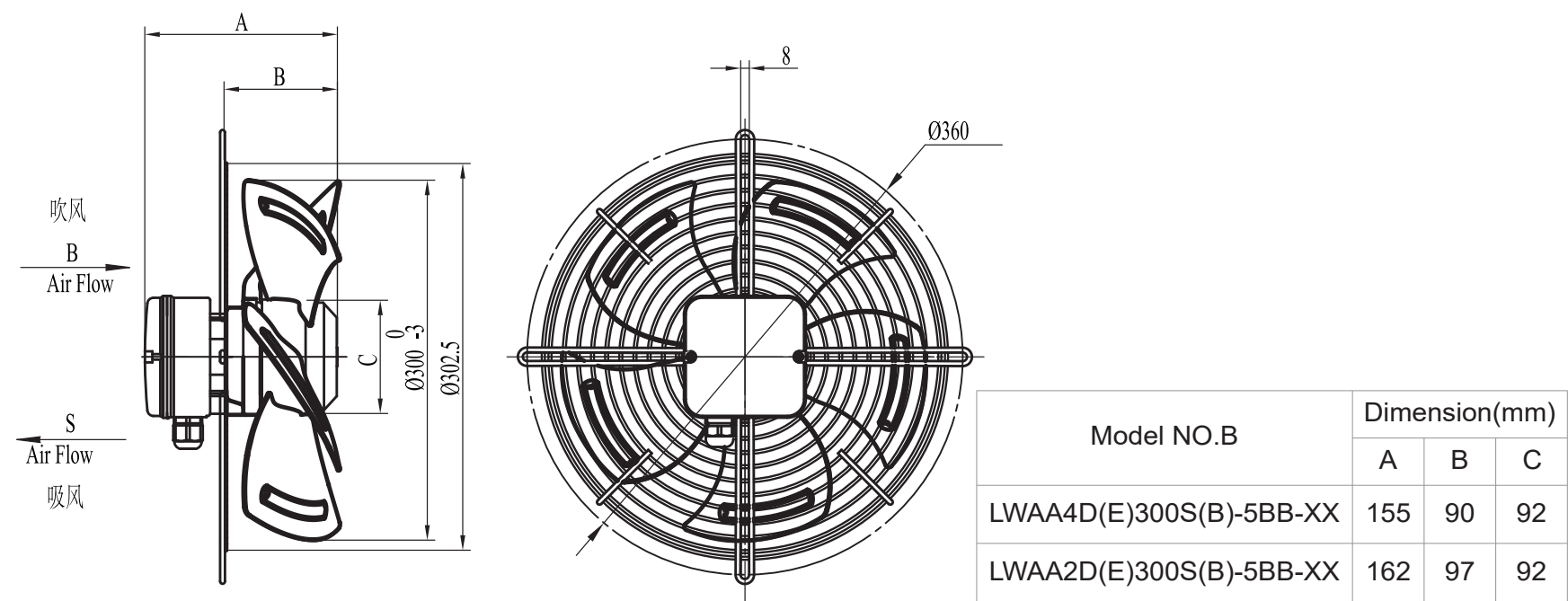
Product Drawing

Standard Version



Model NO.E	Dimension(mm)			
	A	B	C	D
LWAA4D(E)300S(B)-5EB-XX	155	40	92	40.5
LWAA2D(E)300S(B)-5EB-XX	162	47	92	37

Customization Available



LWAA-315 Series

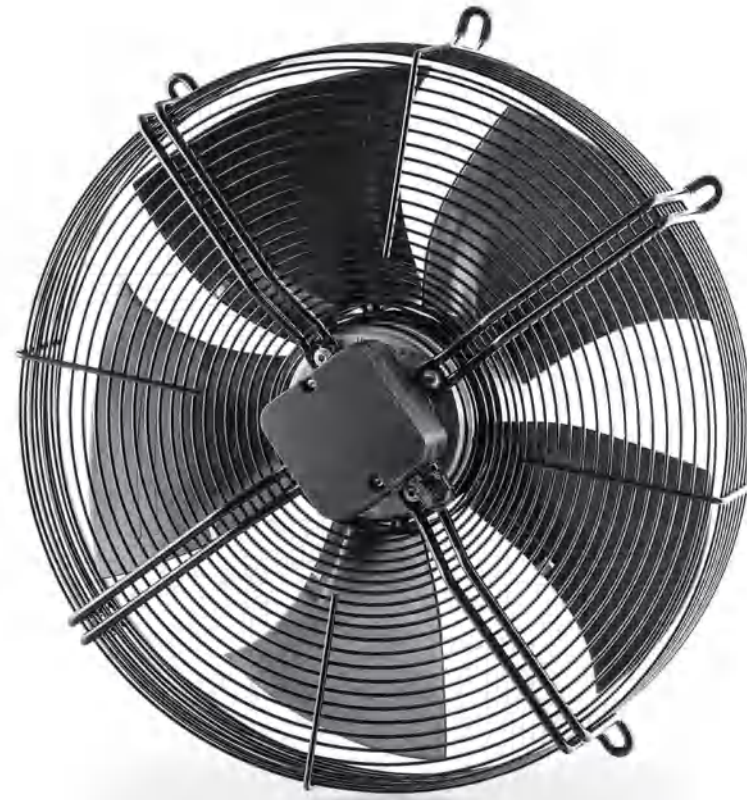
Product Characteristic

- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



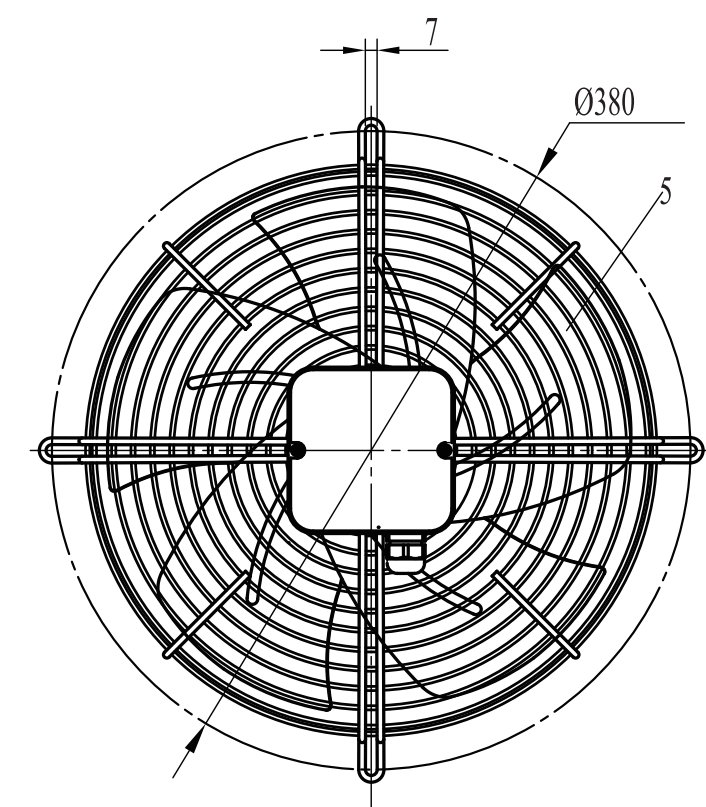
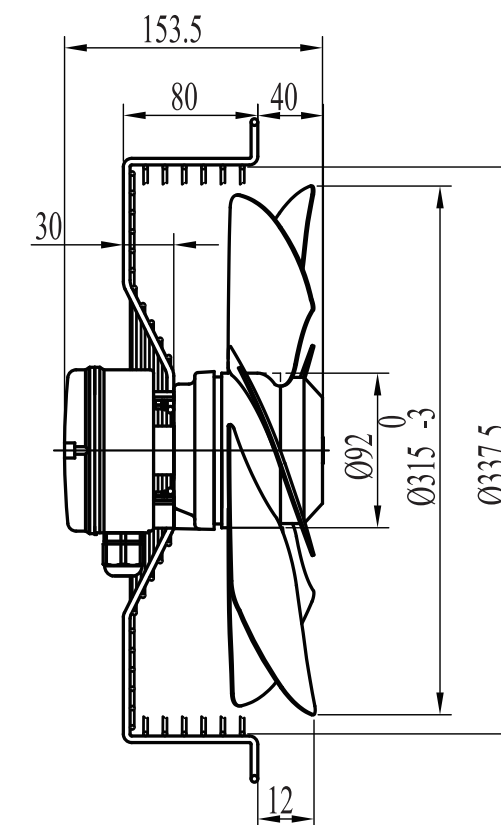
Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4E315S-5EB-01	220	50	0.40	85	1380	1475	65	2	62	3.8	①
LWAA4D315S-5EB-02	380	50	0.25	70	1400	1475	65	/	62	3.8	①
LWAA6E315S-5EB-03	220	50	0.29	60	950	800	45	3	52	3.8	②

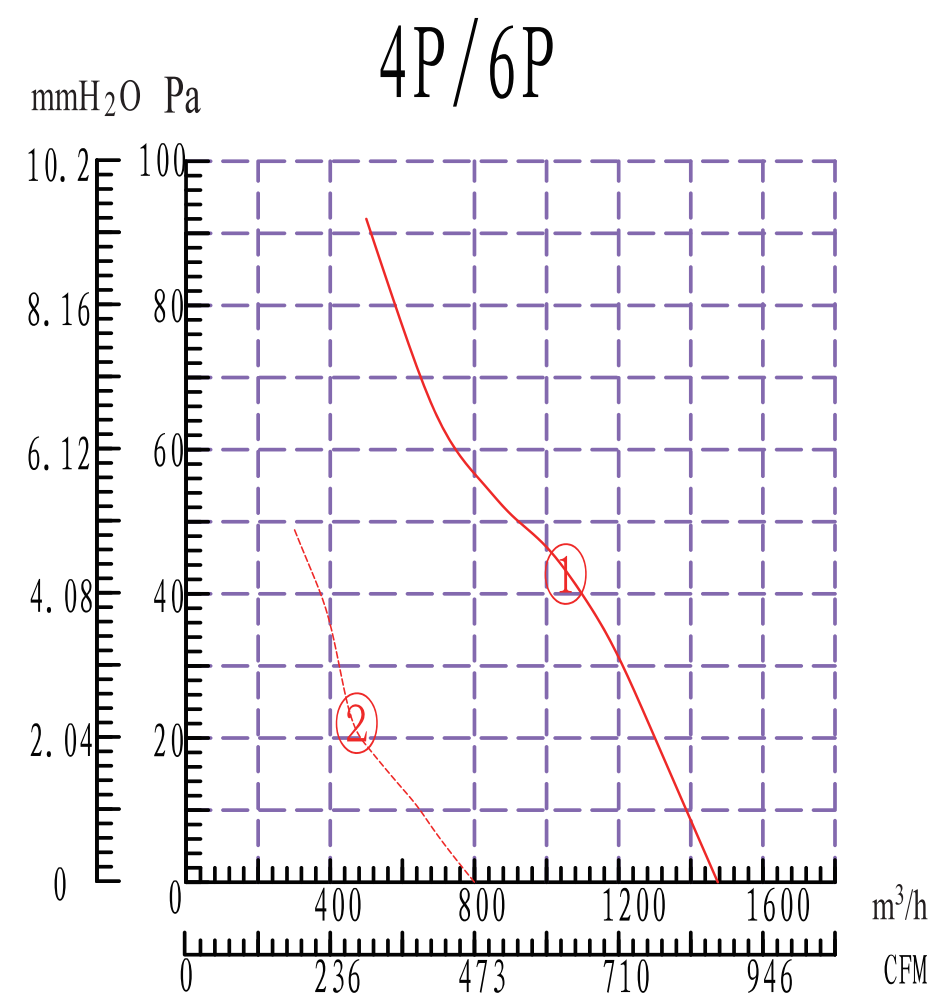


Product Drawing

External Rotor Axial Fan Φ315



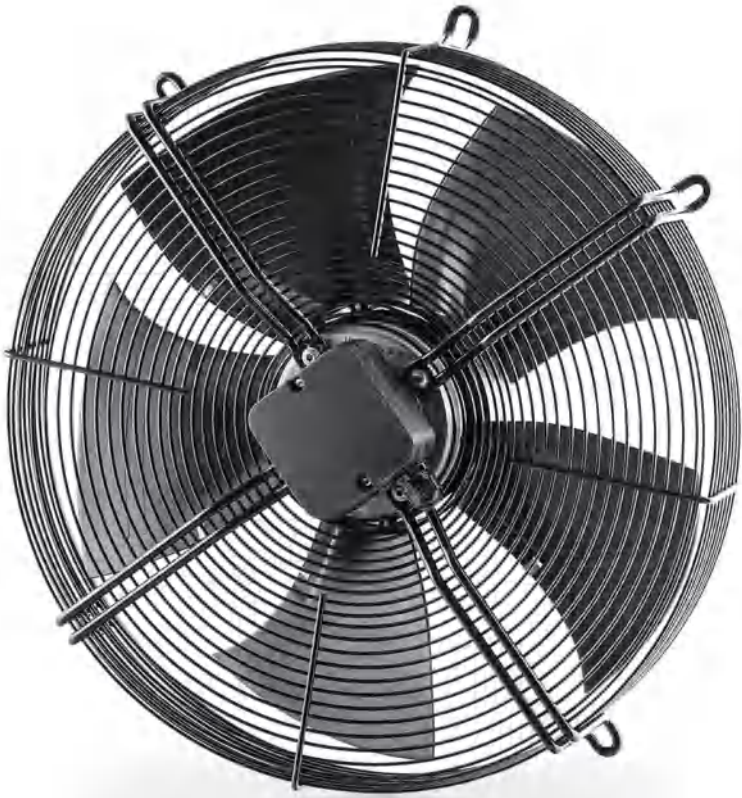
Flow Rate Curve



LWAA-350 Series

Product Characteristic

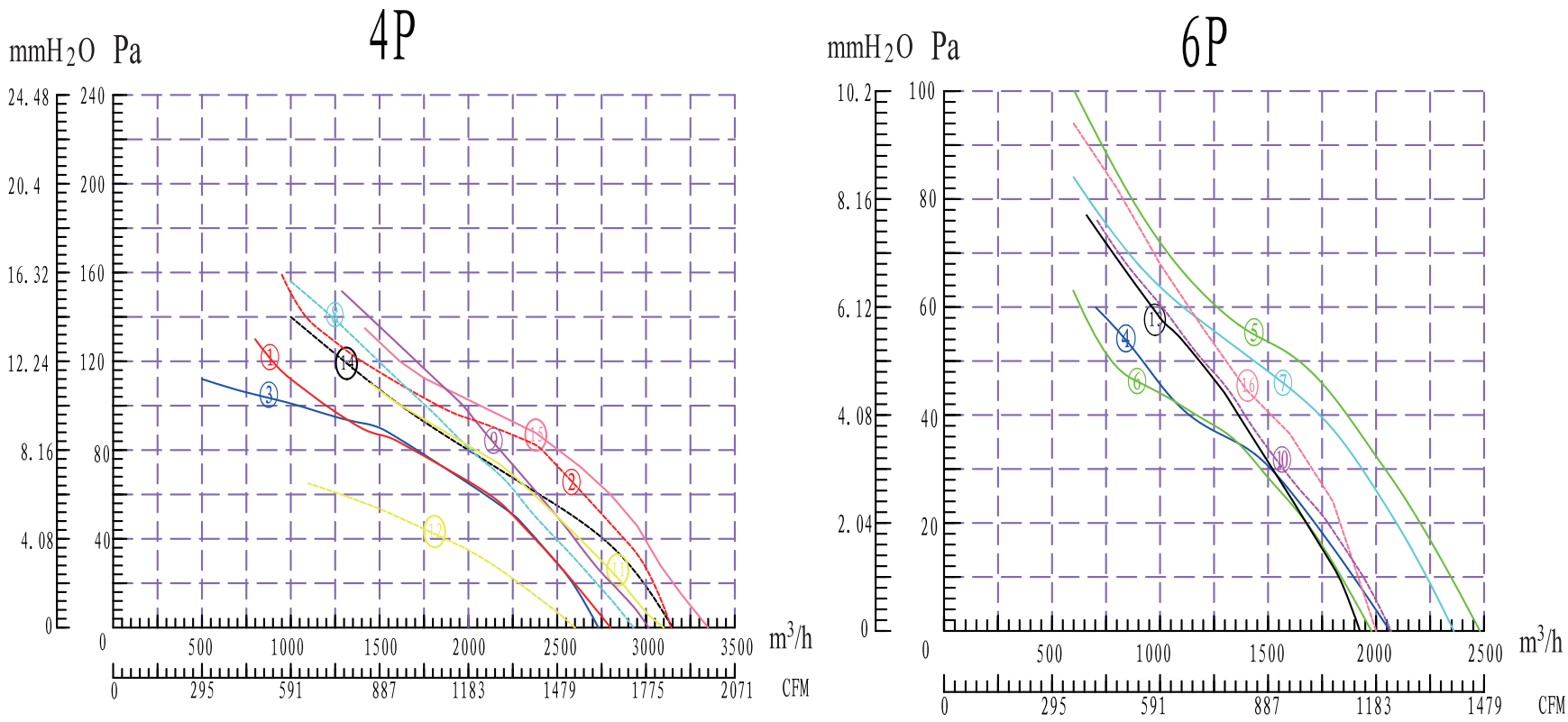
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D350S-5EB-09	380	50	0.45	150	1380	2350	90	/	65	4.6	①
LWAA4D350S-5EB-10	400	60	0.40	180	1600	2470	92	/	68	4.6	②
LWAA4E350S-5EB-11	220	50	0.70	150	1380	2350	90	4	65	4.6	①
LWAA4E350S-5EB-12	230	60	0.80	180	1600	2470	92	4	68	4.6	③
LWAA6D350S-5EB-13	380	50	0.42	105	955	2063	50	/	52	4.6	④
LWAA6D350S-5EB-14	400	60	0.32	106	1130	2479	55	/	58	4.6	⑤
LWAA6E350S-5EB-15	220	50	0.41	82	935	1977	50	2	52	4.6	⑥
LWAA6E350S-5EB-16	230	60	0.44	96	1100	2358	55	2	58	4.6	⑦
LWAA4E350S-5EB-17	220	50	0.78	170	1380	2935	80	6	70	4.6	⑧
LWAA4E350S-5EB-18	230	60	1.20	250	1600	3080	82	6	72	4.6	⑨
LWAA4D350S-5EB-19	380	50	0.38	150	1390	2935	65	/	72	4.6	⑧
LWAA6D350S-5EB-20	380	50	0.28	80	950	2065	80	/	58	4.4	⑩
LWAA6E350S-5EB-21	220	50	0.40	95	950	2065	80	4	58	4.4	⑩
LWAA4D350S-7EB-22	400(▲)	50	0.36	190	1350	3100	75	/	70	6.0	⑪
LWAA4D350S-7EB-23	400(Y)	50	0.23	131	990	2600	40	/	65	6.0	⑫
LWAA4E350S-7EB-24	220	50	1.01	216	1400	3100	60	5	71	6.0	⑪
LWAA6D350S-6EB-25	380	50	0.27	90	920	1925	70	/	60	5.2	⑬
LWAA6E350S-5EB-26	220	50	0.47	100	900	1925	70	/	60	5.2	⑬
LWAA4D350S-7EB-27	380	50	0.39	180	1350	3150	100	/	71	5.0	⑭
LWAA4D350S-7EB-28	400	60	0.45	230	1550	3300	100	/	73	5.0	⑮
LWAA4E350S-7EB-29	220	50	0.75	170	1330	3150	100	5	71	5.0	⑭
LWAA4E350S-7EB-30	230	60	1.15	250	1600	3300	100	5	73	5.4	⑮
LWAA6D350S-7EB-31	400	60	0.26	110	1100	2000	60	/	73	5.0	⑯
LWAA6E350S-7EB-32	230	60	0.40	95	1050	2000	50	2.5	73	5.0	⑯

Flow Rate Curve

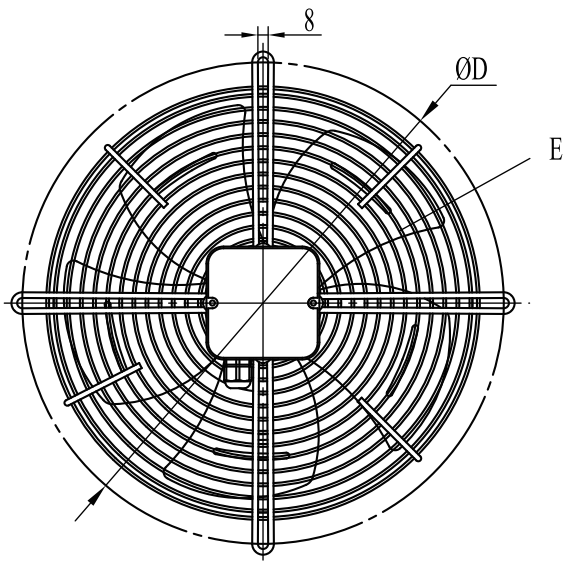
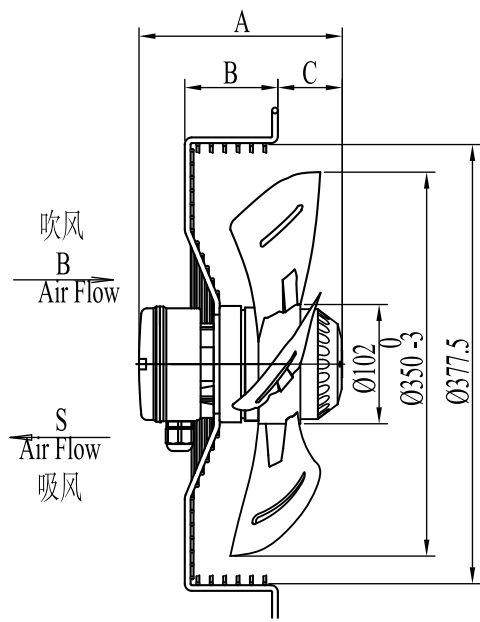


Installation Form Of The Fan

Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

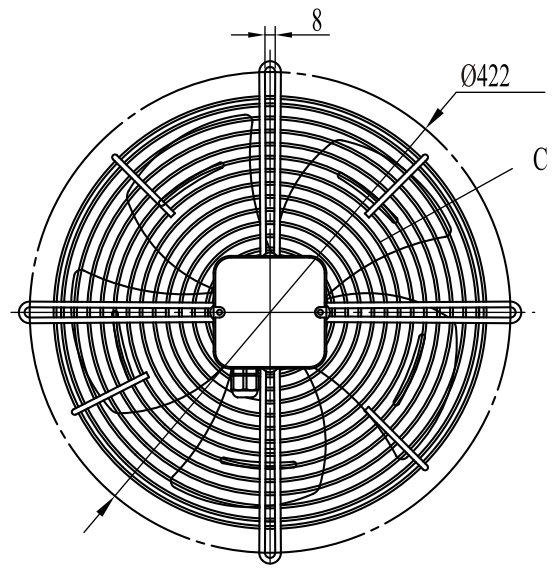
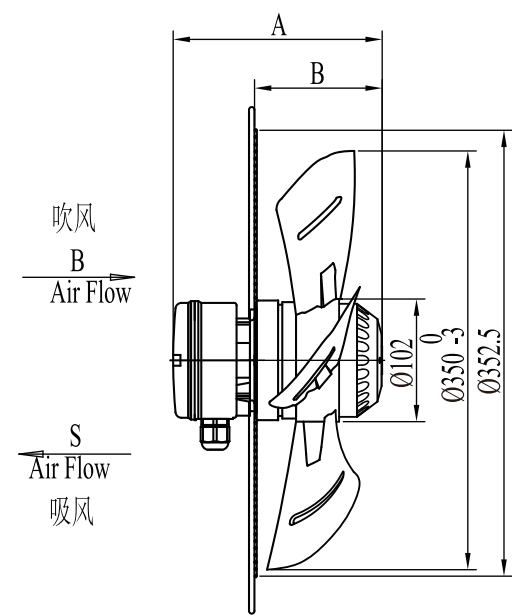
Product Drawing

Standard Version

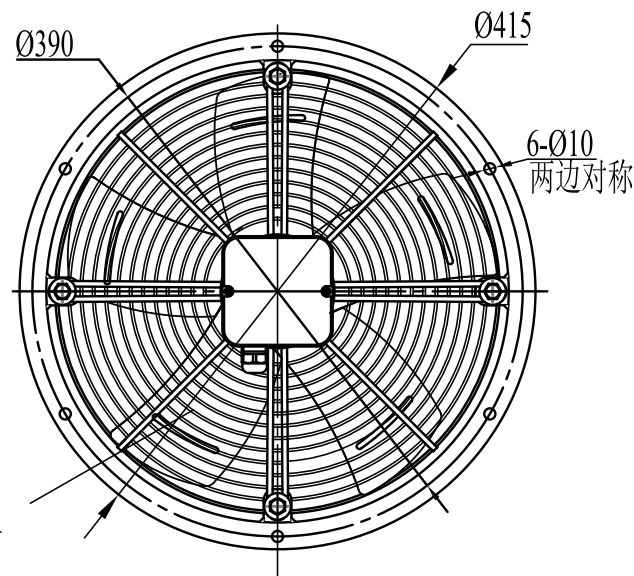
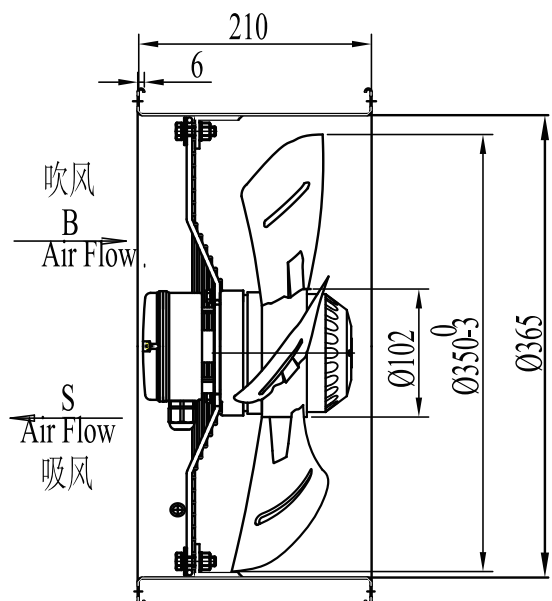


Model NO.E	Dimension(mm)				Blades
	A	B	C	D	
LWAA4D(E)350S(B)-5EB-XX	175.5	80	55.5	422	5
LWAA6D(E)350S(B)-5EB-XX	175.5	80	55.5	422	5
LWAA4D(E)350MS(B)-5EB-XX	187.5	80	62.5	422	5
LWAA6D(E)350MS(B)-5EB-XX	187.5	80	62.5	422	5
LWAA4D(E)350GS(B)-7EB-XX	187.5	79	63	395	7
LWAA6D(E)350TS(B)-7EB-XX	187.5	79	63	395	7
LWAA4D(E)350GS(B)-7EB-XX	175.5	80	55.5	422	7
LWAA6D(E)350TS(B)-7EB-XX	175.5	80	55.5	422	7

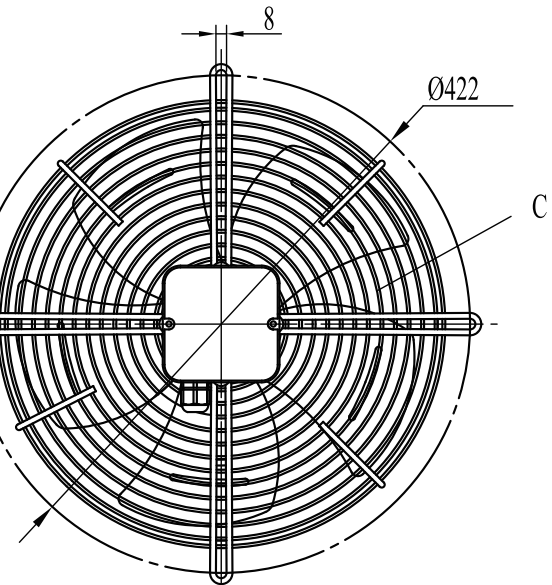
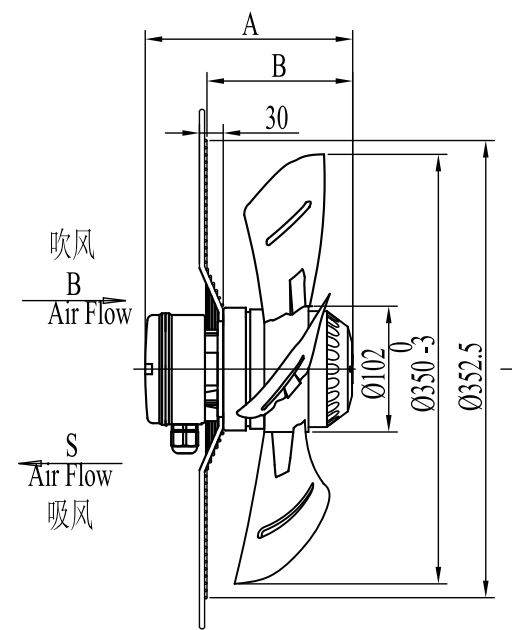
Customization Available



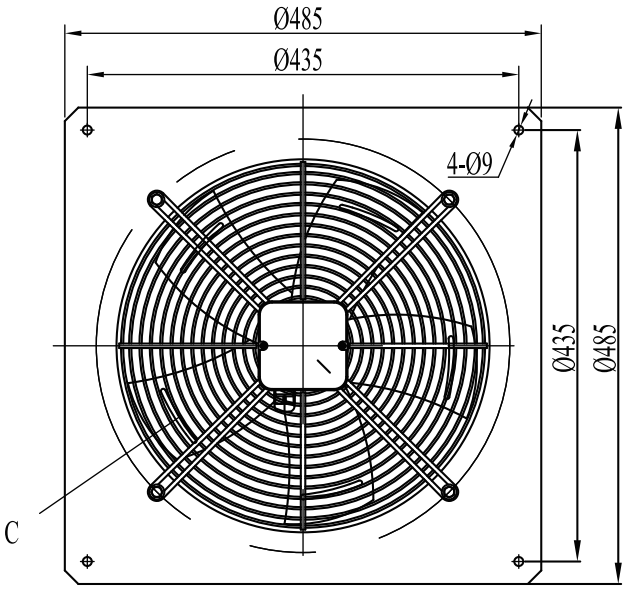
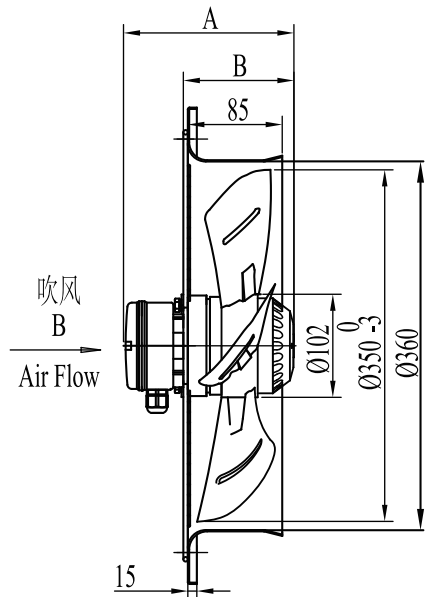
Model NO.B	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)350S(B)-5BB-XX	175.5	105.5	5	5
LWAA6D(E)350S(B)-5BB-XX	175.5	105.5	5	5
LWAA4D(E)350MS(B)-5BB-XX	187.5	117.5	5	5
LWAA6D(E)350MS(B)-5BB-XX	187.5	117.5	5	5
LWAA4D(E)350GS(B)-7BB-XX	187.5	117.5	7	7
LWAA6D(E)350TS(B)-7BB-XX	187.5	117.5	7	7
LWAA4D(E)350FS(B)-7BB-XX	175.5	105.5	7	7
LWAA6D(E)350FS(B)-7BB-XX	175.5	105.5	7	7



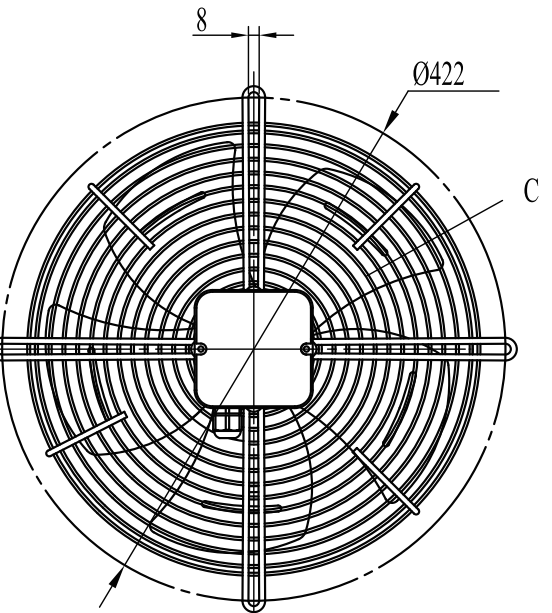
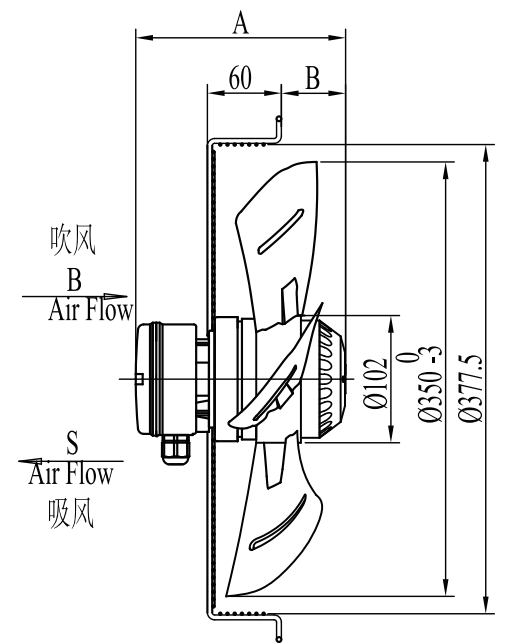
Model NO.H	Blades	
	A	
LWAA4D(E)350S(B)-5HB-XX	5	
LWAA6D(E)350S(B)-5BB-XX	5	
LWAA4D(E)350MS(B)-5HB-XX	5	
LWAA6D(E)350MS(B)-5HB-XX	5	
LWAA4D(E)350GS(B)-7HB-XX	7	
LWAA6D(E)350TS(B)-7HB-XX	7	
LWAA4D(E)350FS(B)-7HB-XX	7	
LWAA6D(E)350FS(B)-7HB-XX	7	



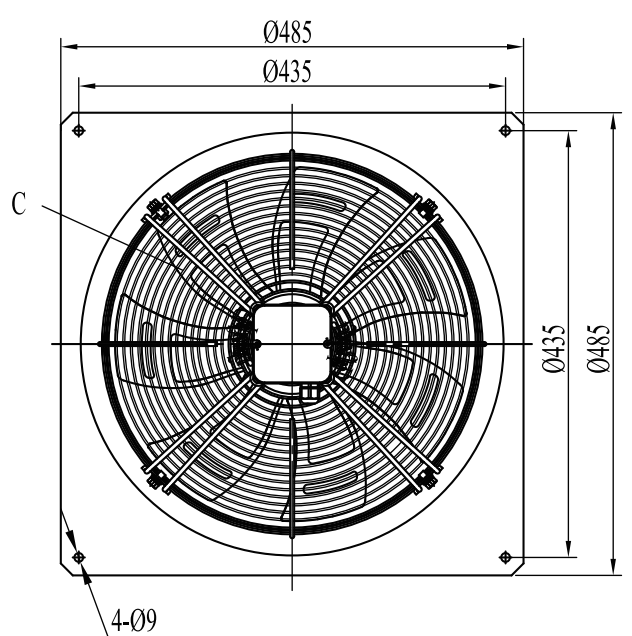
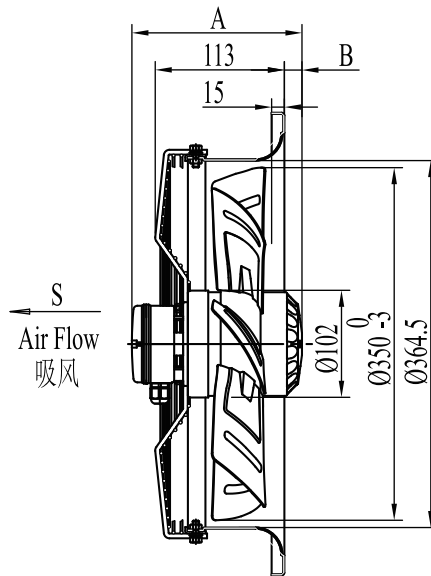
Model NO.C	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)350S(B)-5CB-XX	175.5	135.5	5	5
LWAA6D(E)350S(B)-5CB-XX	175.5	135.5	5	5
LWAA4D(E)350MS(B)-5CB-XX	187.5	147.5	5	5
LWAA6D(E)350MS(B)-5CB-XX	187.5	147.5	5	5
LWAA4D(E)350GS(B)-7CB-XX	187.5	147.5	7	7
LWAA6D(E)350TS(B)-7CB-XX	187.5	147.5	7	7
LWAA4D(E)350FS(B)-7CB-XX	175.5	135.5	7	7
LWAA6D(E)350FS(B)-7CB-XX	175.5	135.5	7	7



Model NO.G	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)350B-5GB-XX	175.5	110.5	5	5
LWAA6D(E)350B-5GB-XX	175.5	110.5	5	5
LWAA4D(E)350MB-5GB-XX	187.5	122.5	5	5
LWAA6D(E)350MB-5GB-XX	187.5	122.5	5	5
LWAA4D(E)350GB-7GB-XX	187.5	142.5	7	7
LWAA6D(E)350TB-7GB-XX	187.5	142.5	7	7
LWAA4D(E)350FB-7GB-XX	175.5	110.5	7	7
LWAA6D(E)350FB-7GB-XX	175.5	110.5	7	7



Model NO.D	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)350S(B)-5DB-XX	175.5	50.5	5	5
LWAA6D(E)350S(B)-5DB-XX	175.5	50.5	5	5
LWAA4D(E)350MS(B)-5DB-XX	187.5	67.5	5	5
LWAA6D(E)350MS(B)-5DB-XX	187.5	67.5	5	5
LWAA4D(E)350GS(B)-7DB-XX	187.5	67.5	7	7
LWAA6D(E)350TS(B)-7DB-XX	187.5	67.5	7	7
LWAA4D(E)350FS(B)-7DB-XX	175.5	50.5	7	7
LWAA6D(E)350FS(B)-7DB-XX	175.5	50.5	7	7



Model NO.K	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)350S-5KB-XX	175.5	18	5	5
LWAA6D(E)350S-5KB-XX	175.5	18	5	5
LWAA4D(E)350MS-5KB-XX	187.5	30	5	5
LWAA6D(E)350MS-5KB-XX	187.5	30	5	5
LWAA4D(E)350GS-7KB-XX	187.5	30	7	7
LWAA6D(E)350TS-7KB-XX	187.5	30	7	7
LWAA4D(E)350FS-7KB-XX	175.5	18	7	7
LWAA6D(E)350FS-7KB-XX	175.5	18	7	7

LWAA-380 Series

Product Characteristic

- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



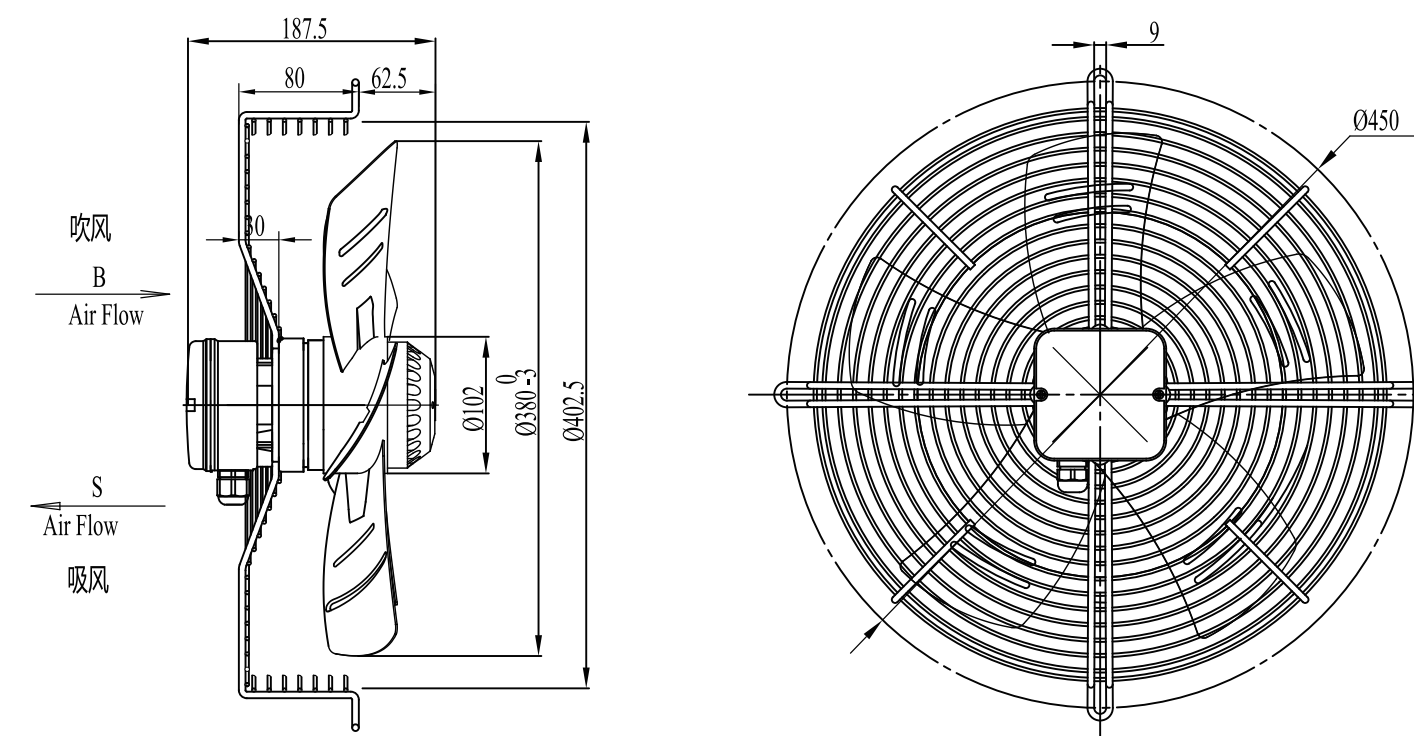
Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4E380S-5EB-01	220	50	1.00	200	1380	3645	92	6	65	4.9	①
LWAA4D380S-5EB-02	380	50	0.50	200	1400	3645	92	/	65	4.9	①

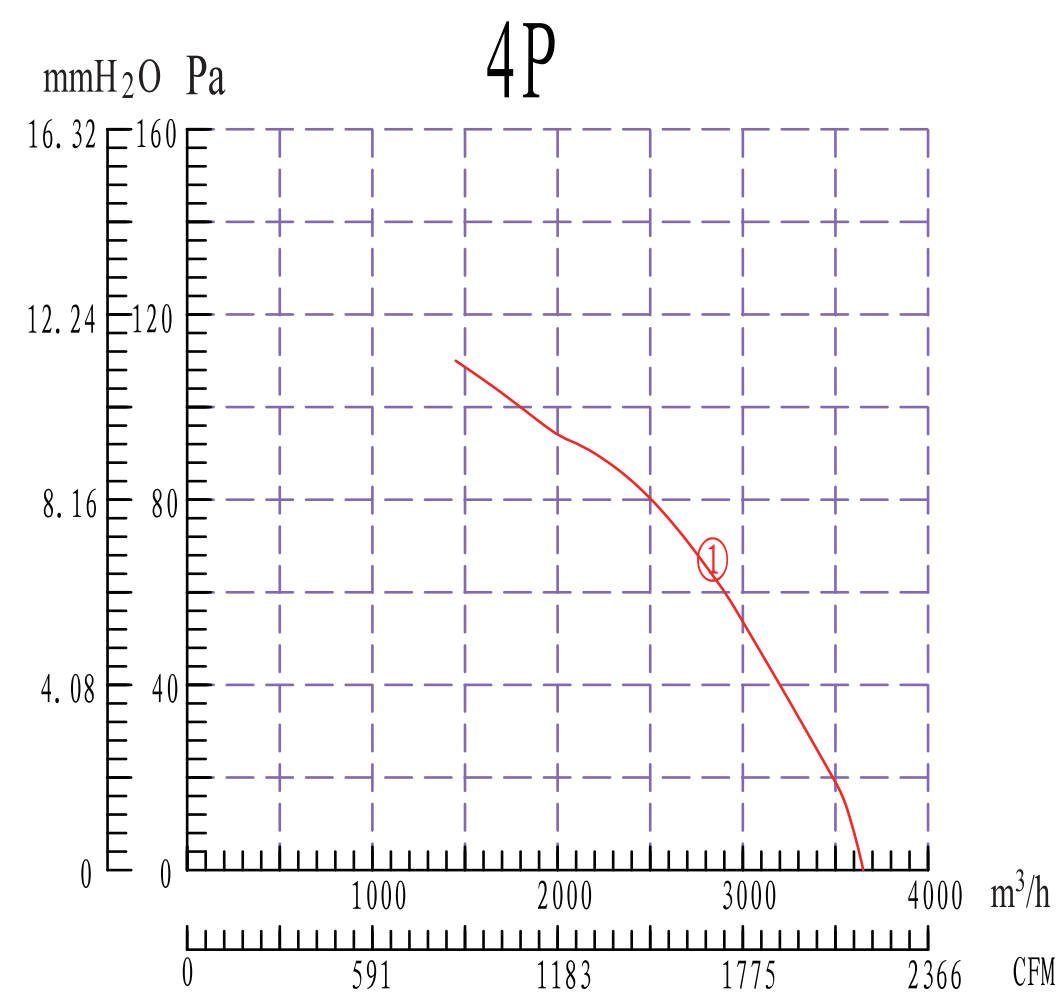


Product Drawing

External Rotor Axial Fan Φ380



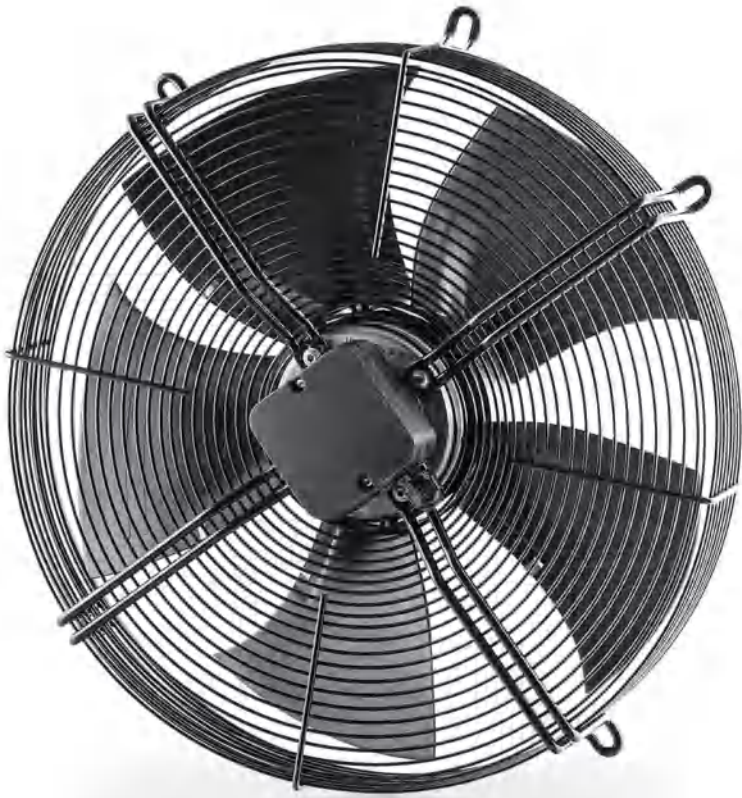
Flow Rate Curve



LWAA-400 Series

Product Characteristic

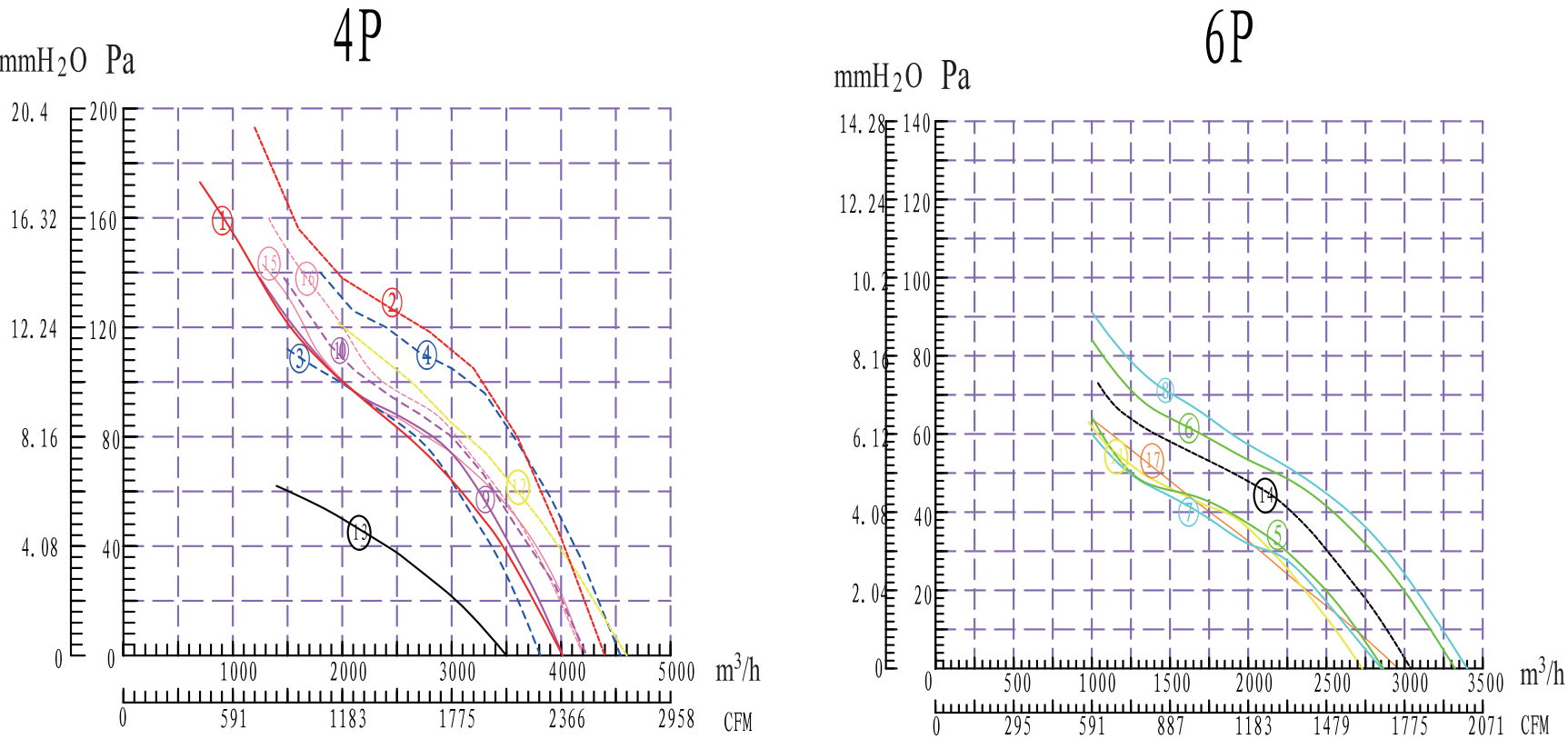
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



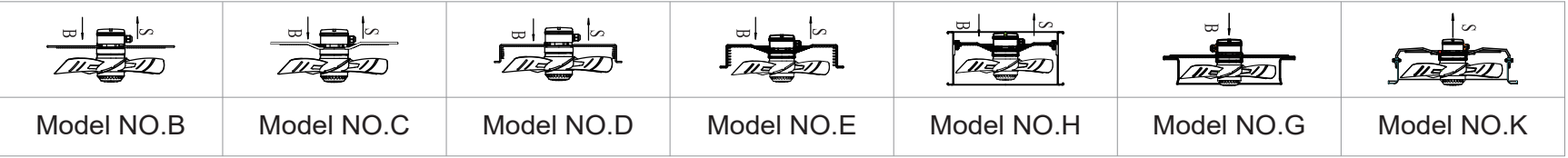
Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D400S-5EB-09	380	50	0.52	230	1350	4015	100	/	68	5.2	①
LWAA4D400S-5EB-10	400	60	0.70	330	1570	4400	105	/	70	5.2	②
LWAA4E400S-5EB-11	220	50	1.00	240	1370	3806	100	6	68	5.2	③
LWAA4E400S-5EB-12	230	60	1.47	350	1580	4540	90	5	70	5.2	④
LWAA6D400S-5EB-13	380	50	0.31	105	925	2863	55	/	58	5.2	⑤
LWAA6D400S-5EB-14	400	60	0.32	142	1055	3321	60	/	60	5.2	⑥
LWAA6E400S-5EB-15	220	50	0.76	130	935	2850	55	4	58	5.2	⑦
LWAA6E400S-5EB-16	230	60	0.68	145	1095	3400	60	4	60	5.2	⑧
LWAA4D400S-5EB-17	380	50	0.52	210	1380	4015	105	/	72	5.2	⑨
LWAA4D400S-5EB-18	400	60	0.60	300	1580	4215	95	/	74	5.2	⑩
LWAA4E400S-5EB-19	220	50	1.10	235	1320	4015	105	6	72	5.2	⑨
LWAA4E400S-5EB-20	230	60	1.50	350	1600	4215	95	8	74	5.2	⑩
LWAA6D400S-5EB-21	380	50	0.35	110	920	2735	70	6	62	5.0	⑪
LWAA4D400S-7EB-22	400(▲)	50	0.56	295	1320	4600	85	/	72	6.0	⑫
LWAA4D400S-7EB-23	400(Y)	50	0.32	179	940	3500	35	/	65	6.0	⑬
LWAA4E400S-7EB-24	220	50	1.46	325	1390	4700	75	4	72	6.0	⑫
LWAA6D400S-7EB-25	380	50	0.40	140	915	3040	70	/	60	5.5	⑭
LWAA6E400S-7EB-26	220	50	0.64	140	900	3040	70	5	60	5.6	⑭
LWAA4D400S-7EB-27	380	50	0.52	240	1330	4200	120	/	68	6.0	⑮
LWAA4D400S-7EB-28	400	60	0.55	300	1575	4200	100	/	75	6.0	⑯
LWAA4E400S-7EB-29	220	50	1.02	220	1350	4200	100	6	68	6.0	⑮
LWAA4E400S-7EB-30	230	60	1.50	330	1550	4200	90	8	70	6.0	⑯
LWAA6D400S-7EB-31	400	60	0.25	120	1050	2920	60	/	68	6.0	⑰
LWAA6E400S-7EB-32	230	60	0.50	115	1000	2920	60	3	70	6.6	⑰

Flow Rate Curve

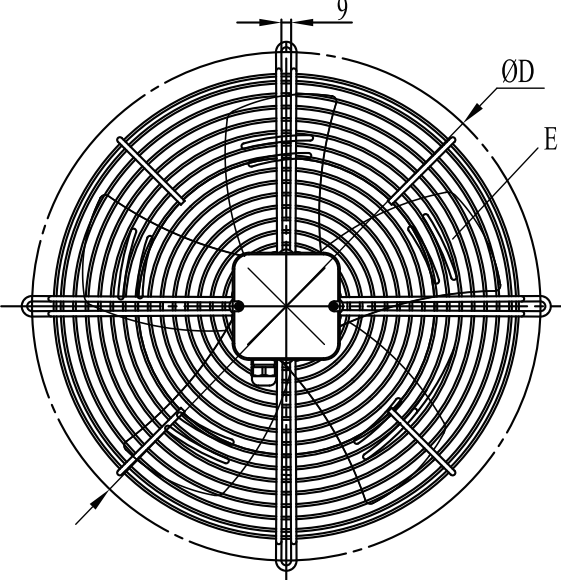
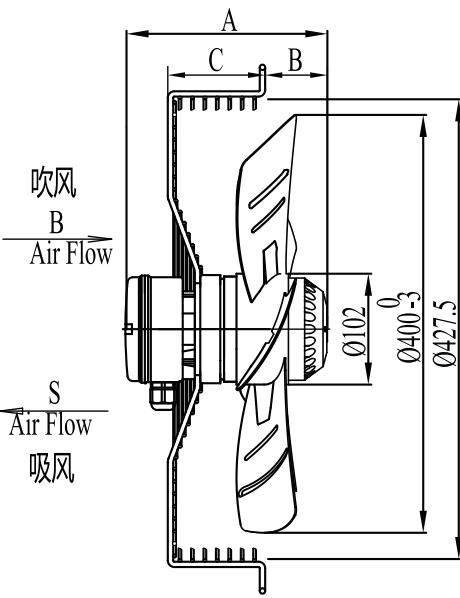


Installation Form Of The Fan



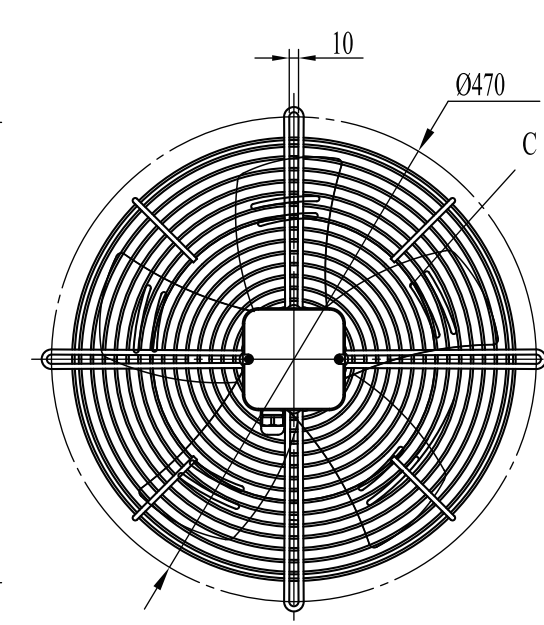
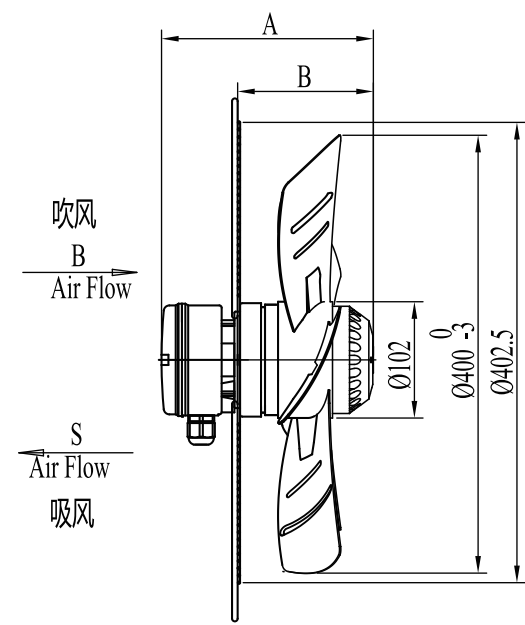
Product Drawing

Standard Version

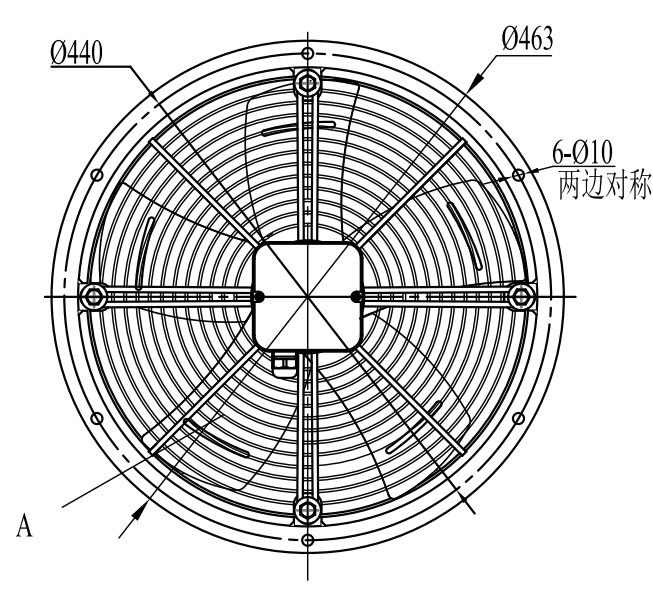
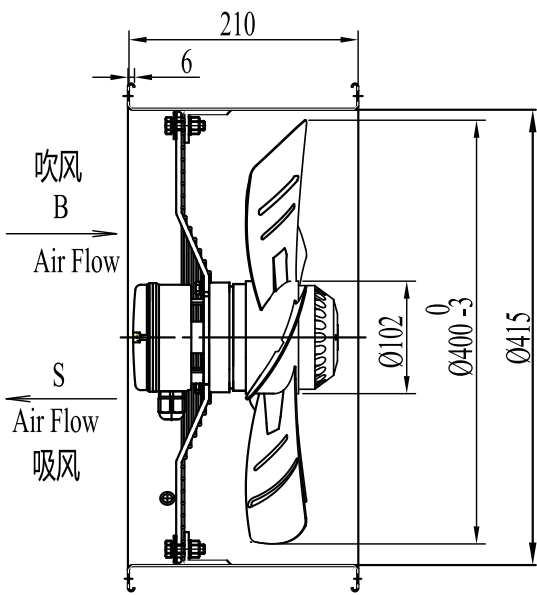


Model NO.E	Dimension(mm)				Blades
	A	B	C	D	
LWAA4D(E)400S(B)-5EB-XX	187.5	62.5	90	470	5
LWAA6D(E)400S(B)-5EB-XX	187.5	62.5	90	470	5
LWAA4D(E)400MS(B)-5EB-XX	200	75	90	470	5
LWAA6D(E)400MS(B)-5EB-XX	200	75	90	470	5
LWAA4D(E)400GS(B)-7EB-XX	200	75	102	455	7
LWAA6D(E)400TS(B)-6EB-XX	200	75	102	470	6
LWAA4D(E)400FS(B)-7EB-XX	187.5	62.5	90	470	7
LWAA6D(E)400FS(B)-7EB-XX	187.5	62.5	90	470	7

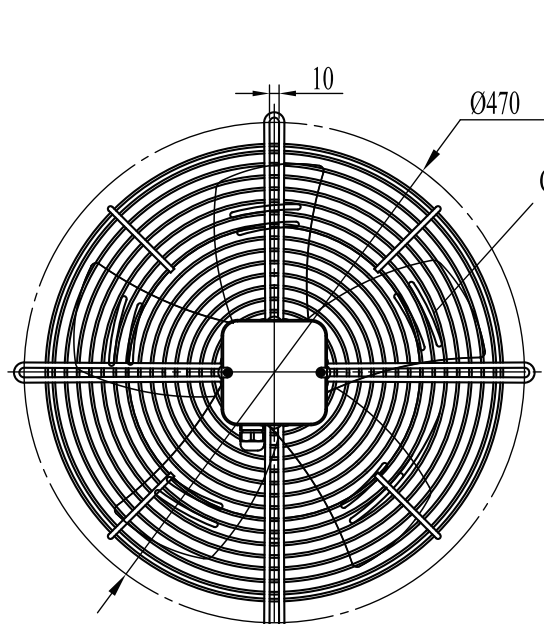
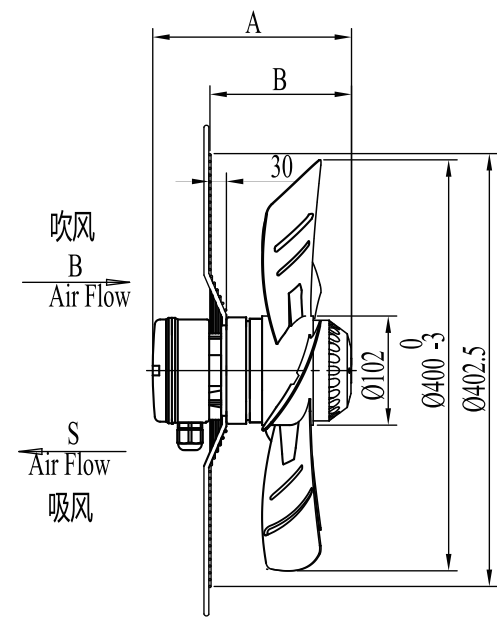
Customization Available



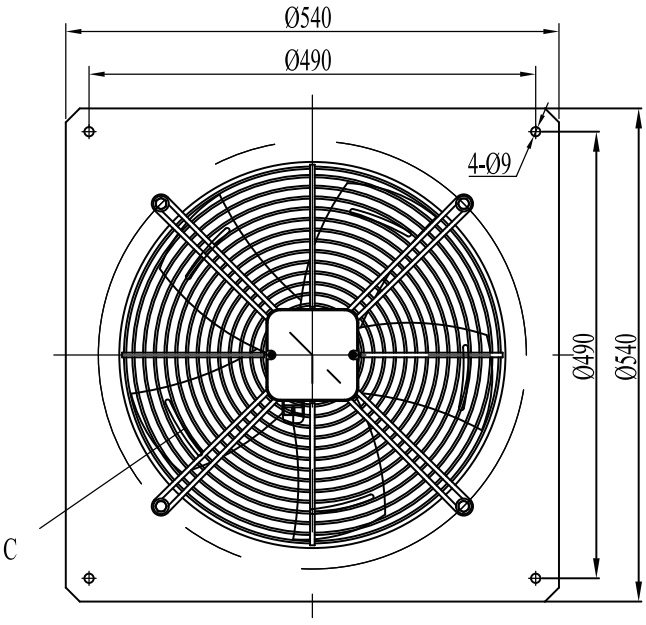
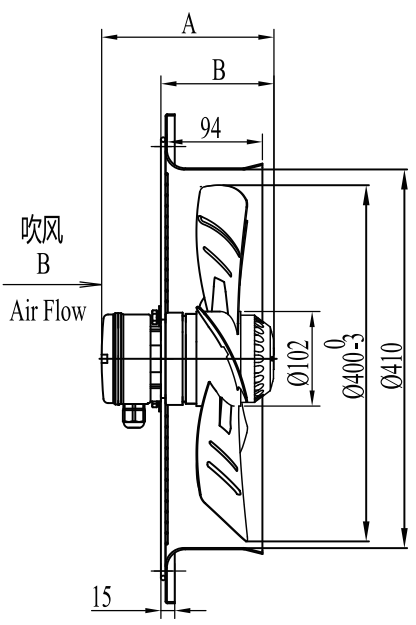
Model NO.B	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)400S(B)-5BB-XX	187.5	117.5	5	5
LWAA6D(E)400S(B)-5BB-XX	187.5	117.5	5	5
LWAA4D(E)400MS(B)-5BB-XX	200	130	5	5
LWAA6D(E)400MS(B)-5BB-XX	200	130	5	5
LWAA4D(E)400GS(B)-7BB-XX	200	130	7	7
LWAA6D(E)400TS(B)-6BB-XX	187.5	117.5	6	6
LWAA4D(E)400FS(B)-7BB-XX	187.5	117.5	7	7
LWAA6D(E)400FS(B)-7BB-XX	187.5	117.5	7	7



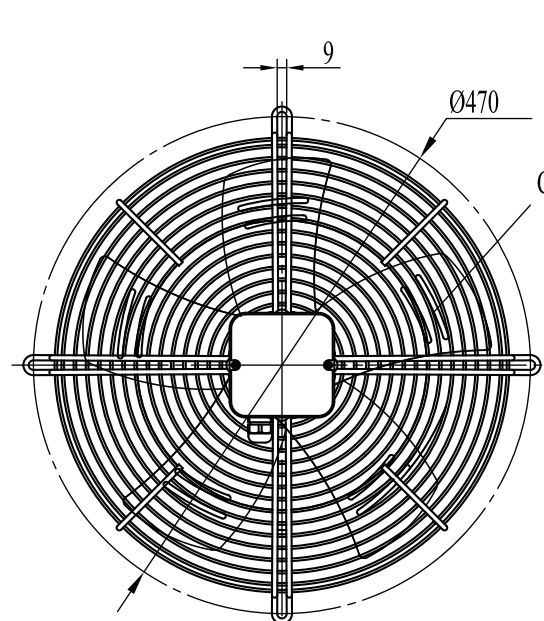
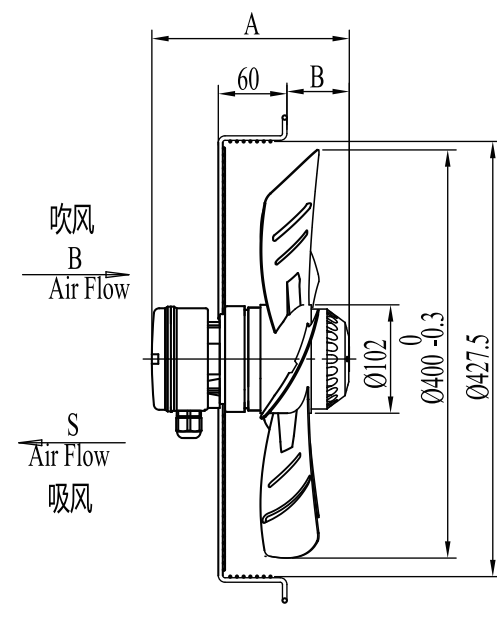
Model NO.H	Blades	
	A	
LWAA4D(E)400S(B)-5HB-XX	5	
LWAA6D(E)400S(B)-5HB-XX	5	
LWAA4D(E)400MS(B)-5HB-XX	5	
LWAA6D(E)400MS(B)-5HB-XX	5	
LWAA4D(E)400GS(B)-7HB-XX	7	
LWAA6D(E)400TS(B)-6HB-XX	6	
LWAA4D(E)400FS(B)-7HB-XX	7	
LWAA6D(E)400FS(B)-7HB-XX	7	



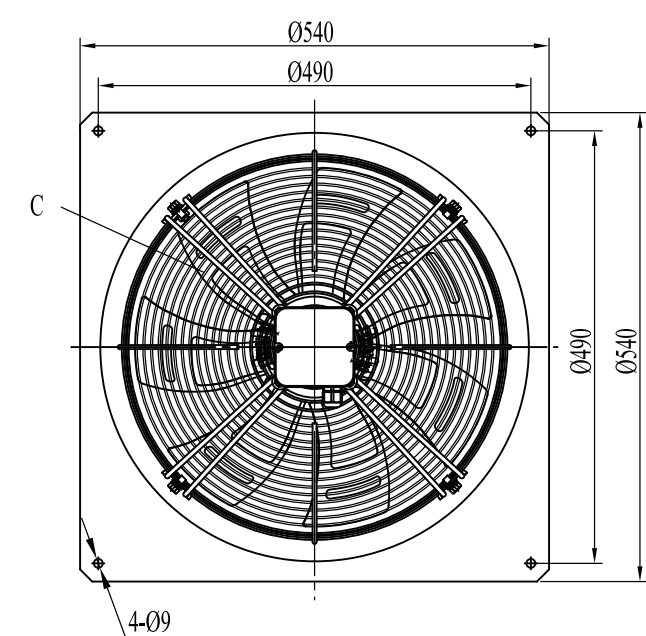
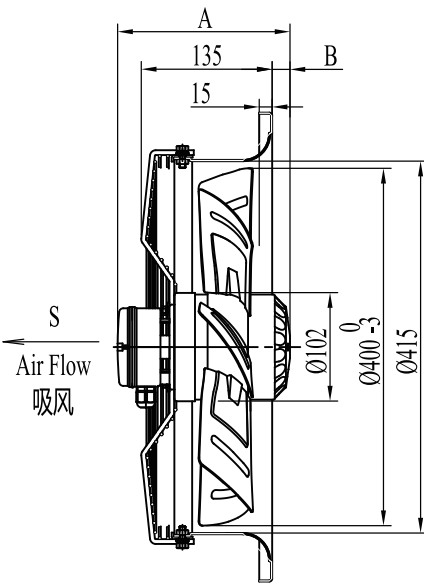
Model NO.C	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)400S(B)-5CB-XX	187.5	152.5	5	5
LWAA6D(E)400S(B)-5CB-XX	187.5	152.5	5	5
LWAA4D(E)400MS(B)-5CB-XX	200	165	5	5
LWAA6D(E)400MS(B)-5CB-XX	200	165	5	5
LWAA4D(E)400GS(B)-7CB-XX	200	165	7	7
LWAA6D(E)400TS(B)-6CB-XX	187.5	152.5	6	6
LWAA4D(E)400FS(B)-7CB-XX	187.5	152.5	7	7
LWAA6D(E)400FS(B)-7CB-XX	187.5	152.5	7	7



Model NO.G	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)400B-5GB-XX	187.5	122.5	5	5
LWAA6D(E)400B-5GB-XX	187.5	122.5	5	5
LWAA4D(E)400MB-5GB-XX	200	135	5	5
LWAA6D(E)400MB-5GB-XX	200	135	5	5
LWAA4D(E)400GB-7GB-XX	200	156.5	7	7
LWAA6D(E)400TB-6GB-XX	187.5	179.5	6	6
LWAA4D(E)400FB-7GB-XX	187.5	144	7	7
LWAA6D(E)400FB-7GB-XX	187.5	144	7	7



Model NO.D	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)400S(B)-5DB-XX	187.5	62.5	5	5
LWAA6D(E)400S(B)-5DB-XX	187.5	62.5	5	5
LWAA4D(E)400MS(B)-5DB-XX	200	75	5	5
LWAA6D(E)400MS(B)-5DB-XX	200	75	5	5
LWAA4D(E)400GS(B)-7DB-XX	200	62	7	7
LWAA6D(E)400TS(B)-6DB-XX	187.5	62.5	6	6
LWAA4D(E)400FS(B)-7DB-XX	187.5	62.5	7	7
LWAA6D(E)400FS(B)-7DB-XX	187.5	62.5	7	7

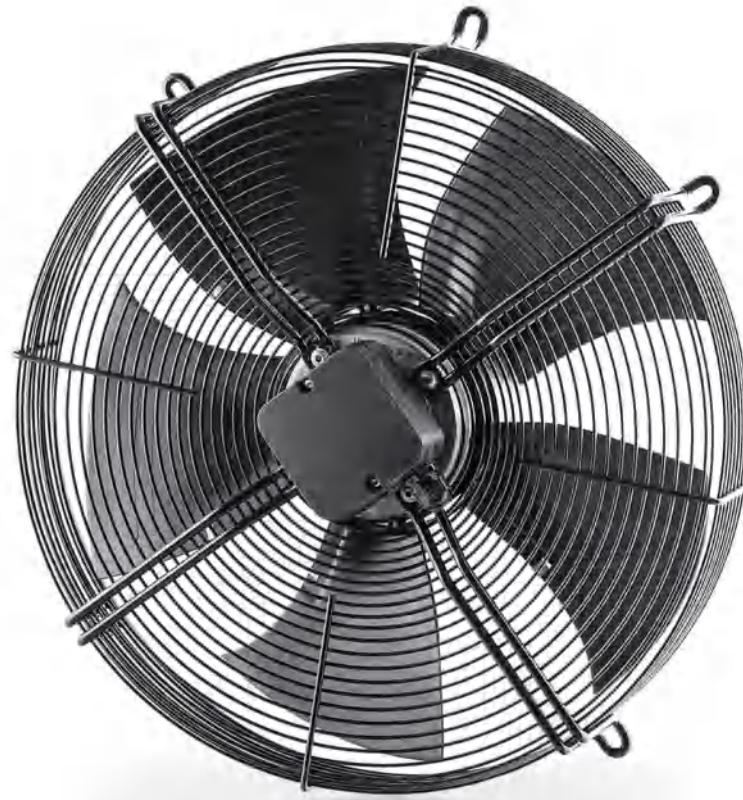


Model NO.K	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)400S-5KB-XX	187.5	9	5	5
LWAA6D(E)400S-5KB-XX	187.5	9	5	5
LWAA4D(E)400MS-5KB-XX	200	21.5	5	5
LWAA6D(E)400MS-5KB-XX	200	21.5	5	5
LWAA4D(E)400GS-7KB-XX	200	21.5	7	7
LWAA6D(E)400TS-6KB-XX	187.5	9	6	6
LWAA4D(E)400FS-7KB-XX	187.5	9	7	7
LWAA6D(E)400FS-7KB-XX	187.5	9	7	7

LWAA-420 Series

Product Characteristic

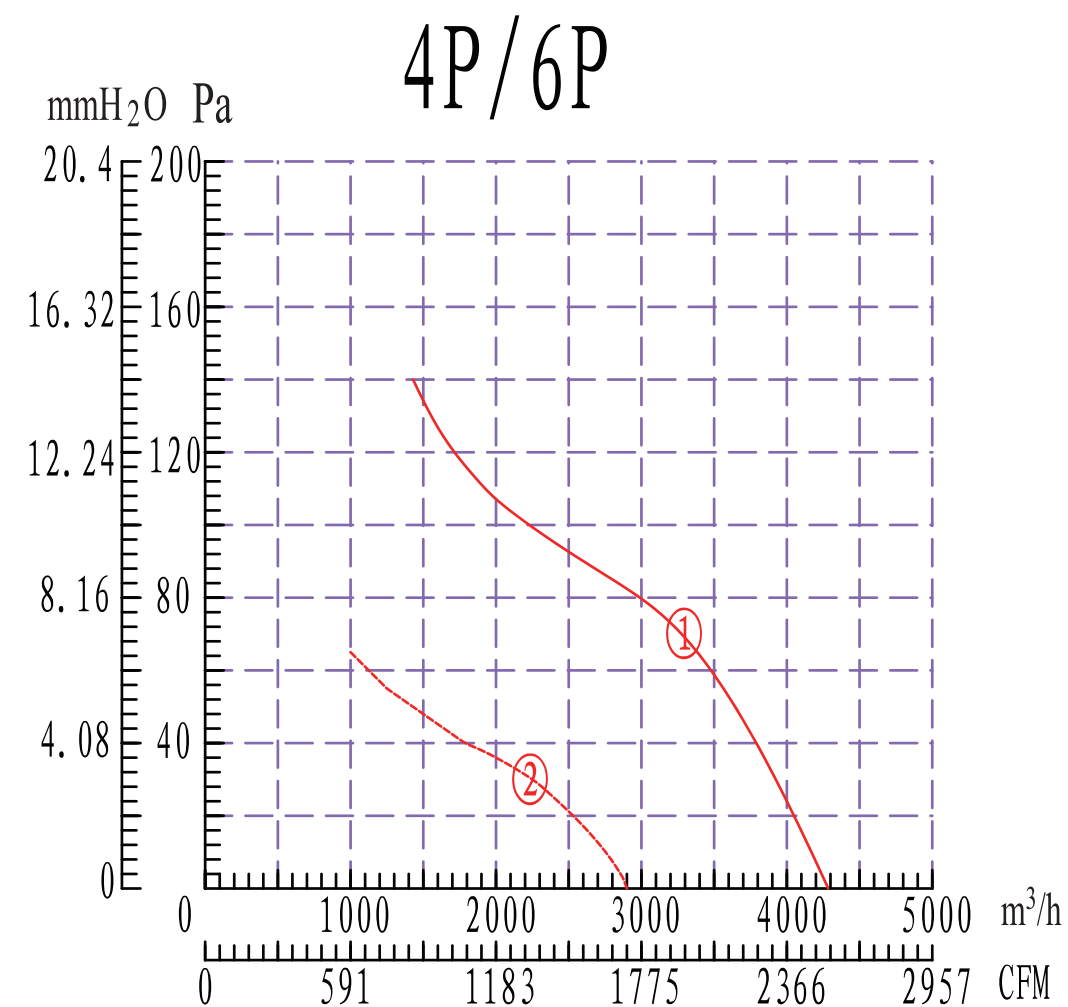
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

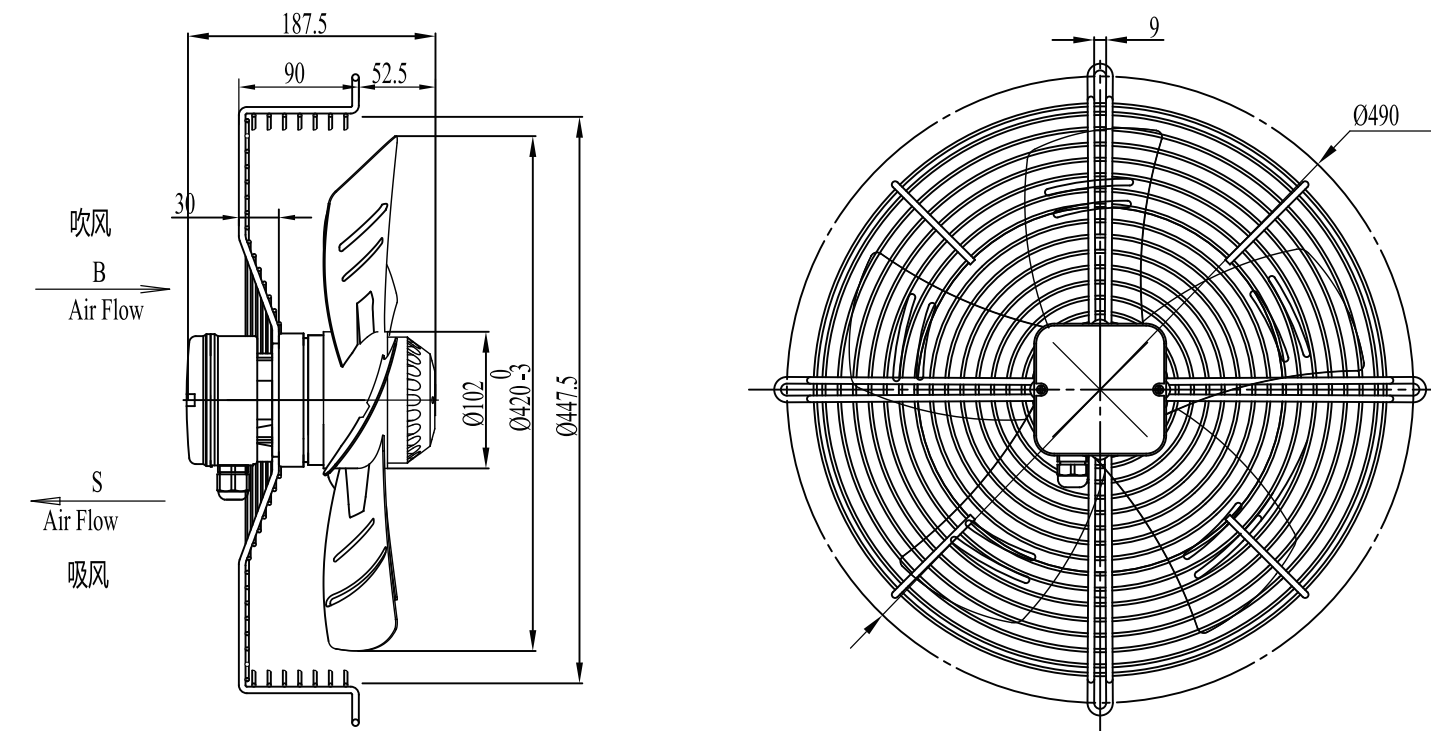
Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D420S-5EB-01	380	50	0.55	210	1350	4290	110	/	68	5.4	①
LWAA6D420S-5EB-02	380	50	0.30	135	950	2900	65	/	58	5.4	②

Flow Rate Curve



Product Drawing

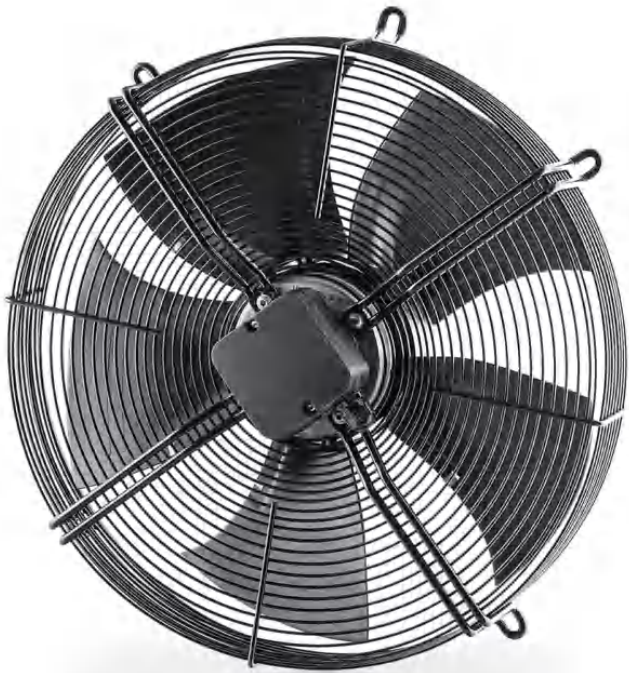
External Rotor Axial Fan Φ420



LWAA-450 Series

Product Characteristic

- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C

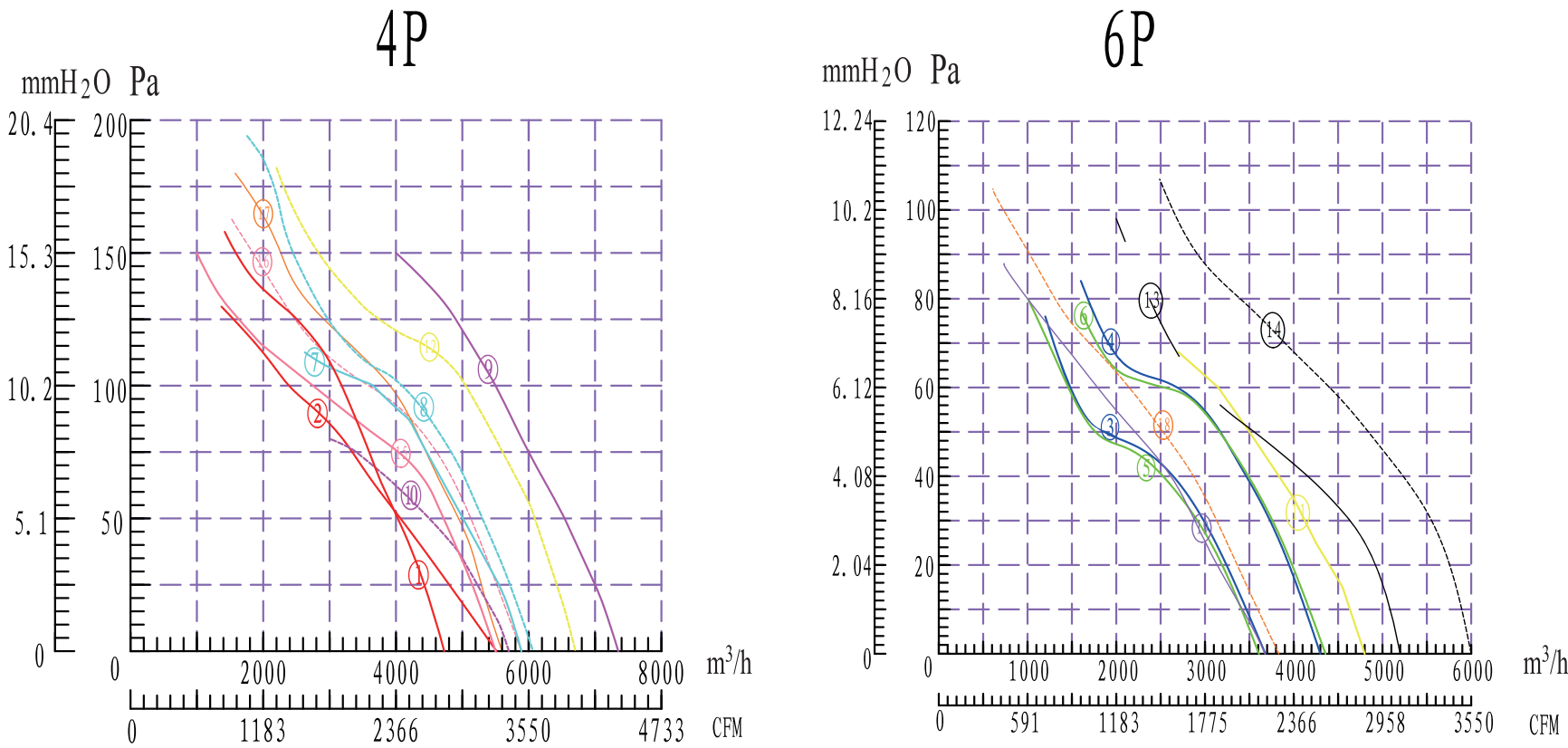


Technical Specifications



Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D450S-5EB-05	380	50	0.60	280	1365	4706	110	/	70	6.8	①
LWAA4D450S-5EB-06	400	60	0.60	330	1540	5522	115	/	72	6.8	②
LWAA4E450S-5EB-07	220	50	1.15	270	1360	4706	110	8	70	6.8	①
LWAA4E450S-5EB-08	230	60	1.80	400	1500	5522	115	10	72	6.8	②
LWAA6D450S-5EB-09	380	50	0.50	147	940	3680	60	/	55	6.8	③
LWAA6D450S-5EB-10	400	60	0.46	182	1090	4380	65	/	58	6.8	④
LWAA6E450S-5EB-11	220	50	0.79	155	930	3608	60	6	55	6.8	⑤
LWAA6E450S-5EB-12	230	60	0.89	194	1090	4358	65	6	58	6.8	⑥
LWAA4D450S-5EB-13	380	50	0.70	320	1320	5890	120	/	75	6.8	⑦
LWAA4D450S-5EB-14	400	60	1.15	580	1400	6185	110	/	77	6.8	⑧
LWAA4E450S-5EB-15	220	50	2.20	460	1350	5890	120	12	75	6.8	⑦
LWAA4E450S-5EB-16	230	60	2.30	480	1680	6185	110	12	77	6.8	⑧
LWAA4E450S-7EB-17	220	50	2.93	640	1320	7380	100	15	77	10.5	⑨
LWAA4D450S-7EB-18	400(▲)	50	1.15	567	1370	7380	115	/	77	10.5	⑨
LWAA4D450S-7EB-19	400(Y)	50	0.73	400	1020	5700	50	/	68	10.5	⑩
LWAA6E450S-7EB-20	220	50	0.91	198	920	4800	50	6	60	10.2	⑪
LWAA6D450S-7EB-21	400(▲)	50	0.45	201	930	4800	50	/	60	10.2	⑪
LWAA4D450S-7EB-22	380	50	1.45	620	1370	6705	150	/	72	10.5	⑫
LWAA6D450S-7EB-23	380	50	0.75	230	935	5200	50	/	60	10	⑬
LWAA6D450S-7EB-24	400	60	0.70	290	1085	6000	65	/	64	10	⑭
LWAA4D450S-7EB-25	380	50	0.75	350	1320	5500	100	/	75	6.8	⑮
LWAA4D450S-7EB-26	380	50	0.86	395	1360	5940	100	/	75	10	⑯
LWAA4D450S-7EB-27	400	60	0.90	460	1600	5600	110	/	77	9.8	⑰
LWAA4E450S-7EB-28	220	50	1.85	400	1370	5550	100	10	75	10	⑮
LWAA6D450S-7EB-29	400	60	0.37	165	1070	3820	70	/	64	6.8	⑱
LWAA6E450S-7EB-30	230	60	0.69	150	1030	3680	60	4	64	6.8	⑱

Flow Rate Curve

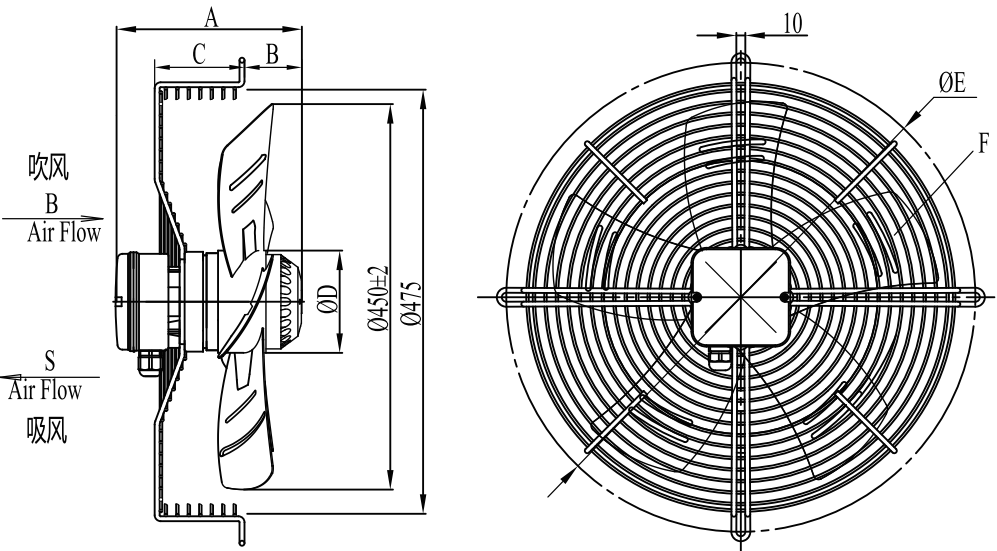


Installation Form Of The Fan

Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

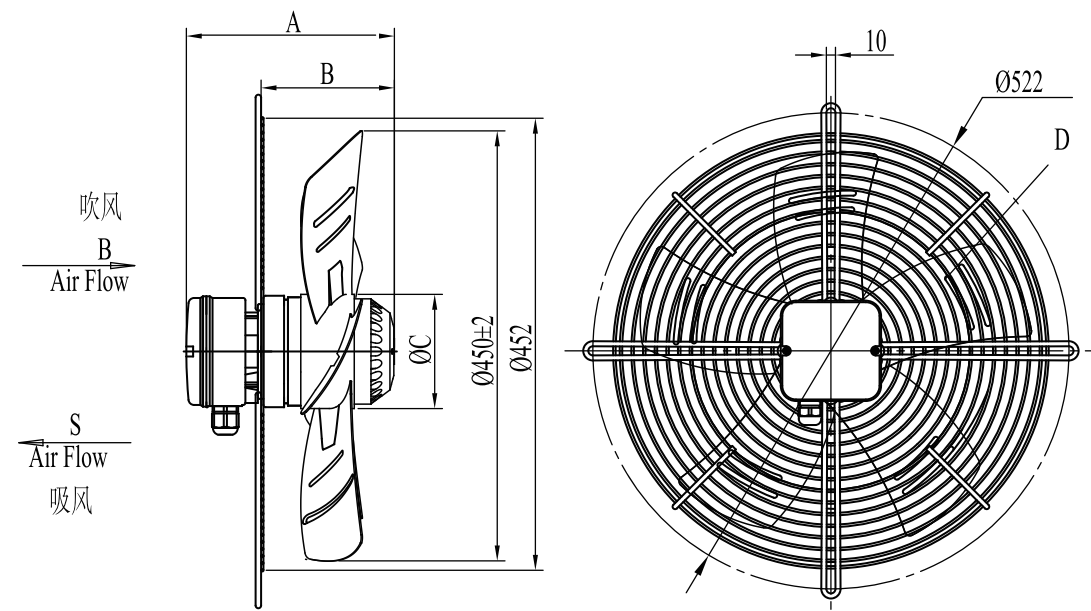
Product Drawing

Standard Version

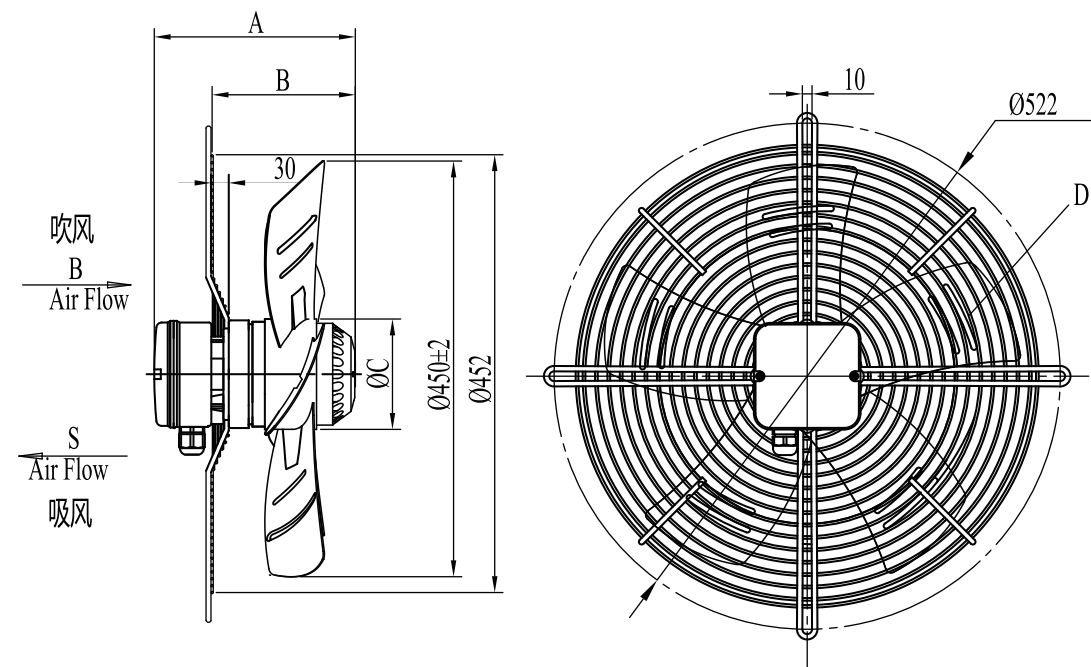


Model NO.E	Dimension(mm)						Blades
	A	B	C	D	E	F	
LWAA4D(E)450S(B)-5EB-XX	200	70	90	102	522	5	
LWAA6D(E)450S(B)-5EB-XX	200	70	90	102	522	5	
LWAA4D(E)450MS(B)-5EB-XX	200	70	90	102	522	5	
LWAA6D(E)450GS(B)-7EB-XX	214	89	95	138	515	7	
LWAA4D(E)450GS(B)-7EB-XX	214	89	95	138	515	7	
LWAA4D(E)450TS(B)-7EB-XX	214	89	95	138	515	7	
LWAA6D(E)450TS(B)-7EB-XX	214	75	95	138	515	7	
LWAA4D(E)450FS(B)-7EB-XX	200	70	90	102	522	7	
LWAA4D(E)450FS(B)-7EB-XX	214	89	95	138	515	7	
LWAA4D(E)450FS(B)-7EB-XX	200	70	90	102	522	7	

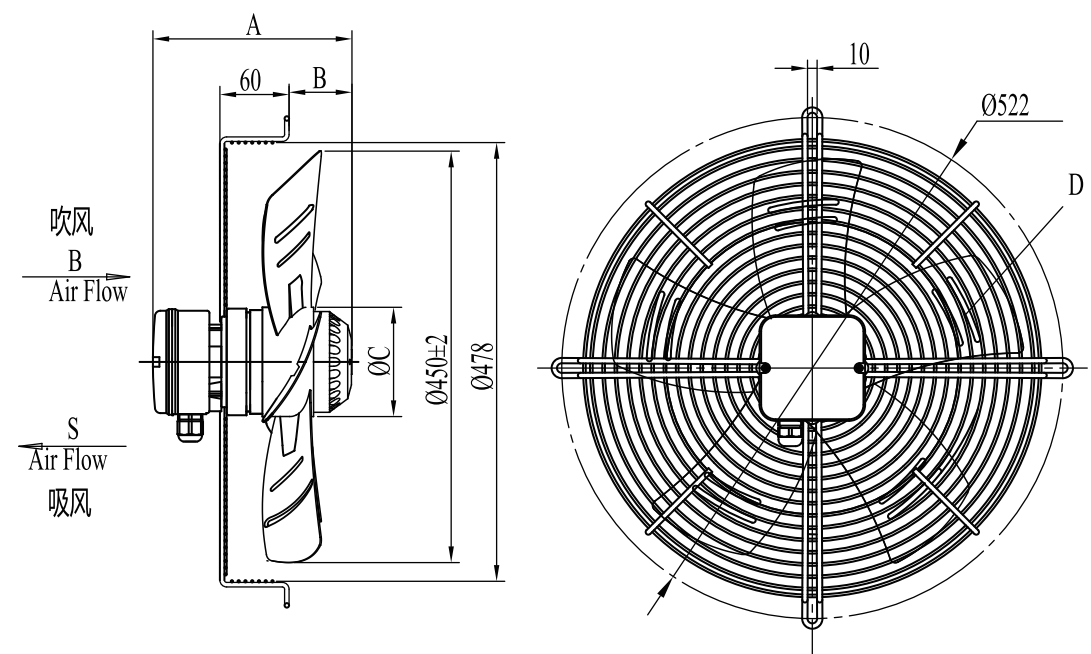
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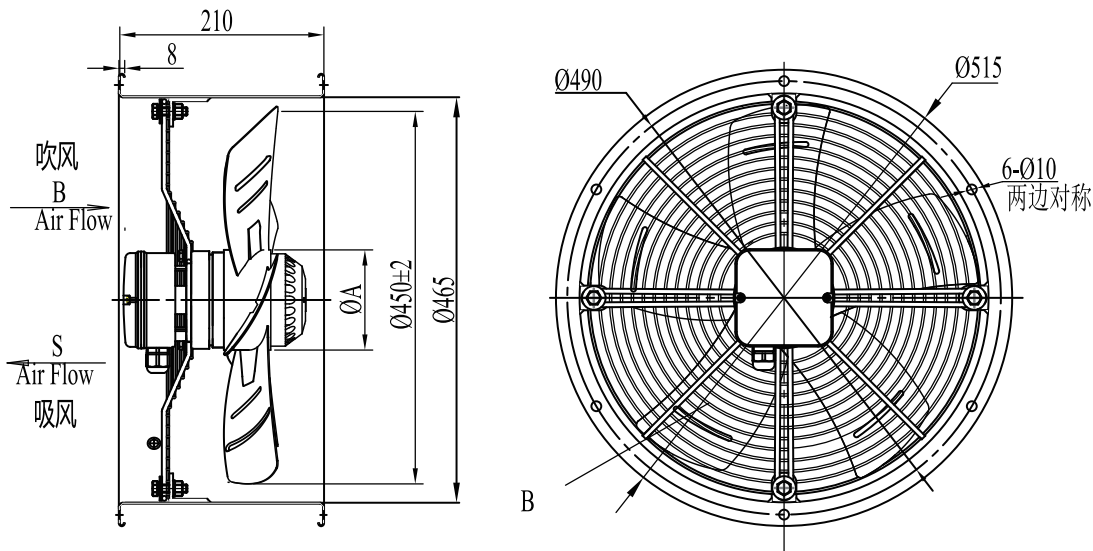
Model NO.B	Dimension(mm)				Blades
	A	B	C	D	
LWAA4D(E)450S(B)-5BB-XX	200	130	102	5	5
LWAA6D(E)450S(B)-5BB-XX	200	130	102	5	5
LWAA4D(E)450MS(B)-5BB-XX	200	130	102	5	5
LWAA6D(E)450GS(B)-7BB-XX	214	144	138	7	7
LWAA4D(E)450GS(B)-7BB-XX	214	144	138	7	7
LWAA4D(E)450TS(B)-7BB-XX	214	144	138	7	7
LWAA6D(E)450TS(B)-7BB-XX	200	130	138	7	7
LWAA4D(E)450FS(B)-7BB-XX	200 214	130 144	102 138	7	7
LWAA6D(E)450FS(B)-7BB-XX	200	130	102	7	7



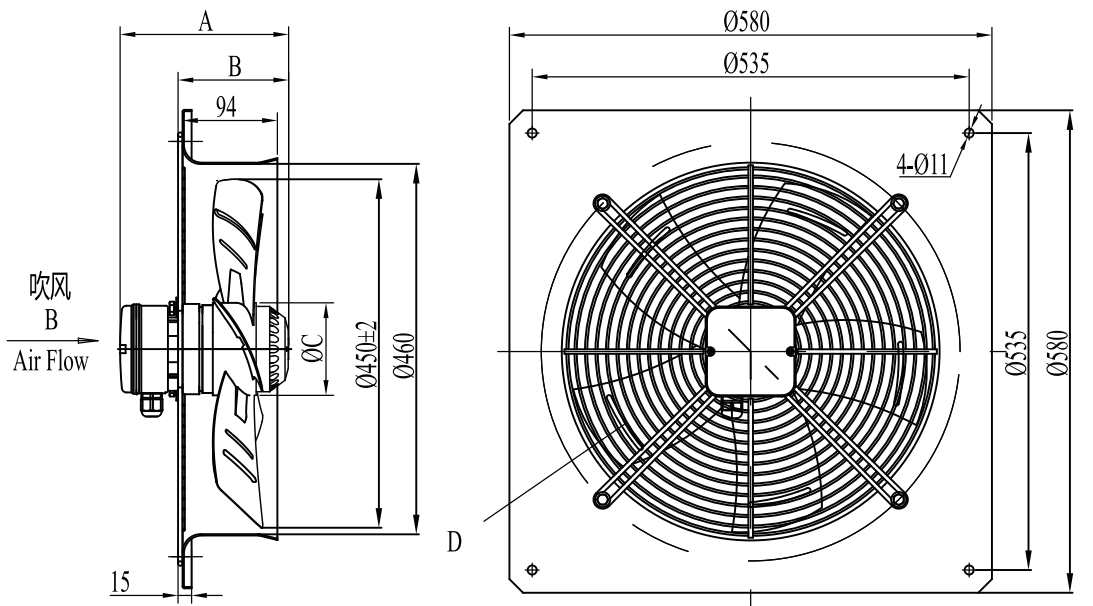
Model NO.C	Dimension(mm)				Blades
	A	B	C	D	
LWAA4D(E)450S(B)-5CB-XX	200	160	102	5	5
LWAA6D(E)450S(B)-5CB-XX	200	160	102	5	5
LWAA4D(E)450MS(B)-5CB-XX	200	160	102	5	5
LWAA6D(E)450GS(B)-7CB-XX	214	174	138	7	7
LWAA4D(E)450GS(B)-7CB-XX	214	174	138	7	7
LWAA4D(E)450TS(B)-7CB-XX	214	174	138	7	7
LWAA6D(E)450TS(B)-7CB-XX	200	160	138	7	7
LWAA4D(E)450FS(B)-7CB-XX	200 214	160 174	102 138	7	7
LWAA6D(E)450FS(B)-7CB-XX	200	160	102	7	7



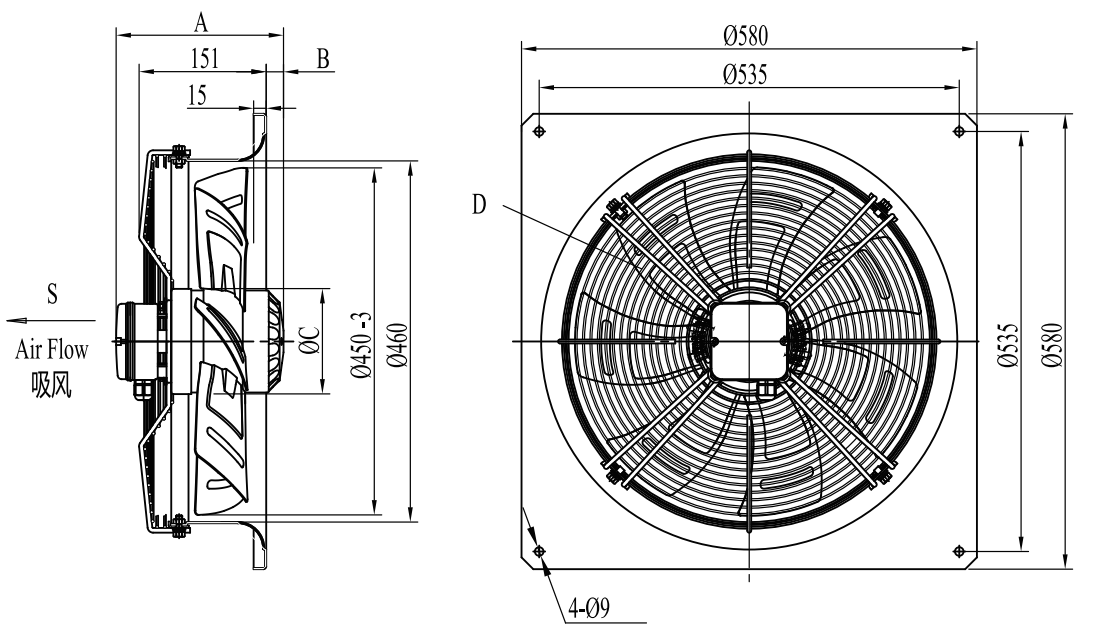
Model NO.D	Dimension(mm)				Blades
	A	B	C	D	
LWAA4D(E)450S(B)-5DB-XX	200	75	102	5	5
LWAA6D(E)450S(B)-5DB-XX	200	75	102	5	5
LWAA4D(E)450MS(B)-5DB-XX	200	75	102	5	5
LWAA6D(E)450GS(B)-7DB-XX	214	89	138	7	7
LWAA4D(E)450GS(B)-7DB-XX	214	89	138	7	7
LWAA4D(E)450TS(B)-7DB-XX	214	89	138	7	7
LWAA6D(E)450TS(B)-7DB-XX	200	75	138	7	7
LWAA4D(E)450FS(B)-7DB-XX	200 214	75 89	102 138	7	7
LWAA6D(E)450FS(B)-7DB-XX	200	75	102	7	7



Model NO.H	Dimension(mm)		Blades
	A	B	
LWAA4D(E)450S(B)-5HB-XX	102	5	5
LWAA6D(E)450S(B)-5HB-XX	102	5	5
LWAA4D(E)450MS(B)-5HB-XX	102	5	5
LWAA6D(E)450GS(B)-7HB-XX	138	7	7
LWAA4D(E)450GS(B)-7HB-XX	138	7	7
LWAA4D(E)450TS(B)-7HB-XX	138	7	7
LWAA6D(E)450TS(B)-7HB-XX	138	7	7
LWAA4D(E)450FS(B)-7HB-XX	102 138	7	7
LWAA6D(E)450FS(B)-7HB-XX	102	7	7



Model NO.G	Dimension(mm)				Blades
	A	B	C	D	
LWAA4D(E)450S(B)-5GB-XX	200	135	102	5	5
LWAA6D(E)450S(B)-5GB-XX	200	135	102	5	5
LWAA4D(E)450MS(B)-5GB-XX	200	135	102	5	5
LWAA6D(E)450GS(B)-7GB-XX	214	184	138	7	7
LWAA4D(E)450GS(B)-7GB-XX	214	184	138	7	7
LWAA4D(E)450TS(B)-7GB-XX	214	184	138	7	7
LWAA6D(E)450TS(B)-7GB-XX	200	170	138	7	7
LWAA4D(E)450FS(B)-7GB-XX	200 214	135 184	102 138	7	7
LWAA6D(E)450FS(B)-7GB-XX	200	135	102	7	7

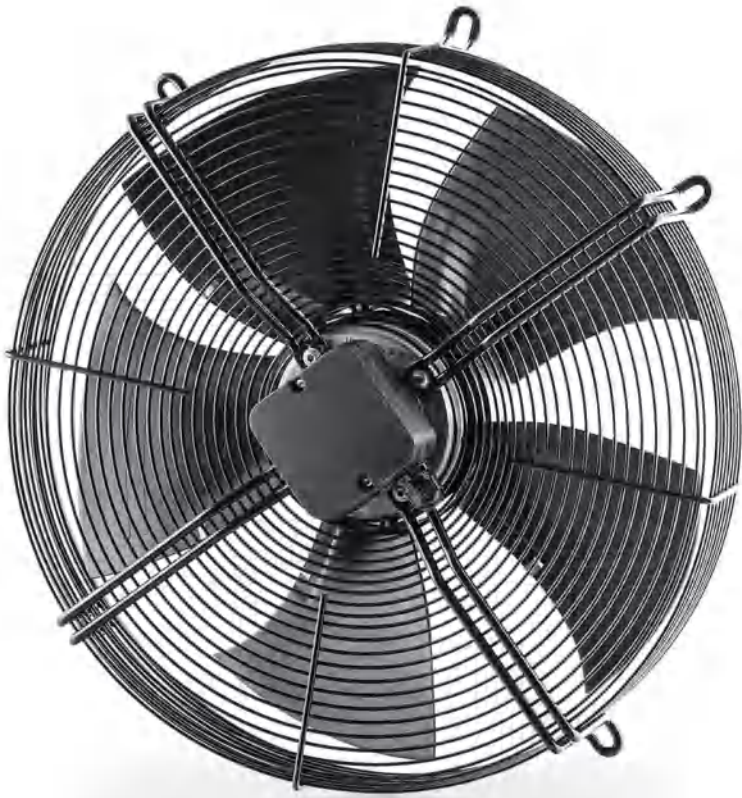


Model NO.K	Dimension(mm)				Blades
	A	B	C	D	
LWAA4D(E)450S(B)-5KB-XX	200	20.5	102	5	5
LWAA6D(E)450S(B)-5KB-XX	200	20.5	102	5	5
LWAA4D(E)450MS(B)-5KB-XX	200	20.5	102	5	5
LWAA6D(E)450GS(B)-7KB-XX	214	34.5	138	7	7
LWAA4D(E)450GS(B)-7KB-XX	214	34.5	138	7	7
LWAA4D(E)450TS(B)-7KB-XX	214	34.5	138	7	7
LWAA6D(E)450TS(B)-7KB-XX	200	20.5	138	7	7
LWAA4D(E)450FS(B)-7KB-XX	200 214	20.5 34.5	102 138	7	7
LWAA6D(E)450FS(B)-7KB-XX	200	20.5	102	7	7

LWAA-500 Series

Product Characteristic

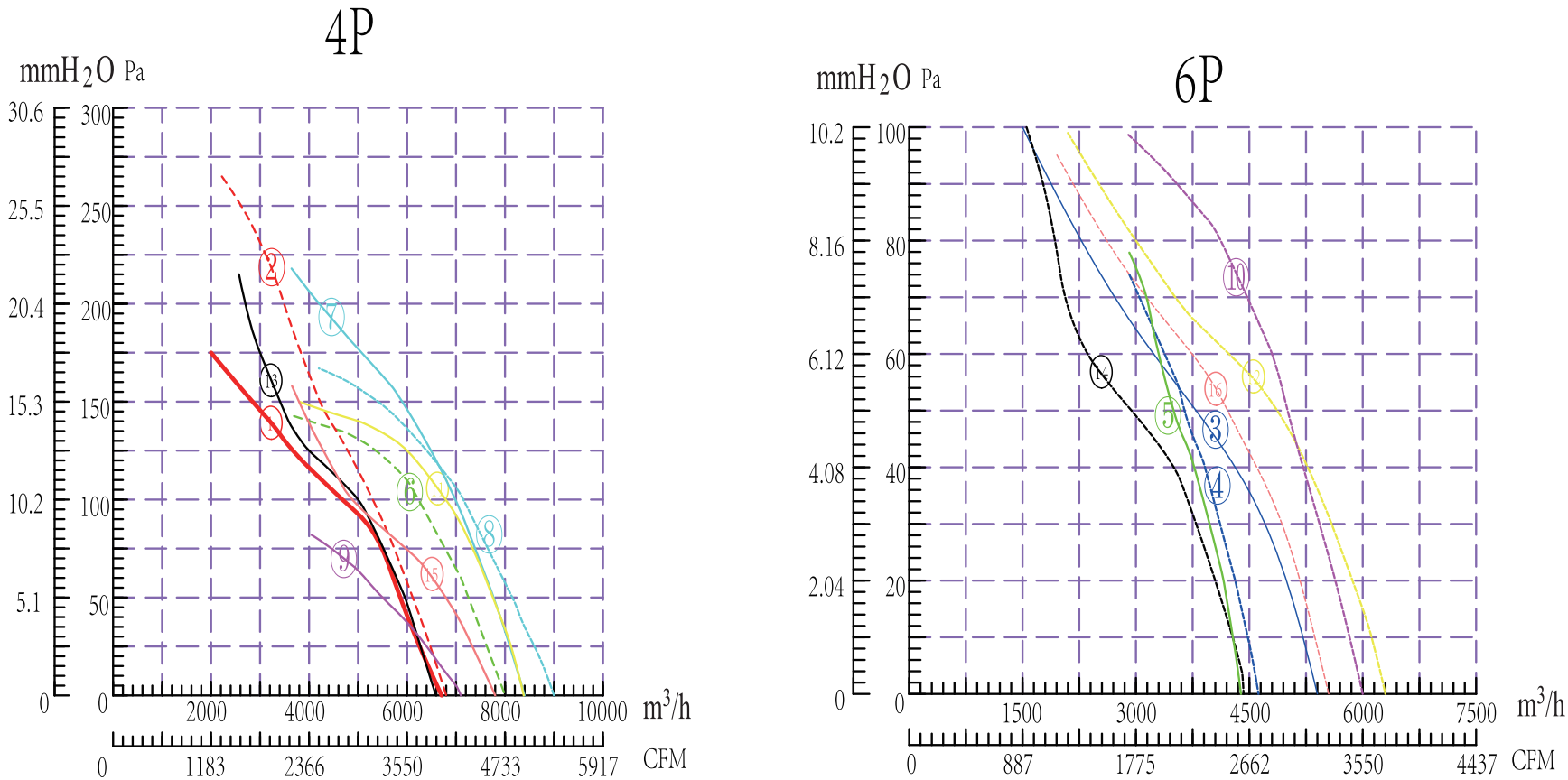
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



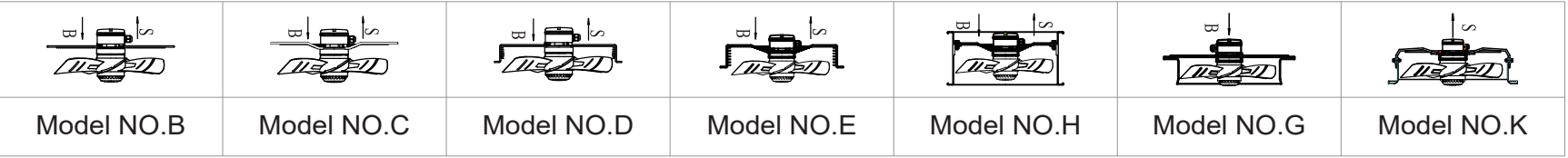
Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D500S-5EB-09	380	50	0.95	460	1330	6700	135	/	70	9.8	①
LWAA4D500S-5EB-10	400	60	1.25	650	1550	6800	120	/	72	9.8	②
LWAA4E500S-5EB-11	220	50	2.10	480	1340	6700	125	15	70	9.8	①
LWAA4E500S-5EB-12	230	60	2.85	600	1500	6800	120	15	72	9.8	②
LWAA6D500S-5EB-13	380	50	0.70	250	920	5300	85	/	58	9.6	③
LWAA6D500S-5EB-14	400	60	0.40	185	1080	4630	80	/	60	9.6	④
LWAA6E500S-5EB-15	220	50	0.68	148	920	4410	75	6	58	9.6	⑤
LWAA6E500S-5EB-16	230	60	1.00	210	1100	4630	80	6	60	9.6	④
LWAA4D500S-5EB-17	380	50	1.38	520	1400	8000	105	/	78	10.5	⑥
LWAA4D500S-5EB-18	400	60	1.45	850	1600	8400	90	/	80	10.5	⑦
LWAA4E500S-5EB-19	220	50	2.60	560	1360	8000	105	15	78	10.5	⑥
LWAA4E500S-5EB-20	230	60	3.90	820	1600	8400	90	15	80	10.5	⑦
LWAA4E500S-7EB-21	220	50	3.67	819	1280	9000	105	15	76	12.8	⑧
LWAA4D500S-7EB-22	400(▲)	50	1.59	830	1360	9000	115	/	78	12.8	⑧
LWAA4D500S-7EB-23	400(Y)	50	0.98	514	1000	7100	65	/	72	12.8	⑨
LWAA6E500S-7EB-24	220	50	1.34	304	920	6000	50	10	68	12.5	⑩
LWAA6D500S-7EB-25	400(▲)	50	0.61	295	900	6000	60	/	68	12.5	⑩
LWAA4D500S-7EB-26	380	50	1.88	850	1340	8380	170	/	74	10.5	⑪
LWAA6D500S-7EB-27	380	50	0.85	330	900	6300	100	/	68	10.2	⑫
LWAA4D500S-4EB-28	380	50	1.00	500	1350	6580	120	/	68	10.4	⑫
LWAA4E500S-4EB-29	220	50	3.50	580	1300	6580	120	12	68	10.4	⑬
LWAA6D500S-4EB-30	380	50	0.48	175	940	4430	60	/	58	9.8	⑭
LWAA4D500S-7EB-31	380	50	0.85	400	1350	7800	100	/	72	9.8	⑮
LWAA6D500S-7EB-32	380	60	0.70	250	1100	5500	80	/	63	9.8	⑯

Flow Rate Curve

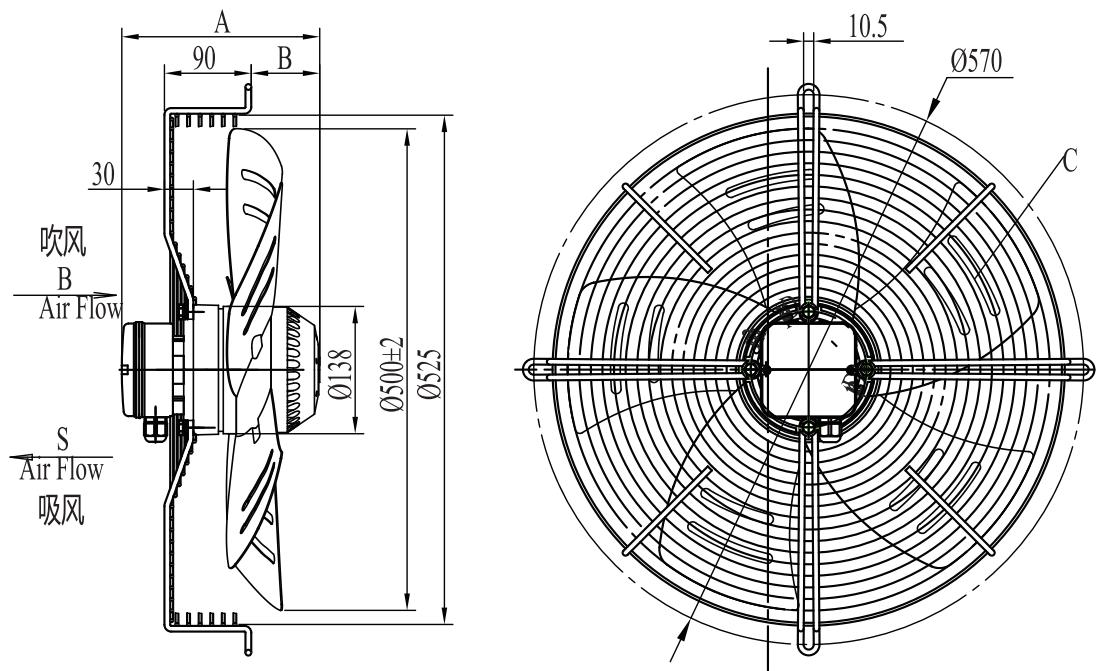


Installation Form Of The Fan



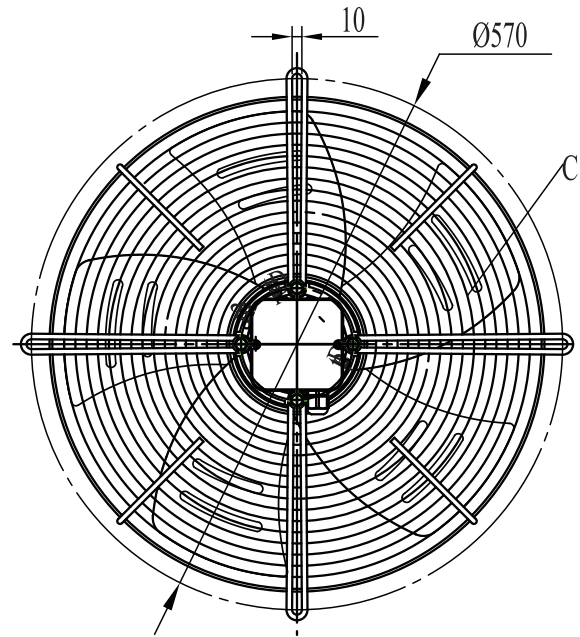
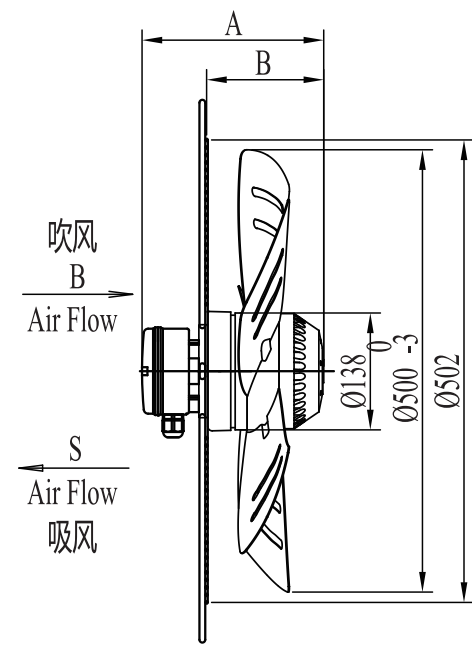
Product Drawing

Standard Version

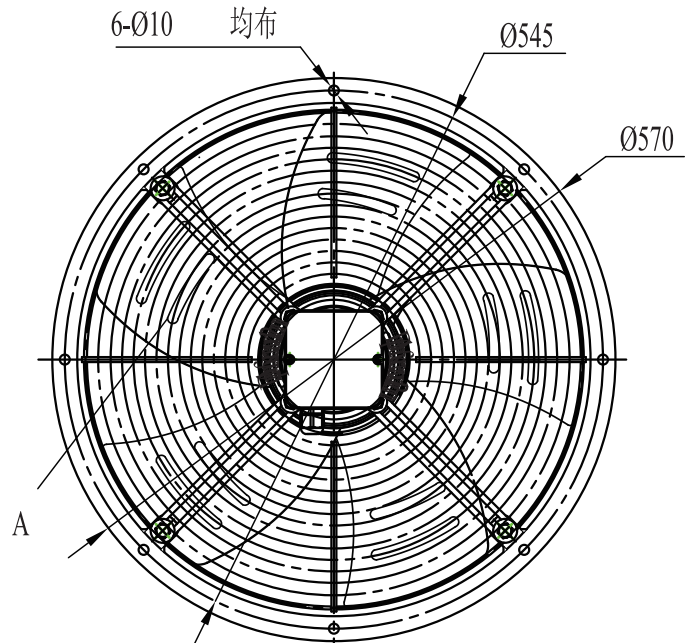
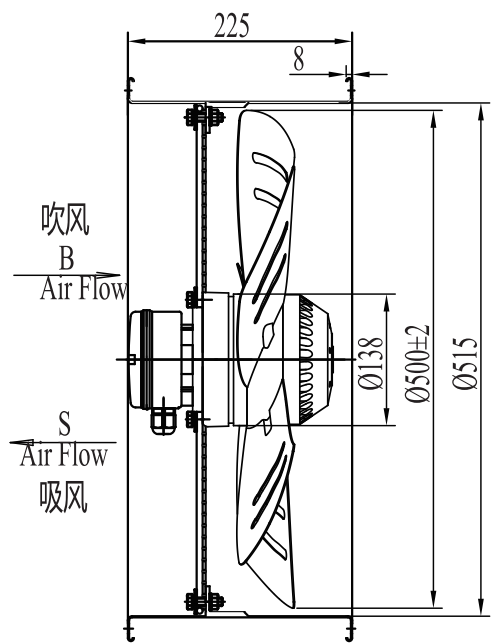


Model NO.E	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)500S(B)-5EB-XX	200	70	5	
LWAA6D(E)500S(B)-5EB-XX	200	70	5	
LWAA4D(E)500MS(B)-6EB-XX	214	84	6	
LWAA6D(E)500GS(B)-7EB-XX	234	104	7	
LWAA4D(E)500GS(B)-7EB-XX	234	104	7	
LWAA4D(E)500TS(B)-7EB-XX	234	104	7	
LWAA6D(E)500TS(B)-7EB-XX	214	84	7	
LWAA4D500FS-7EB-XX	200	70	7	
LWAA4D(E)500S-4EB-XX	214	77.5	4	
LWAA6D500S-4EB-XX	214	77.5	4	

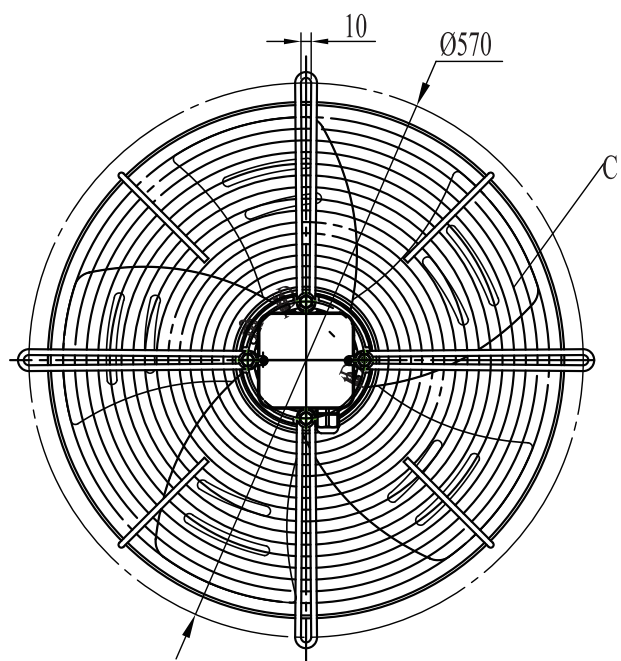
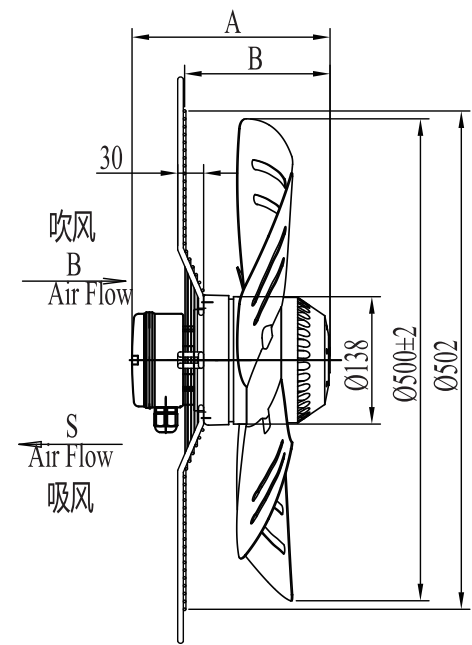
Customization Available



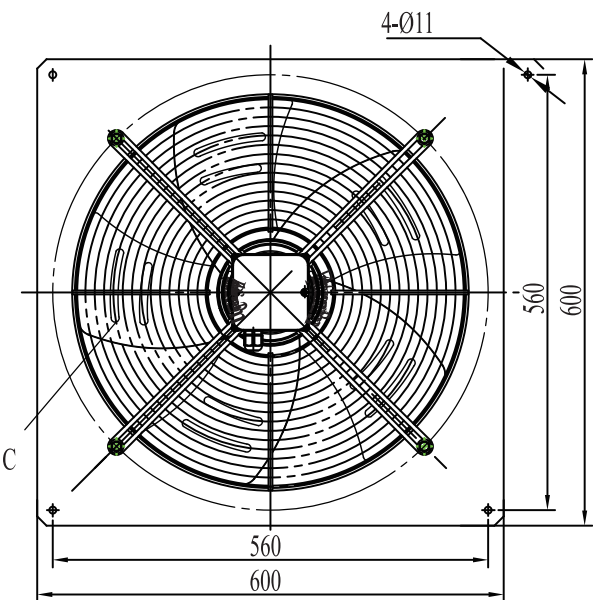
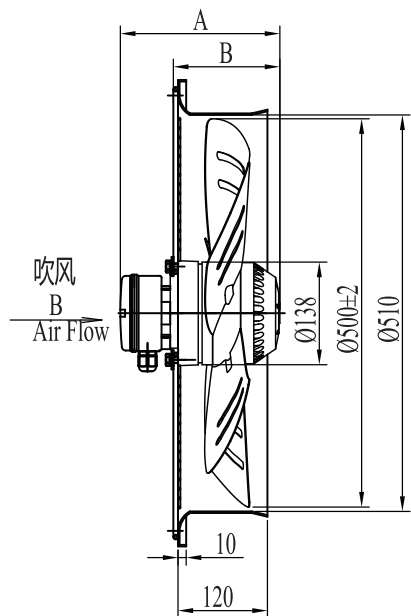
Model NO.B	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)500S(B)-5BB-XX	200	130	5	
LWAA6D(E)500S(B)-5BB-XX	200	130	5	
LWAA4D(E)500MS(B)-6BB-XX	214	144	6	
LWAA4D(E)500GS(B)-7BB-XX	234	164	7	
LWAA6D(E)500GS(B)-7BB-XX	234	164	7	
LWAA4D500TS(B)-7BB-XX	234	164	7	
LWAA6D500TS(B)-7BB-XX	214	144	7	
LWAA4D500FS-7BB-XX	200	130	7	



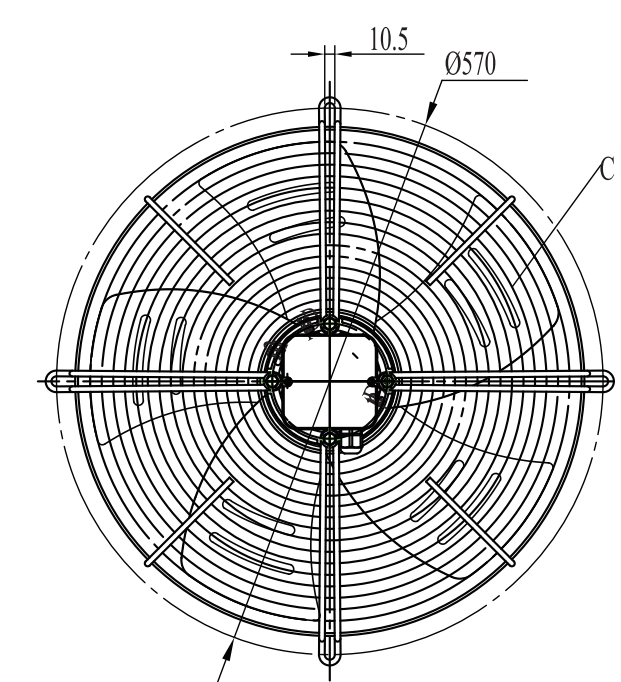
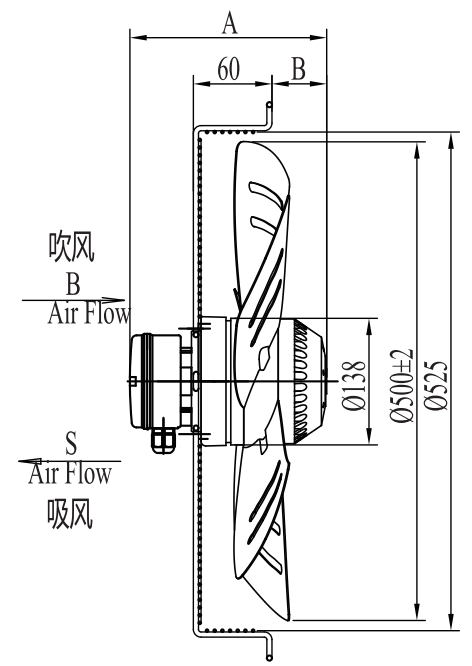
Model NO.H	Blades	
	A	
LWAA4D(E)500S(B)-5HB-XX	5	
LWAA6D(E)500S(B)-5HB-XX	5	
LWAA4D(E)500MS(B)-6HB-XX	6	
LWAA4D(E)500GS(B)-7HB-XX	7	
LWAA6D(E)500GS(B)-7HB-XX	7	
LWAA4D500TS(B)-7HB-XX	7	
LWAA6D500TS(B)-7HB-XX	7	
LWAA4D500FS-7HB-XX	7	



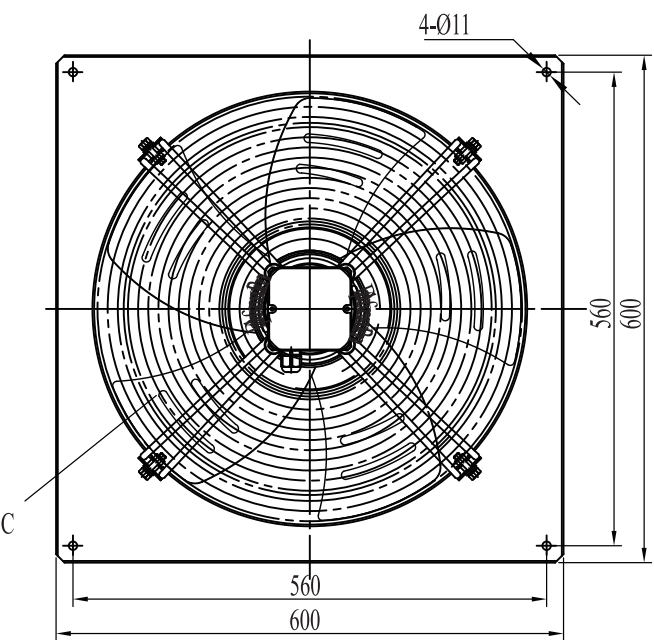
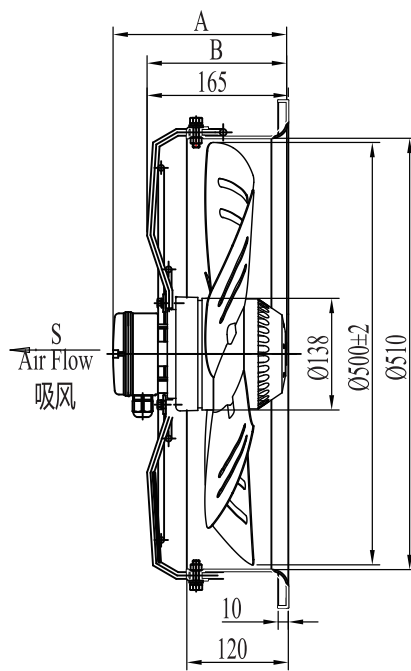
Model NO.C	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)500S(B)-5CB-XX	200	160	5	
LWAA6D(E)500S(B)-5CB-XX	200	160	5	
LWAA4D(E)500MS(B)-6CB-XX	214	174	6	
LWAA4D(E)500GS(B)-7CB-XX	234	194	7	
LWAA6D(E)500GS(B)-7CB-XX	234	194	7	
LWAA4D500TS(B)-7CB-XX	234	194	7	
LWAA6D500TS(B)-7CB-XX	214	174	7	
LWAA4D500FS-7CB-XX	200	160	7	



Model NO.G	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)500S(B)-5GB-XX	200	135	5	
LWAA6D(E)500S(B)-5GB-XX	200	135	5	
LWAA4D(E)500MS(B)-6GB-XX	214	149	6	
LWAA4D(E)500GS(B)-7GB-XX	234	169	7	
LWAA6D(E)500GS(B)-7GB-XX	234	169	7	
LWAA4D500TS(B)-7GB-XX	234	169	7	
LWAA6D500TS(B)-7GB-XX	214	149	7	
LWAA4D500FS-7GB-XX	200	135	7	



Model NO.D	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)500S(B)-5DB-XX	200	75	5	
LWAA6D(E)500S(B)-5DB-XX	200	75	5	
LWAA4D(E)500MS(B)-6DB-XX	214	89	6	
LWAA4D(E)500GS(B)-7DB-XX	234	109	7	
LWAA6D(E)500GS(B)-7DB-XX	234	109	7	
LWAA4D500TS(B)-7DB-XX	234	109	7	
LWAA6D500TS(B)-7DB-XX	214	89	7	
LWAA4D500FS-7DB-XX	200	75	7	



Model NO.K	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)500S(B)-5KB-XX	200	153	5	
LWAA6D(E)500S(B)-5KB-XX	200	153	5	
LWAA4D(E)500MS(B)-6KB-XX	214	167	6	
LWAA4D(E)500GS(B)-7KB-XX	234	187	7	
LWAA6D(E)500GS(B)-7KB-XX	234	187	7	
LWAA4D500TS(B)-7KB-XX	234	187	7	
LWAA6D500TS(B)-7KB-XX	214	167	7	
LWAA4D500FS-7KB-XX	200	153	7	

LWAA-550 Series

Product Characteristic

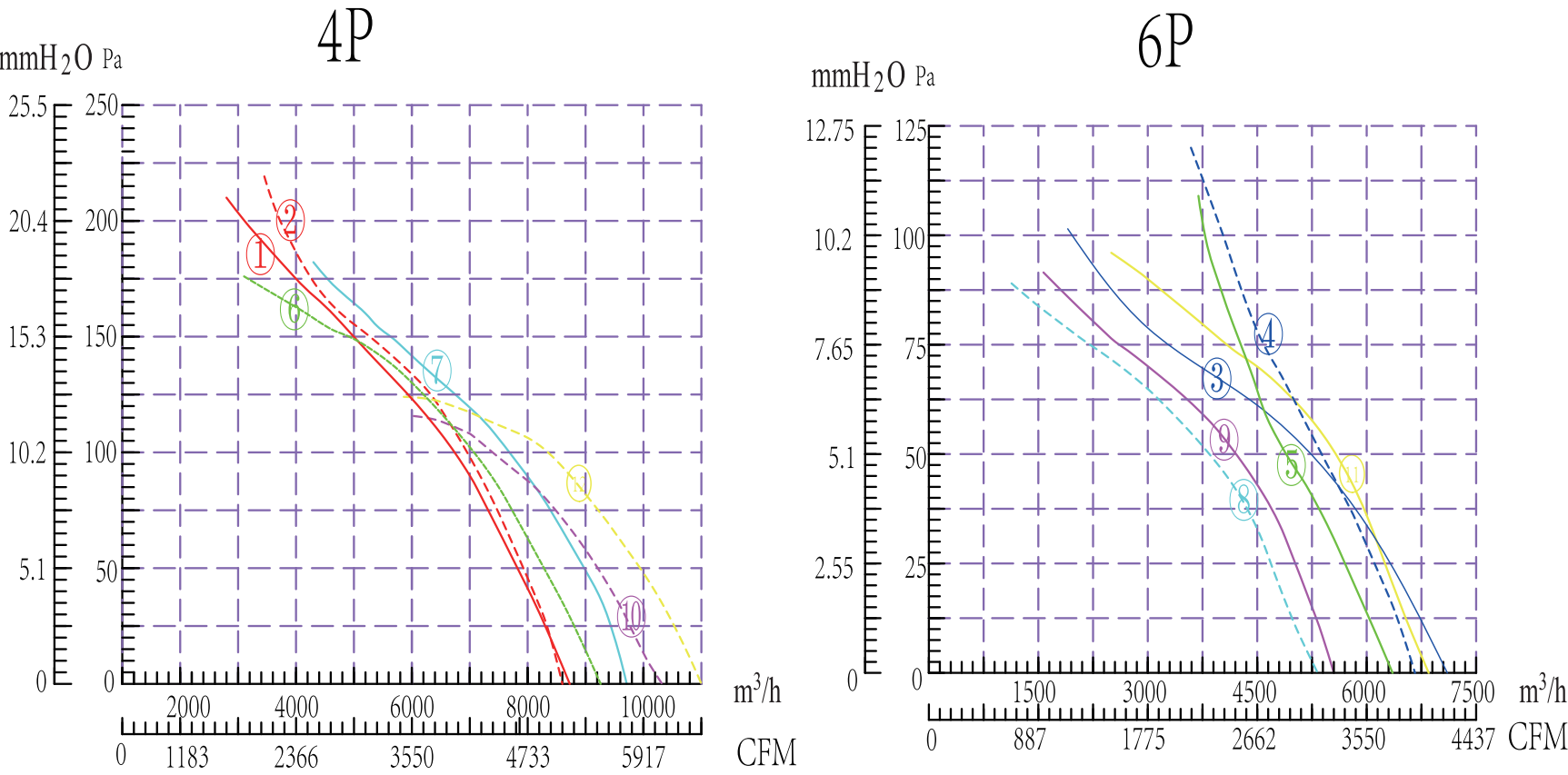
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D550S-5EB-05	380	50	1.30	600	1360	8730	120	/	70	11	①
LWAA4D550S-5EB-06	400	60	1.55	800	1750	8555	110	/	72	11	②
LWAA4E550S-5EB-07	220	50	2.80	650	1340	8546	120	15	70	11	①
LWAA4E550S-5EB-08	230	60	4.00	950	1550	8555	110	15	72	11	②
LWAA6D550S-5EB-09	380	50	0.72	316	895	7000	85	/	60	10.8	③
LWAA6D550S-5EB-10	400	60	0.60	300	1000	6655	92	/	62	10.8	④
LWAA6E550S-5EB-11	220	50	1.00	220	880	6355	85	6	60	10.8	⑤
LWAA6E550S-5EB-12	230	60	1.20	350	1100	6655	92	6	62	10.8	④
LWAA4D520S-5EB-13	380	50	1.26	640	1400	9260	120	/	72	11	⑥
LWAA4D550S-5EB-14	400	60	1.45	850	1600	9725	110	/	74	11	⑦
LWAA4E550S-5EB-15	220	50	2.80	650	1340	9260	120	15	72	11	⑥
LWAA6D550S-5EB-16	380	50	0.58	250	880	5330	100	/	62	10.5	⑧
LWAA6D550S-5EB-17	400	60	0.70	360	950	5565	90	/	64	10.5	⑨
LWAA4D550S-7EB-18	380	50	2.45	1100	1360	10300	150	/	78	12.8	⑩
LWAA6D550S-7EB-17	380	50	0.90	360	890	6850	90	/	70	12.5	⑪
LWAA4D550S-7EB-20	380	50	1.20	620	1320	11200	105	/	72	12	⑫

Flow Rate Curve

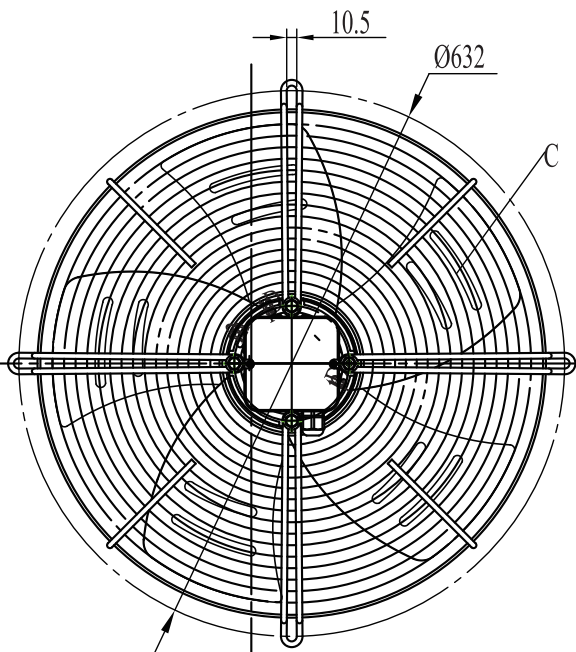
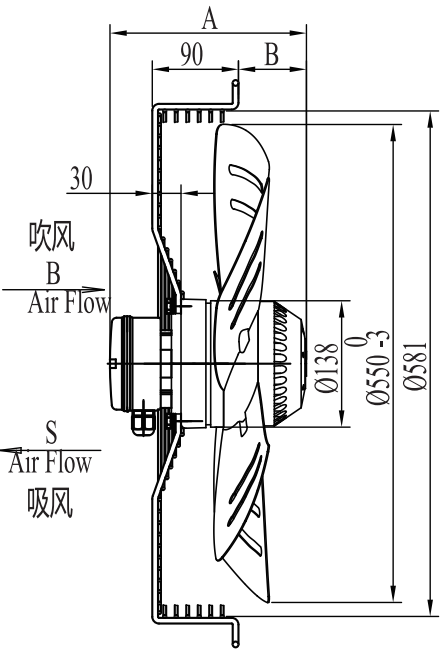


Installation Form Of The Fan

Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

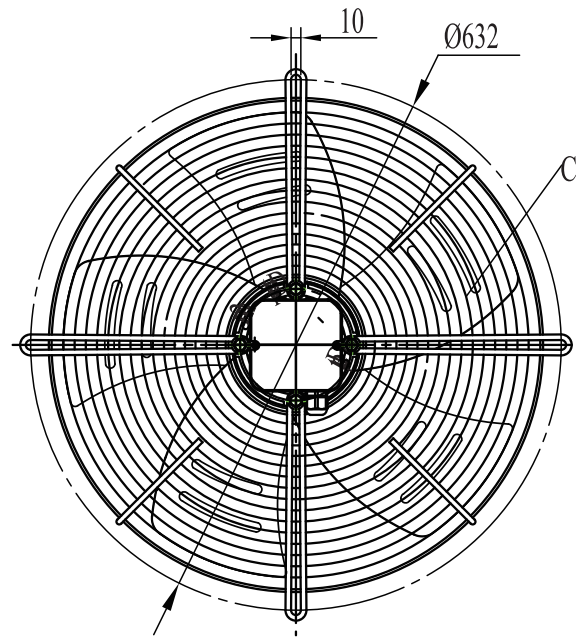
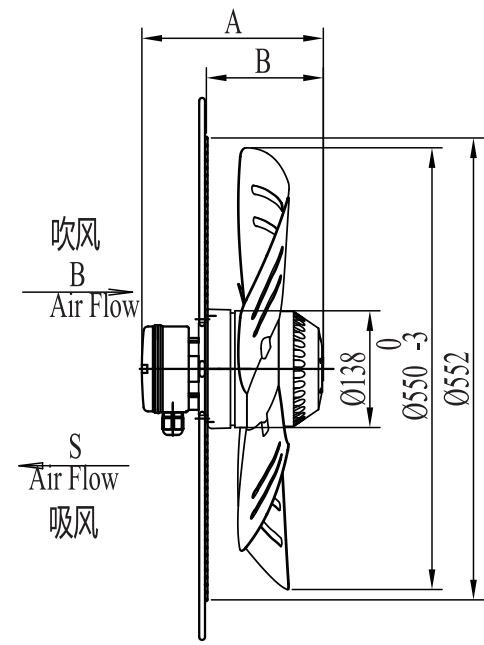
Product Drawing

Standard Version

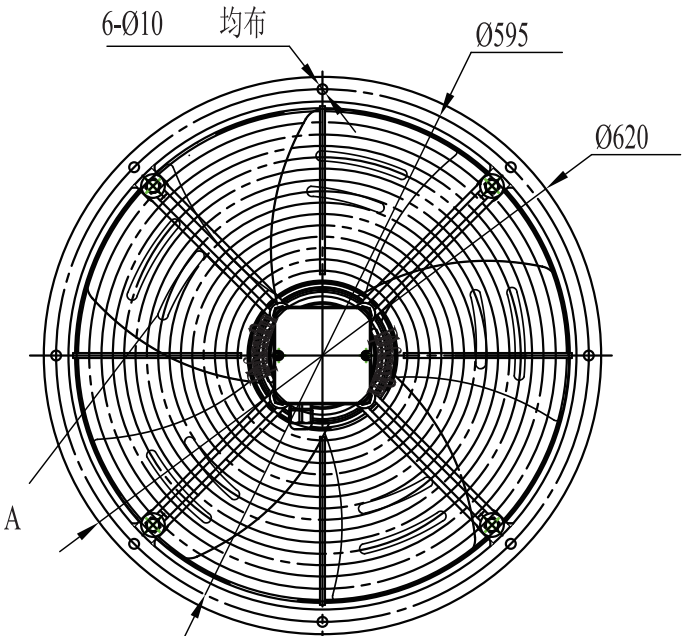
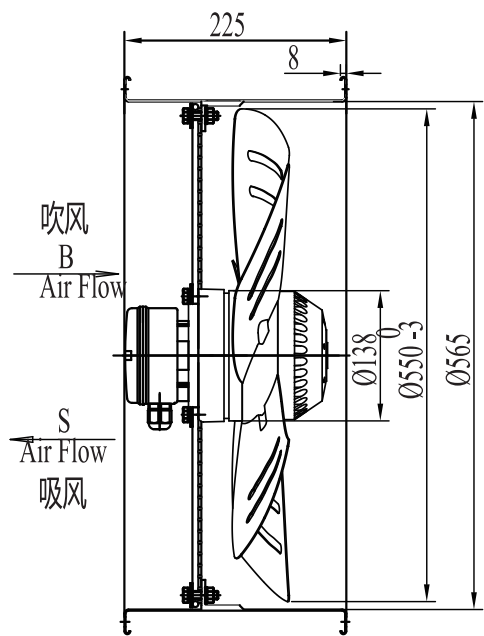


Model NO.E	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)550S(B)-5EB-XX	214	84	5	
LWAA6D(E)550S(B)-5EB-XX	214	84	5	
LWAA4D(E)550MS(B)-5EB-XX	214	84	5	
LWAA6D550GS(B)-5EB-XX	214	84	5	
LWAA4D550TS(B)-7EB-XX	234	104	7	
LWAA6D550TS(B)-7EB-XX	214	84	7	
LWAA4D550FS-7EB-XX	214	84	7	

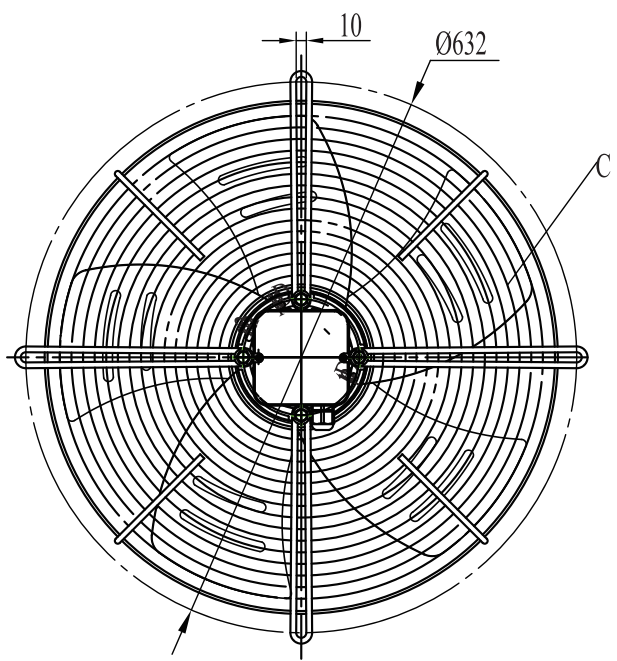
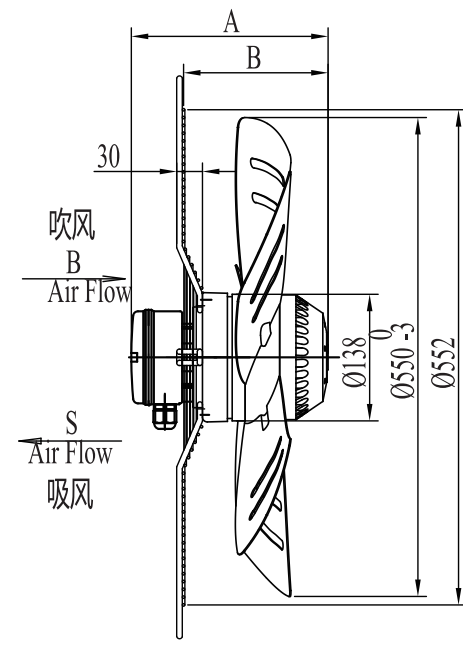
Customization Available



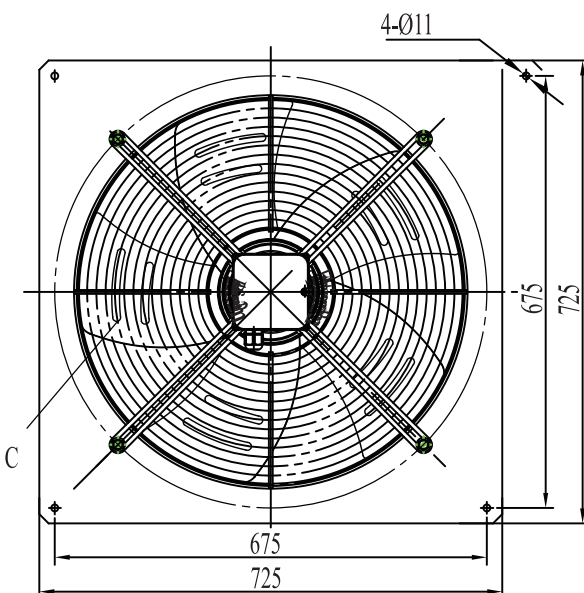
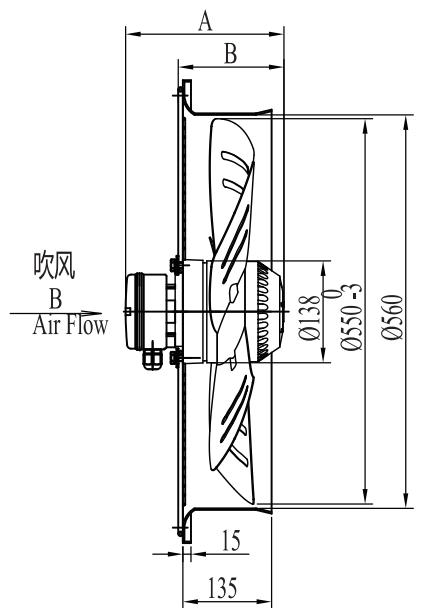
Model NO.B	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)550S(B)-5BB-XX	214	144	5	
LWAA6D(E)550S(B)-5BB-XX	214	144	5	
LWAA4D(E)550MS(B)-5BB-XX	214	144	5	
LWAA6D550MS(B)-5BB-XX	214	144	5	
LWAA4D550TS(B)-7BB-XX	234	164	7	
LWAA6D550TS(B)-7BB-XX	214	144	7	
LWAA4D550FS-7BB-XX	214	144	7	



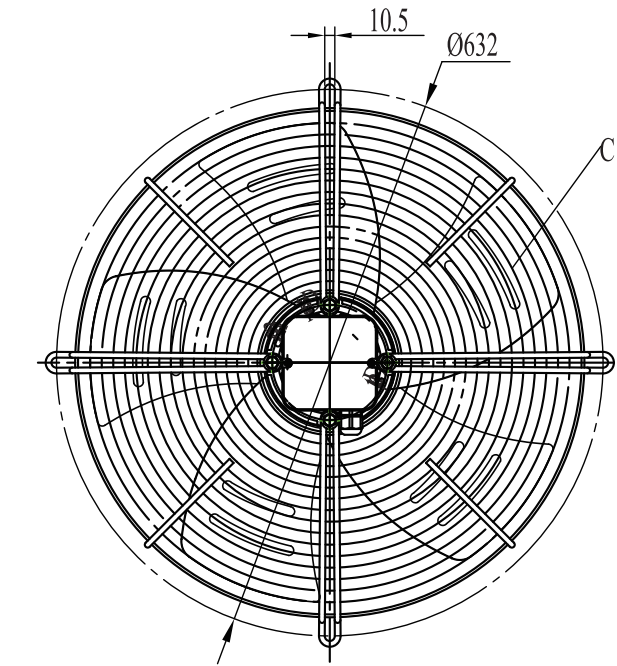
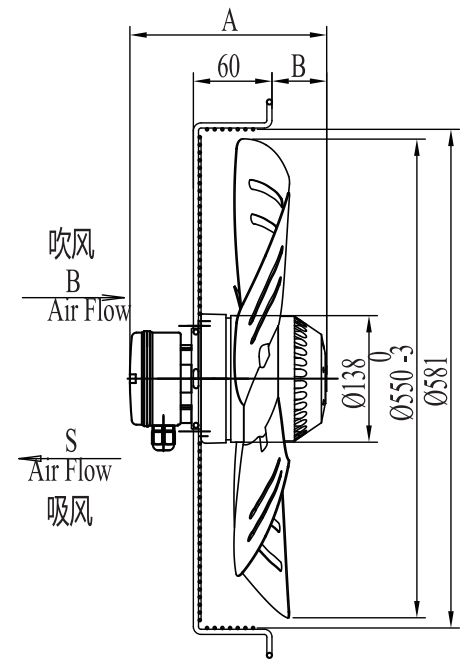
Model NO.H	Blades	
	C	
LWAA4D(E)550S(B)-5HB-XX	5	
LWAA6D(E)550S(B)-5HB-XX	5	
LWAA4D(E)550MS(B)-5HB-XX	5	
LWAA6D550MS(B)-5HB-XX	5	
LWAA4D550TS(B)-7HB-XX	7	
LWAA6D550TS(B)-7HB-XX	7	
LWAA4D550FS-7HB-XX	7	



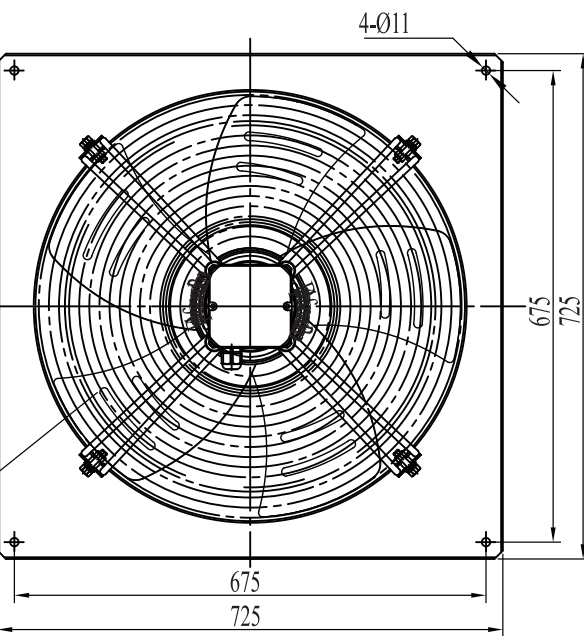
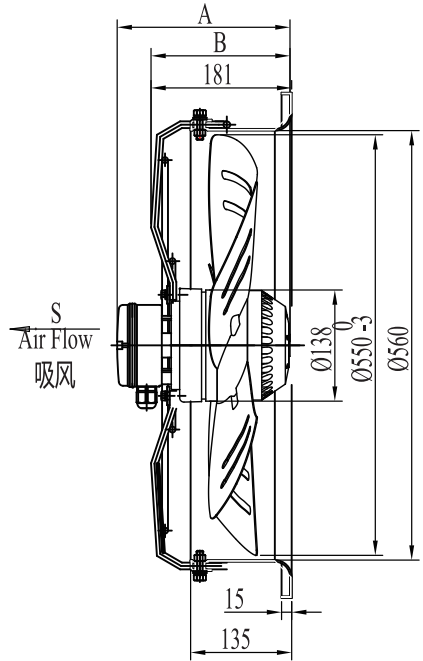
Model NO.C	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)550S(B)-5CB-XX	214	174	5	
LWAA6D(E)550S(B)-5CB-XX	214	174	5	
LWAA4D(E)550MS(B)-5CB-XX	214	174	5	
LWAA6D550MS(B)-5CB-XX	214	174	5	
LWAA4D550TS(B)-7CB-XX	234	194	7	
LWAA6D550TS(B)-7CB-XX	214	174	7	
LWAA4D550FS-7CB-XX	214	174	7	



Model NO.G	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)550S(B)-5GB-XX	214	149	5	
LWAA6D(E)550S(B)-5GB-XX	214	149	5	
LWAA4D(E)550MS(B)-5GB-XX	214	149	5	
LWAA6D550MS(B)-5GB-XX	214	149	5	
LWAA4D550TS(B)-7GB-XX	234	169	7	
LWAA6D550TS(B)-7GB-XX	214	149	7	
LWAA4D550FS-7GB-XX	214	149	7	



Model NO.D	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)550S(B)-5DB-XX	214	89	5	
LWAA6D(E)550S(B)-5DB-XX	214	89	5	
LWAA4D(E)550MS(B)-5DB-XX	214	89	5	
LWAA6D550MS(B)-5DB-XX	214	89	5	
LWAA4D550TS(B)-7DB-XX	234	109	7	
LWAA6D550TS(B)-7DB-XX	214	89	7	
LWAA4D550FS-7DB-XX	214	89	7	



Model NO.K	Dimension(mm)			Blades
	A	B	C	
LWAA4D(E)550S(B)-5KB-XX	214	174	5	
LWAA6D(E)550S(B)-5KB-XX	214	174	5	
LWAA4D(E)550MS(B)-5KB-XX	214	174	5	
LWAA6D550MS(B)-5KB-XX	214	174	5	
LWAA4D550TS(B)-7KB-XX	234	194	7	
LWAA6D550TS(B)-7KB-XX	214	174	7	
LWAA4D550FS-7KB-XX	214	174	7	

LWAA-560 Series

Product Characteristic

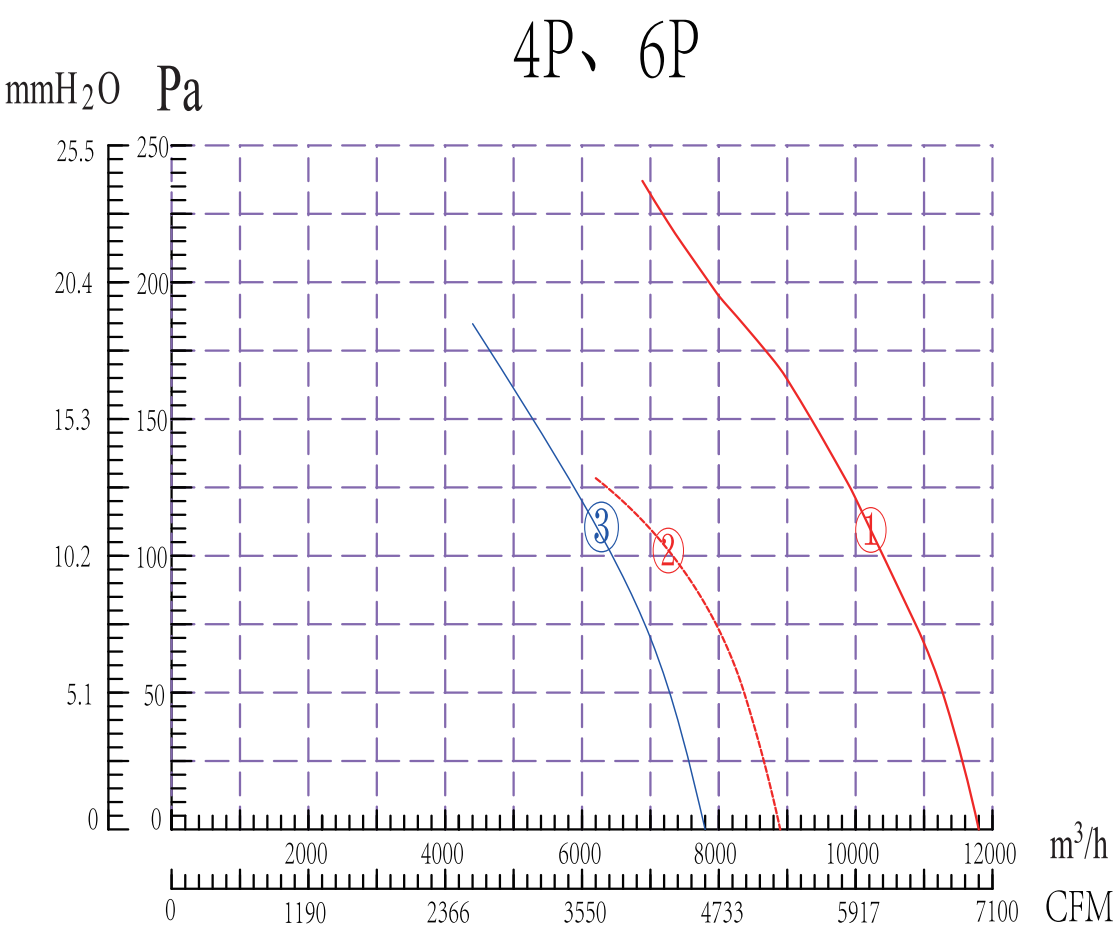
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage V	Frequency Hz	Current A	Power W	Speed RPM	Air Volume m³/h(Max)	Static Pressure Pa(Max)	Capacitor uF	Noise dB(A)	N.W kg	Curve
LWAA4D560S-7EB-01	400(▲)	50	2.42	1260	1320	11800	150	/	86	21	①
LWAA4D560S-7EB-02	400(Y)	50	1.51	680	920	8900	70	/	76	21	②
LWAA6E560S-7EB-03	220	50	2.37	535	920	7800	75	12	76	20.5	③
LWAA6D560S-7EB-04	400(▲)	50	0.84	440	880	7800	68	/	76	20.5	③

Flow Rate Curve

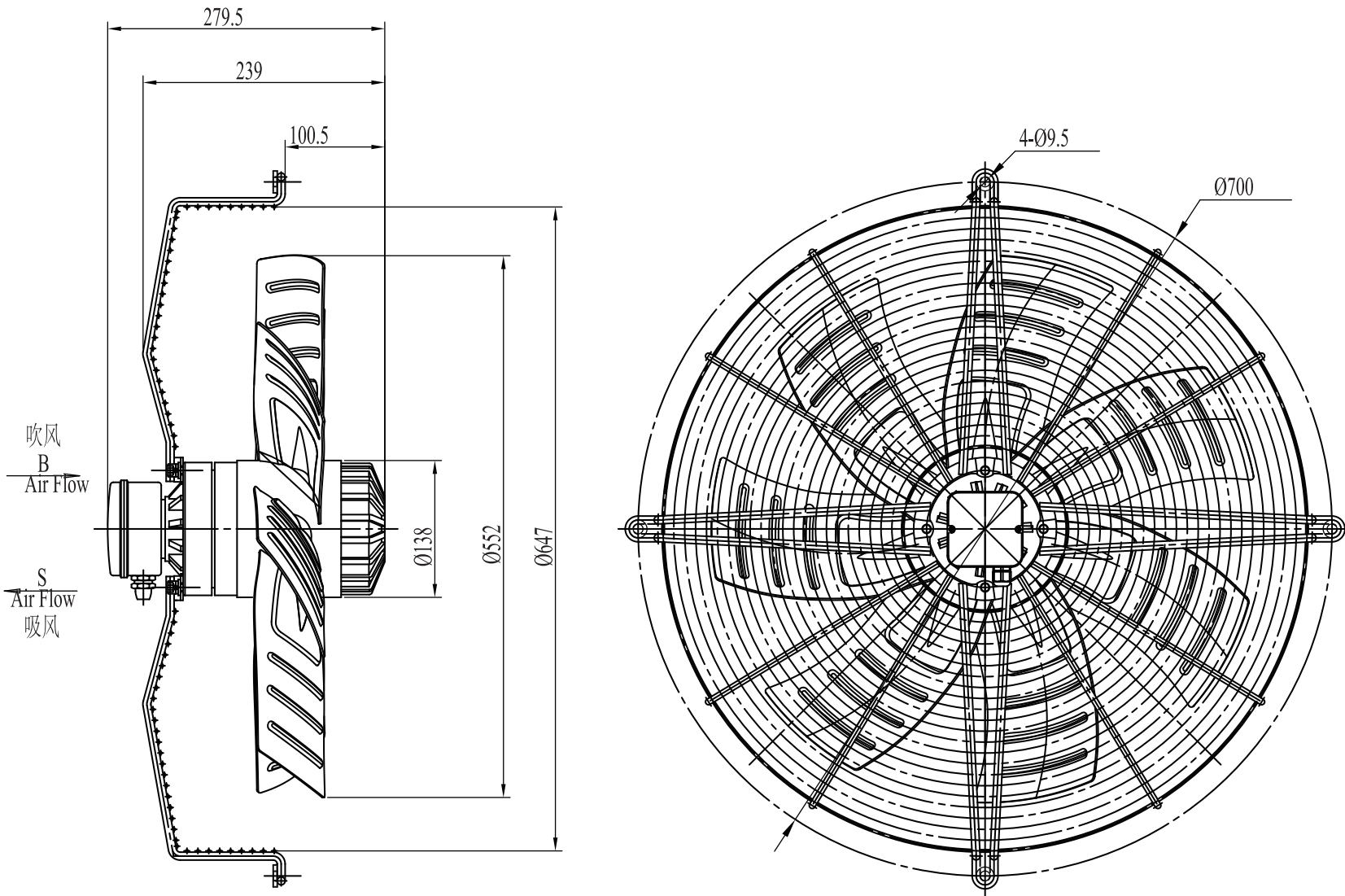


Installation Form Of The Fan

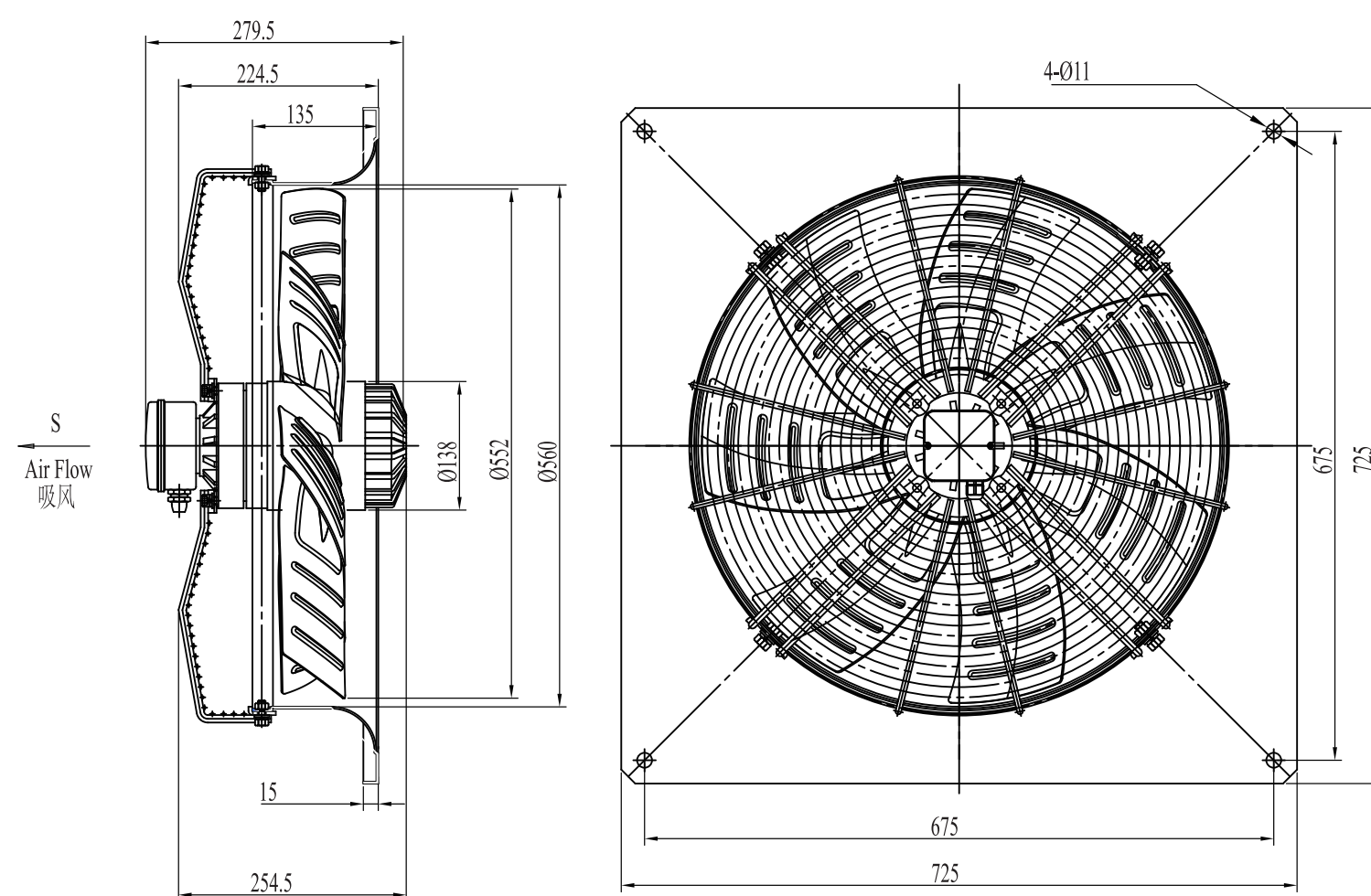
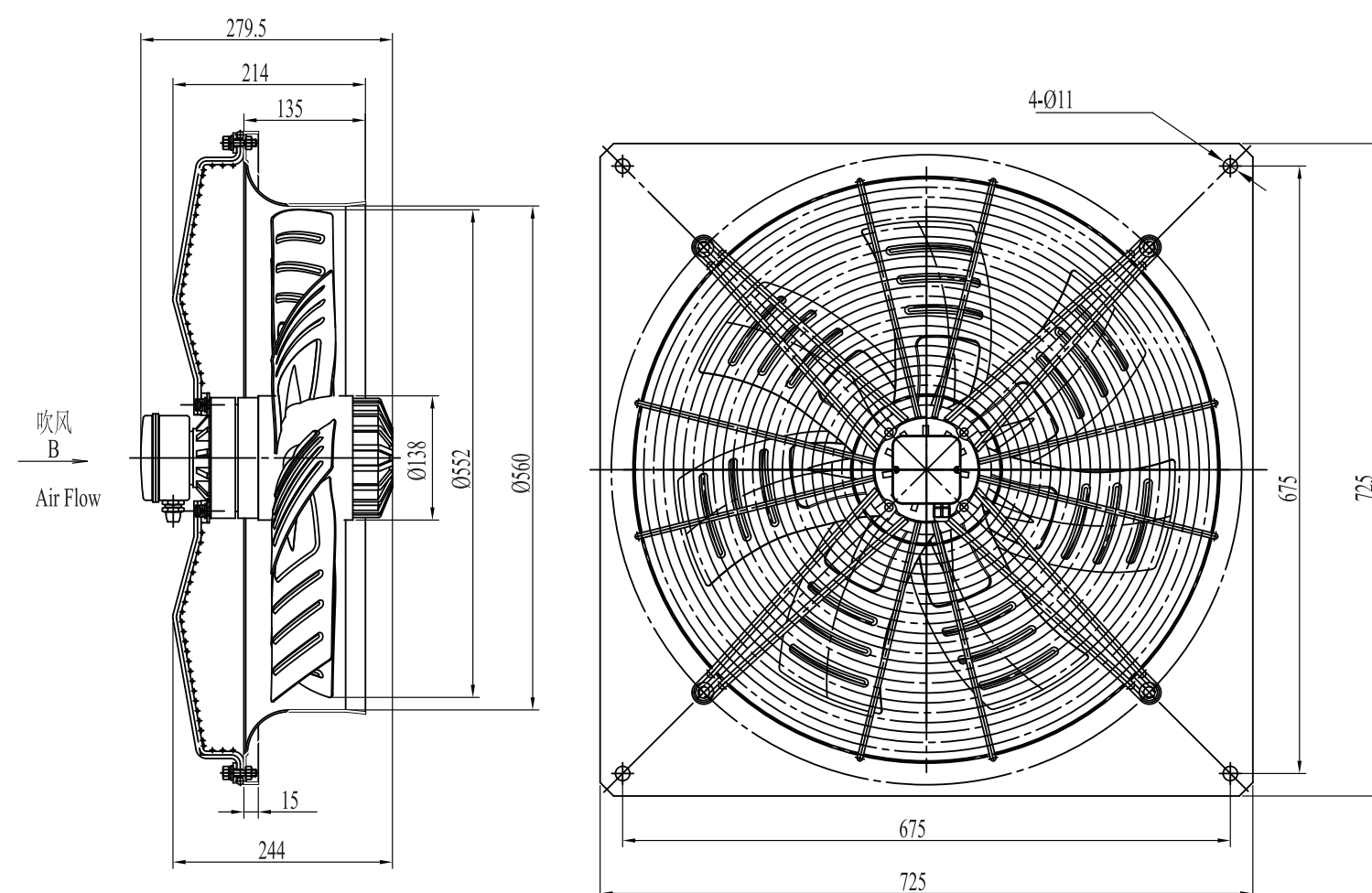
/	/	/	Model NO.E	/	Model NO.G	Model NO.K

Product Drawing

Standard Version



Customization Available



LWAA-600 Series

Product Characteristic

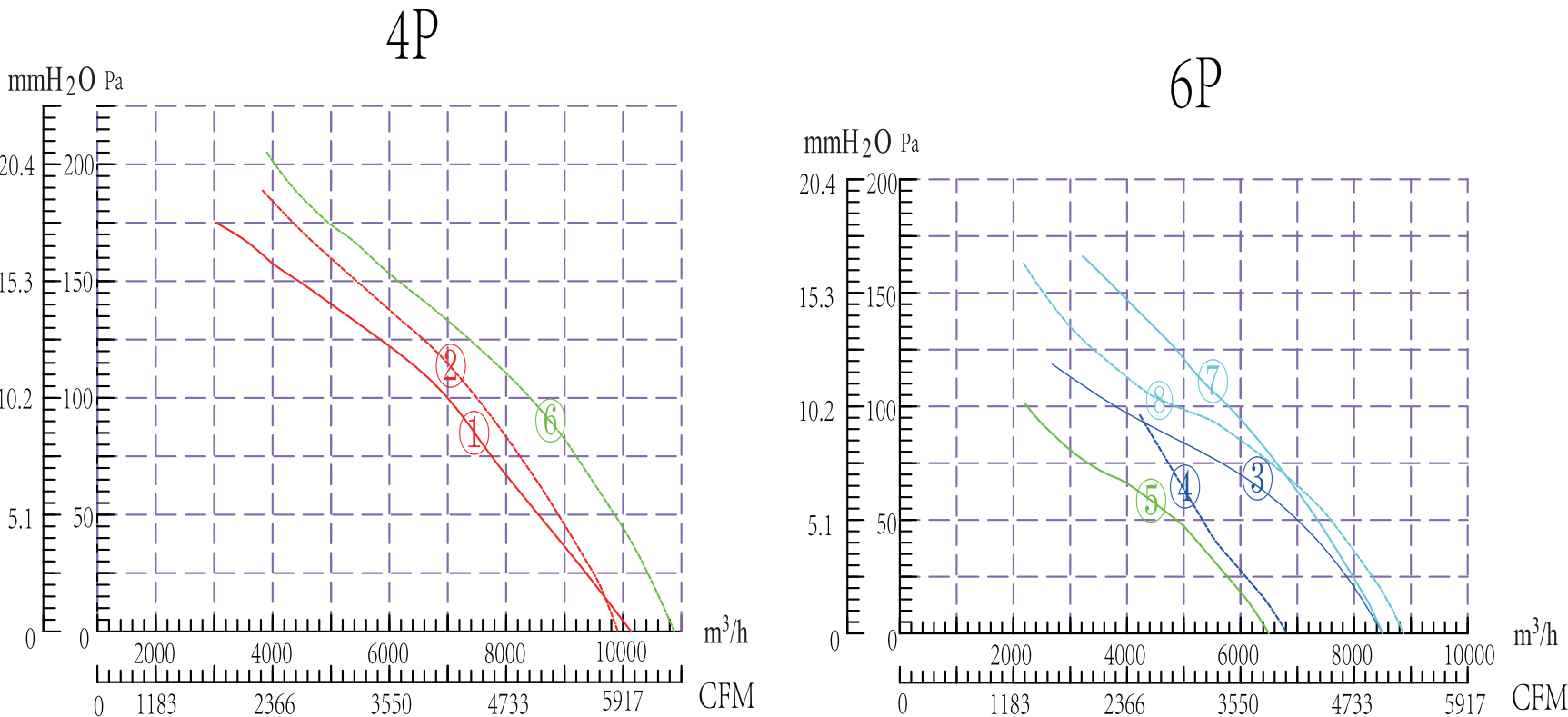
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D600S-5EB-06	380	50	1.60	760	1360	10700	120	/	75	13.8	①
LWAA4D600S-5EB-07	400	60	2.00	950	1500	9900	115	/	78	13.8	②
LWAA4E600S-5EB-08	220	50	3.90	830	1385	10162	120	15	75	13.8	①
LWAA4E600S-5EB-09	230	60	4.20	950	1620	9900	115	12	78	13.8	②
LWAA6D600S-5EB-10	380	50	1.18	440	915	8500	80	/	70	13.6	③
LWAA6D600S-5EB-11	400	60	0.65	350	1000	6825	78	/	72	13.6	④
LWAA6E600S-5EB-12	220	50	1.50	320	930	6500	70	12	70	13.6	⑤
LWAA6E600S-5EB-13	230	60	1.80	360	1100	6825	78	12	72	13.6	④
LWAA4D600S-5EB-14	380	50	2.60	750	1400	10900	115	/	76	13.8	⑥
LWAA6E600S-5EB-15	230	60	2.80	580	1020	8925	72	/	64	13.4	⑧
LWAA6D600S-6EB-16	380	50	1.35	480	900	8500	80	12	62	13.4	⑦
LWAA6D600S-6EB-17	400	60	1.40	620	1020	8925	72	/	64	13.4	⑧

Flow Rate Curve

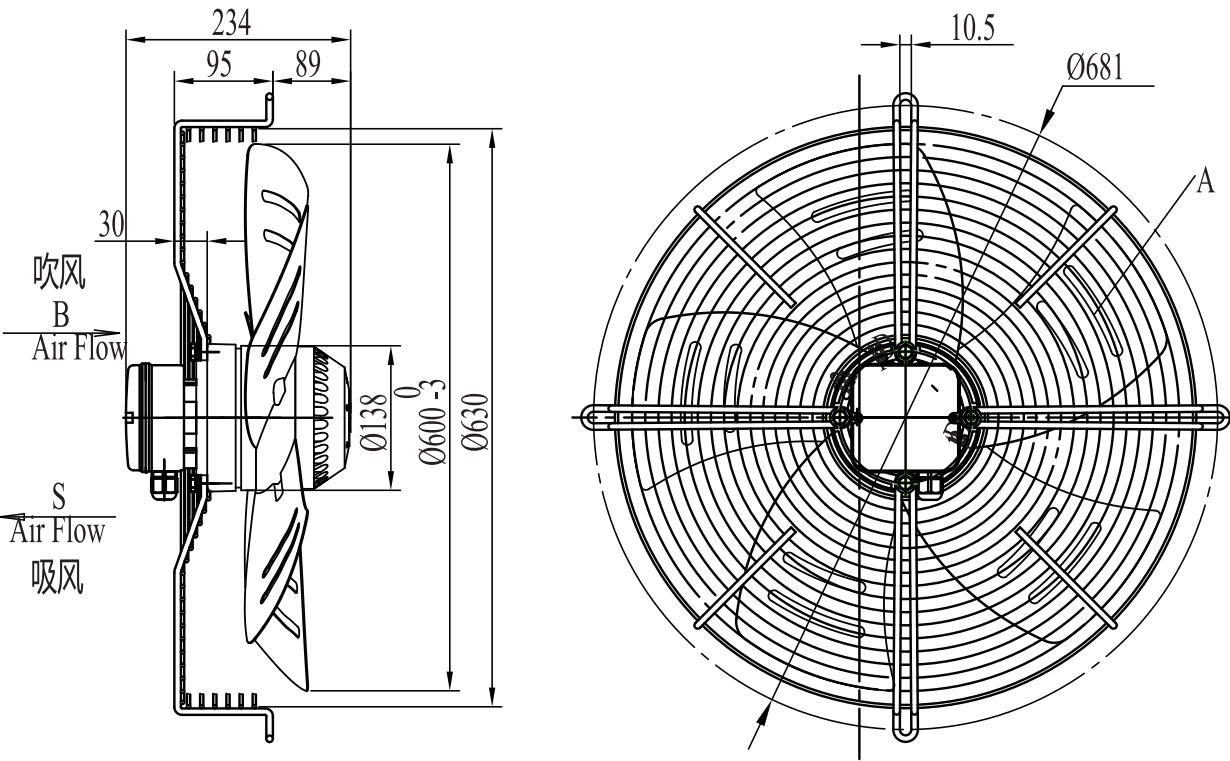


Installation Form Of The Fan

Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

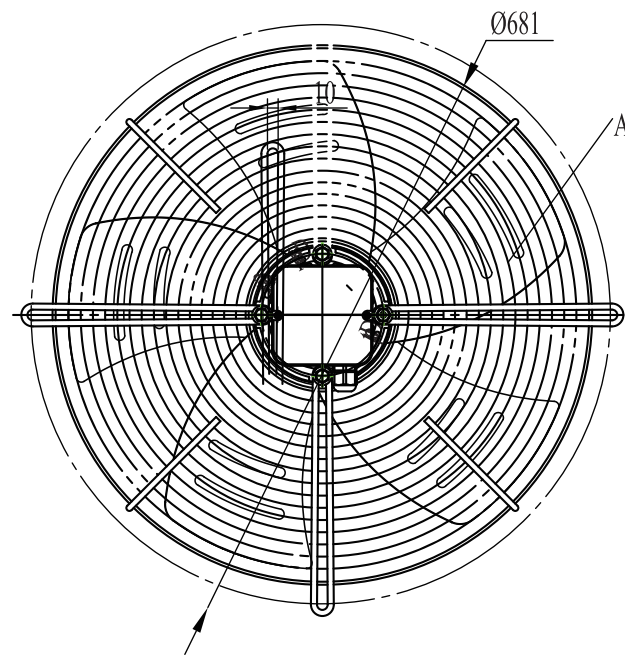
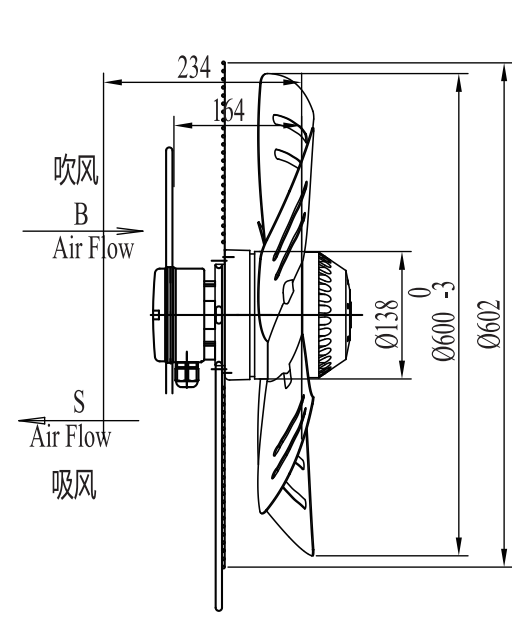
Product Drawing

Standard Version

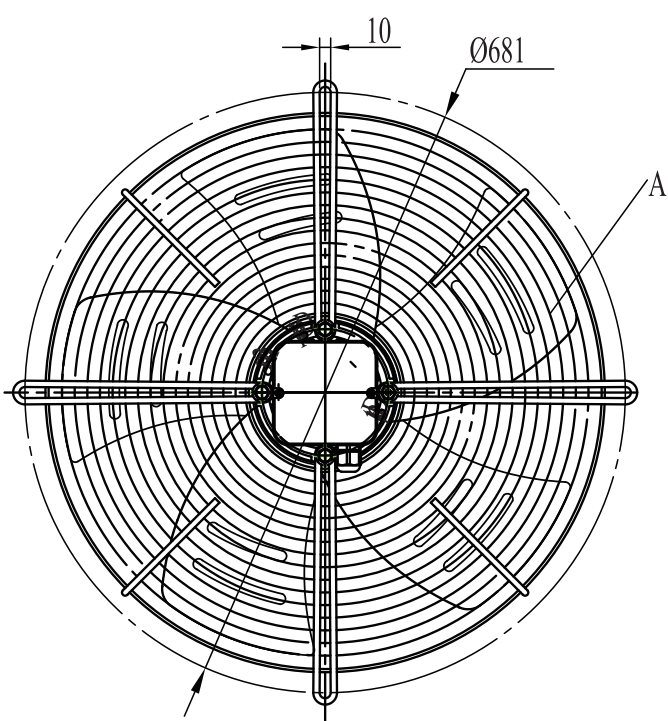
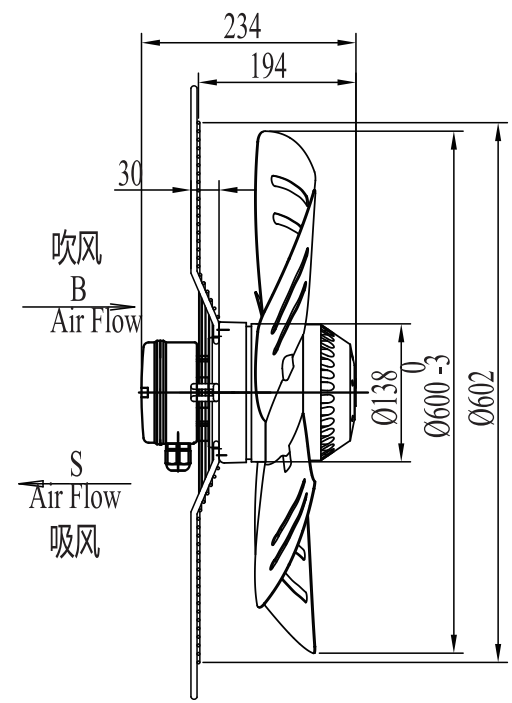


Model NO.E	Blades
	A
LWAA4D(E)600S(B)-5EB-XX	5
LWAA6D(E)600S(B)-5EB-XX	5
LWAA4D600MS(B)-5EB-XX	5
LWAA6D(E)600MS(B)-6EB-XX	6

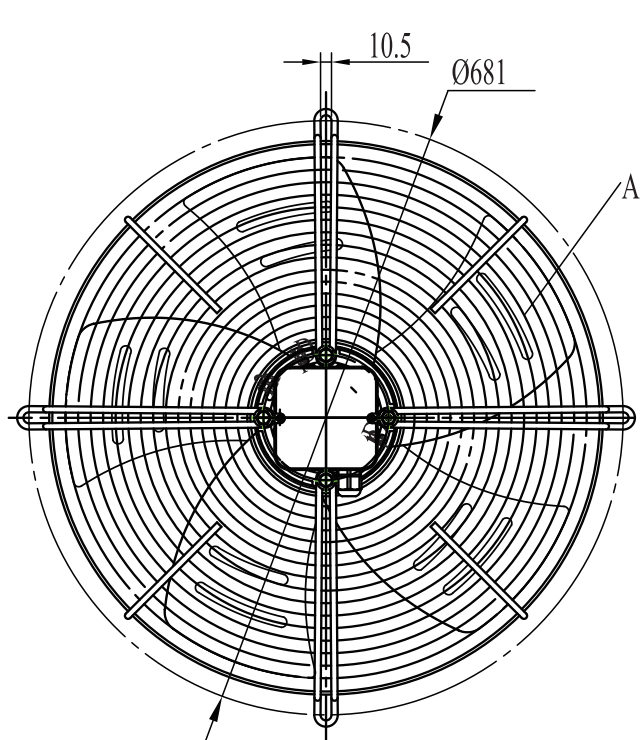
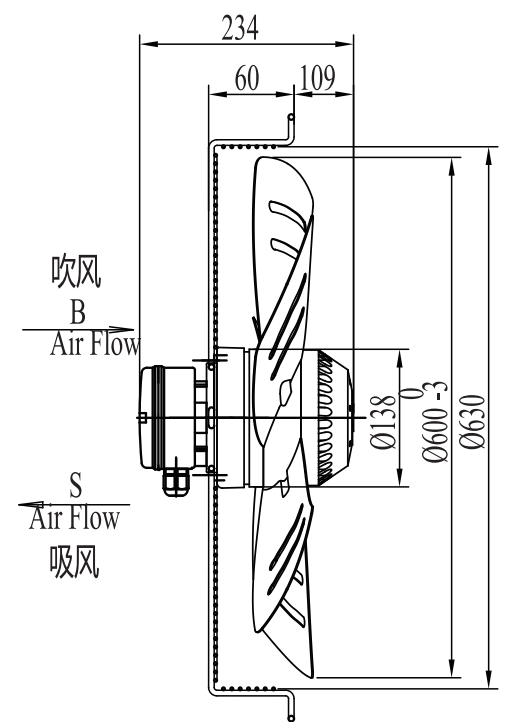
Customization Available



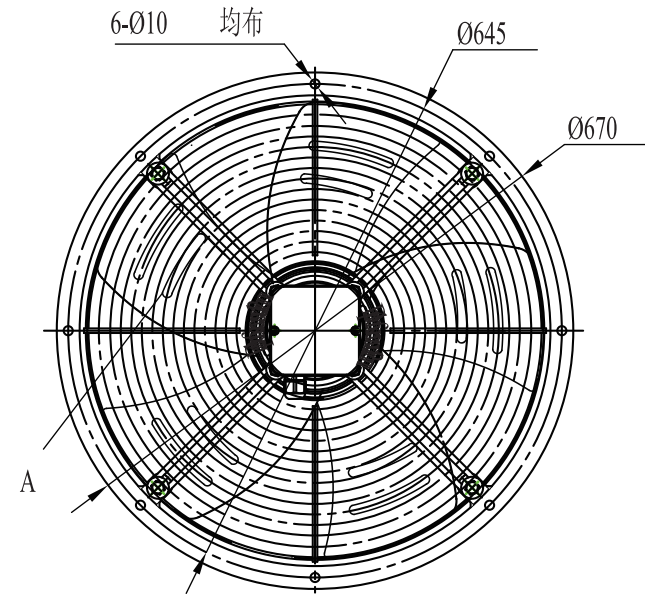
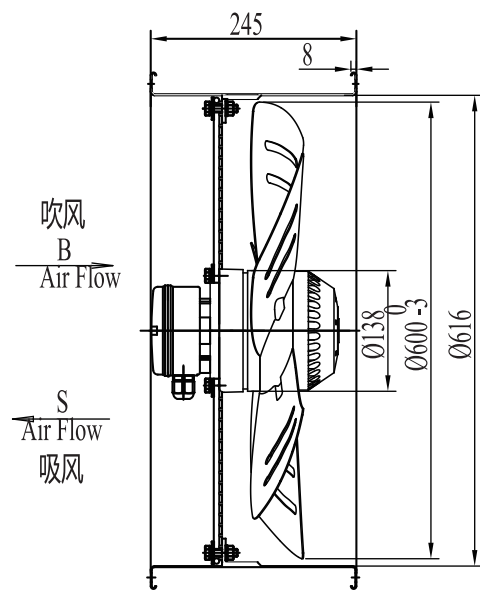
Model NO.B	Blades
	A
LWAA4D(E)600S(B)-5BB-XX	5
LWAA6D(E)600S(B)-5BB-XX	5
LWAA4D600MS(B)-5BB-XX	5
LWAA6D(E)600MS(B)-6BB-XX	6



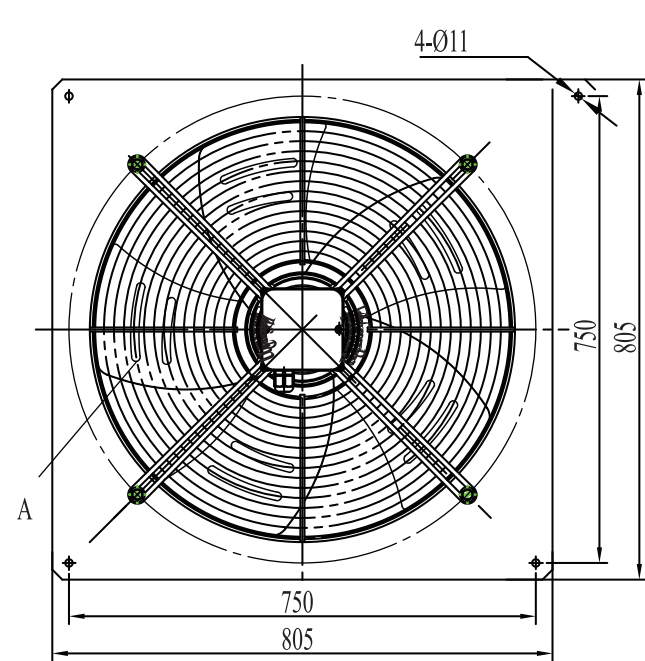
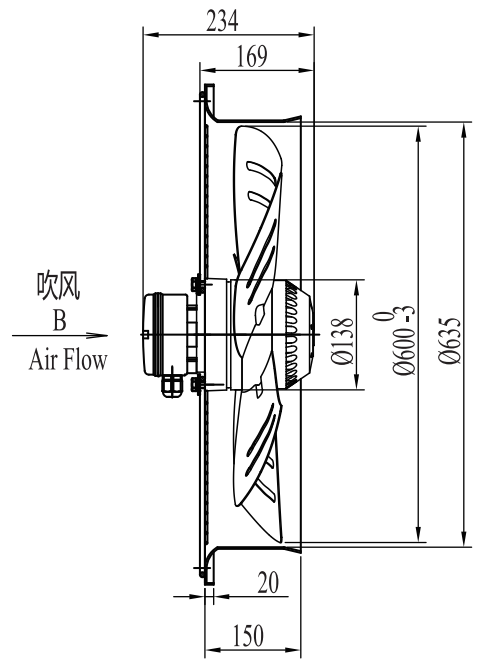
Model NO.C	Blades
	A
LWAA4D(E)600S(B)-5CB-XX	5
LWAA6D(E)600S(B)-5CB-XX	5
LWAA4D600MS(B)-5CB-XX	5
LWAA6D(E)600MS(B)-6CB-XX	6



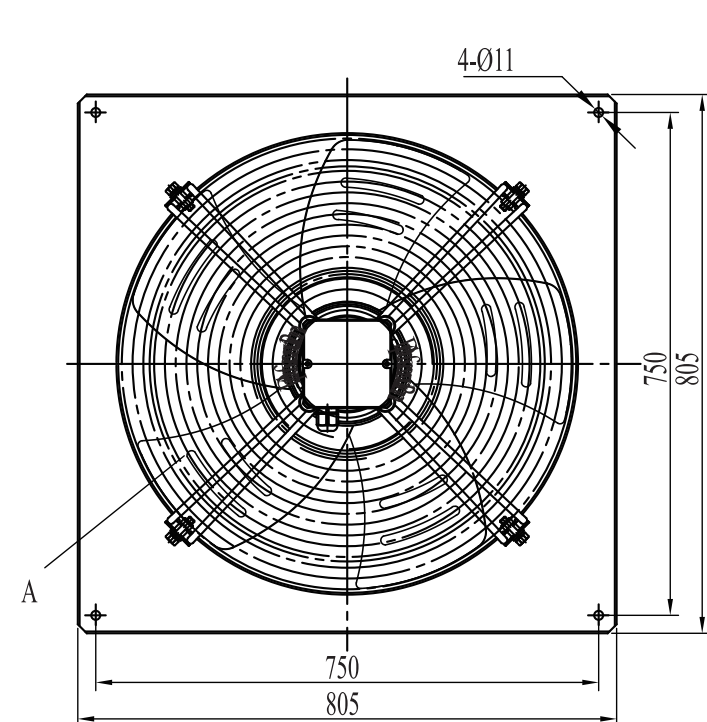
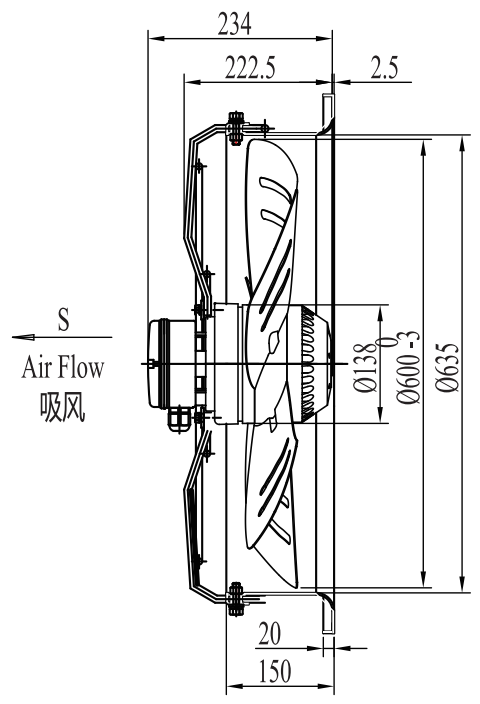
Model NO.D	Blades
	A
LWAA4D(E)600S(B)-5DB-XX	5
LWAA6D(E)600S(B)-5DB-XX	5
LWAA4D600MS(B)-5DB-XX	5
LWAA6D(E)600MS(B)-6DB-XX	6



Model NO.H	Blades
	A
LWAA4D(E)600S(B)-5HB-XX	5
LWAA6D(E)600S(B)-5HB-XX	5
LWAA4D600MS(B)-5HB-XX	5
LWAA6D(E)600MS(B)-6HB-XX	6



Model NO.G	Blades
	A
LWAA4D(E)600S(B)-5GB-XX	5
LWAA6D(E)600S(B)-5GB-XX	5
LWAA4D600MS(B)-5GB-XX	5
LWAA6D(E)600MS(B)-6GB-XX	6



Model NO.K	Blades
	A
LWAA4D(E)600S(B)-5KB-XX	5
LWAA6D(E)600S(B)-5KB-XX	5
LWAA4D600MS(B)-5KB-XX	5
LWAA6D(E)600MS(B)-6KB-XX	6

LWAA-630 Series

Product Characteristic

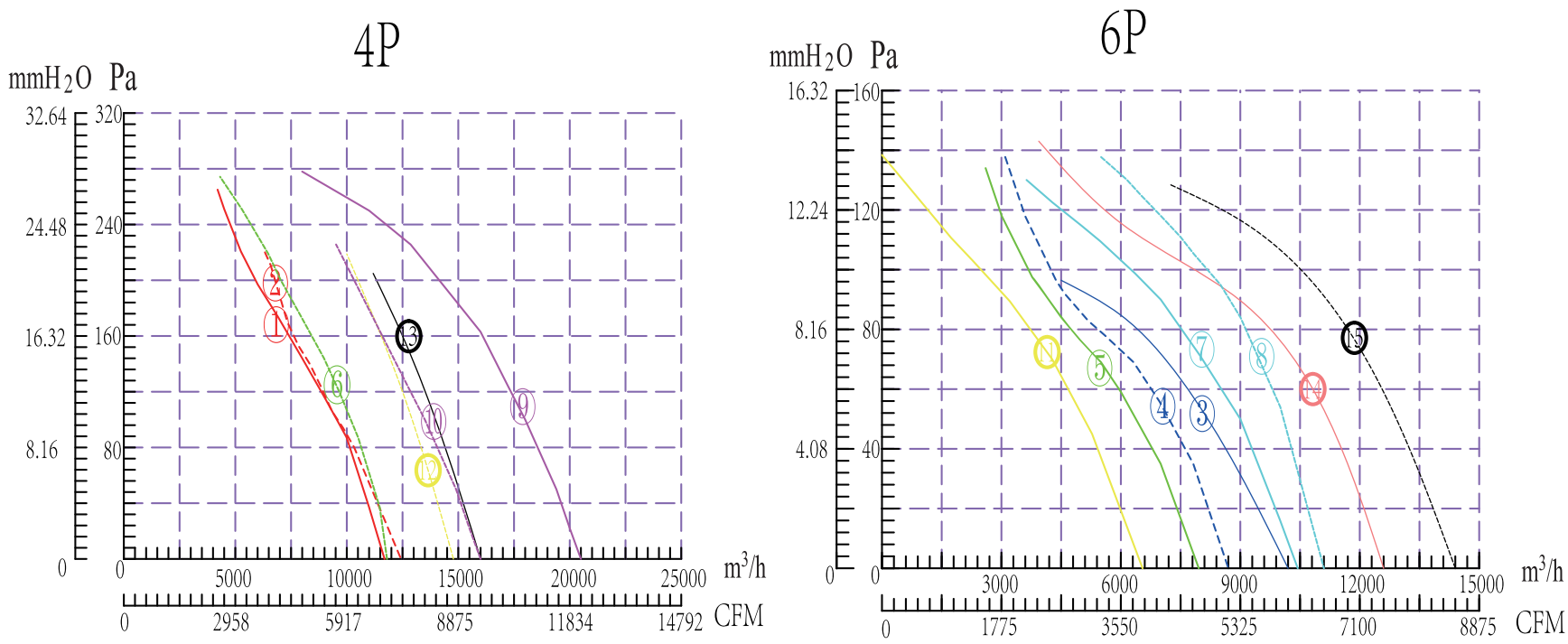
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA4D630S-5EB-07	380	50	1.80	800	1300	11695	120	/	78	15.2	①
LWAA4D630S-5EB-08	400	60	2.40	1200	1600	12280	125	/	80	15.2	②
LWAA4E630S-5EB-09	220	50	4.70	1040	1350	11695	120	12	78	15.2	①
LWAA4E630S-5EB-10	230	60	4.70	950	1620	12280	125	10	80	15.2	②
LWAA6D630S-5EB-11	380	50	1.90	580	910	9862	95	/	68	15.5	③
LWAA6D630S-5EB-12	400	60	1.20	500	1060	8360	105	/	70	15.5	④
LWAA6E630S-5EB-13	220	50	1.70	360	920	7960	90	12	68	15.5	⑤
LWAA6E630S-5EB-14	230	60	2.50	500	1000	8360	105	12	70	15.5	④
LWAA4D630S-5EB-15	380	50	2.65	1000	1380	11700	120	/	78	15.6	⑥
LWAA6D630S-6EB-16	380	50	1.48	480	920	10445	68	/	68	15.2	⑦
LWAA6D630S-6EB-17	400	60	2.00	880	1000	10970	70	/	70	15.2	⑧
LWAA4D630S-7EB-18	400(▲)	50	5.20	2730	1320	20500	200	/	83	33.5	⑨
LWAA4D630S-7EB-19	400(Y)	50	3.30	1680	1010	16000	125	/	78	33.5	⑩
LWAA6D630S-5EB-20	380	50	1.10	400	930	6500	100	/	68	21.5	⑪
LWAA4D630S-5EB-21	380	50	2.34	1219	1397	1400	156	/	77	30.5	⑫
LWAA4D630S-5EB-22	400	60	3.25	1954	1563	1600	212	/	80	30.5	⑬
LWAA6D630S-5EB-23	380	50	1.69	777	906	12200	120	/	71	30.5	⑭
LWAA6D630S-5EB-24	400	60	2.07	1172	1014	20500	120	/	74	30.5	⑮

Flow Rate Curve

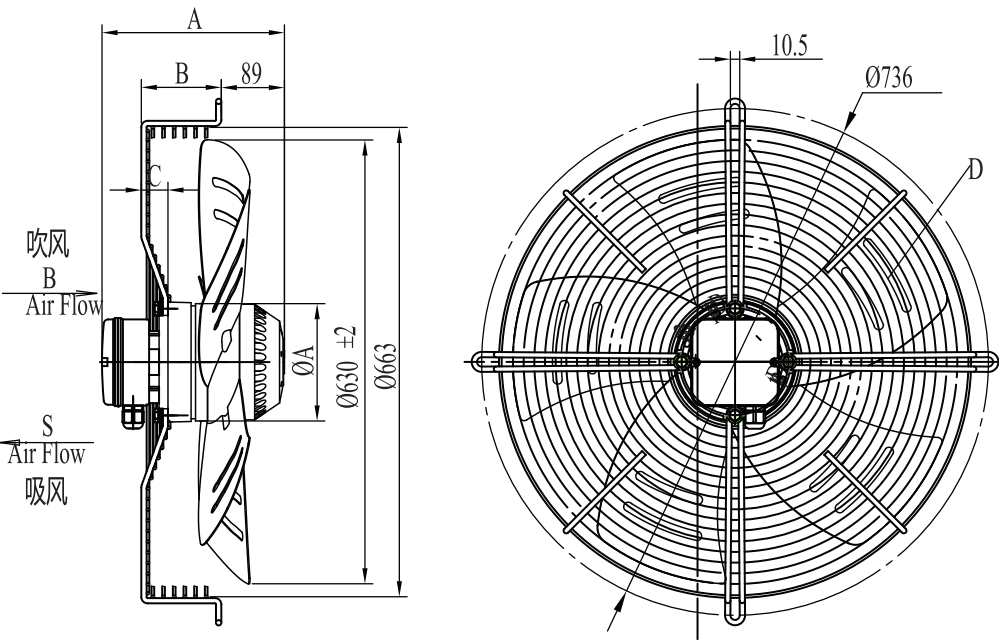


Installation Form Of The Fan

Model NO.B	Model NO.C	Model NO.D	Model NO.E	Model NO.H	Model NO.G	Model NO.K

Product Drawing

Standard Version

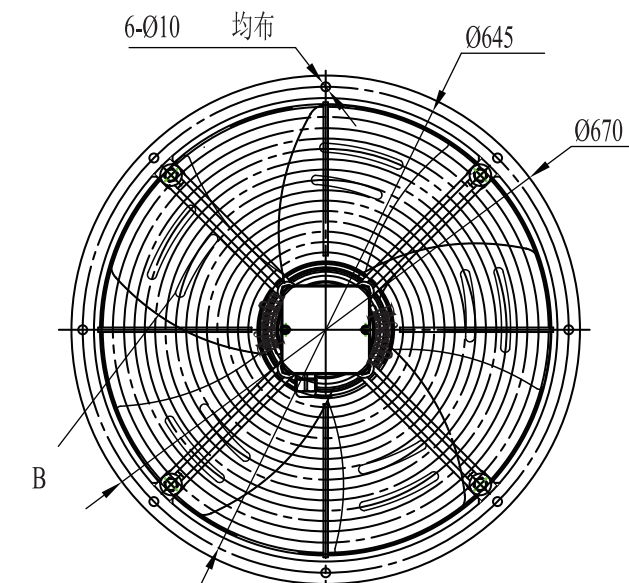
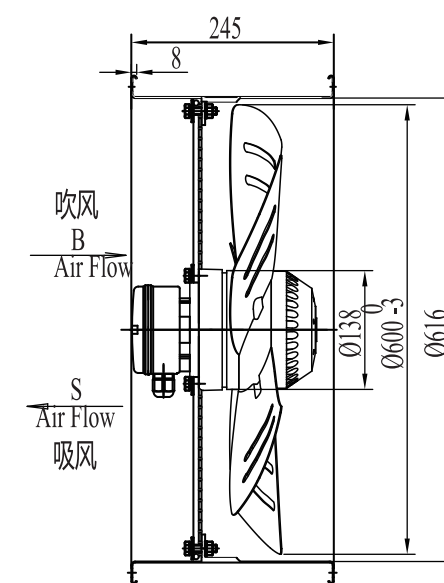


Model NO.E	Dimension(mm)						Blades
	A	B	C	D	E	F	
LWAA4D(E)630S(B)-5EB-XX	234	95	30	138	736		5
LWAA6D(E)630S(B)-5EB-XX	234	95	30	138	736		5
LWAA4D630MS(B)-5EB-XX	234	95	30	138	736		5
LWAA6D630MS(B)-6EB-XX	234	95	30	138	736		6

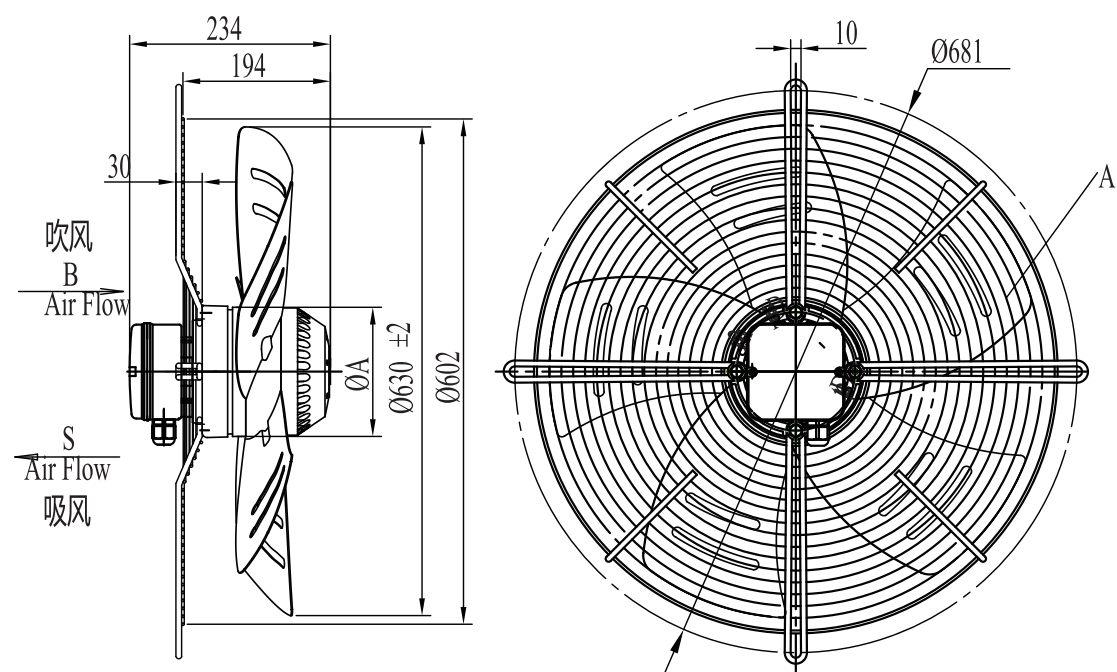
The figure contains two technical drawings of the fan assembly:

- Left View (Side Elevation):** Shows the fan's profile. The total width is 234 units. The distance from the centerline to the outer edge of the blades is 164 units. The blade height is 108 units. The motor housing has a diameter of $\varnothing A$. The overall diameter of the fan frame is $\varnothing 630 \pm 2$, and the maximum outer diameter is $\varnothing 632$.
- Right View (Top Plan View):** Shows the circular arrangement of the blades. There are four main radial support ribs. The distance between adjacent ribs at the outer edge is 10 units. The central hub has a diameter of $\varnothing 736$. The label 'C' points to the blade tips.

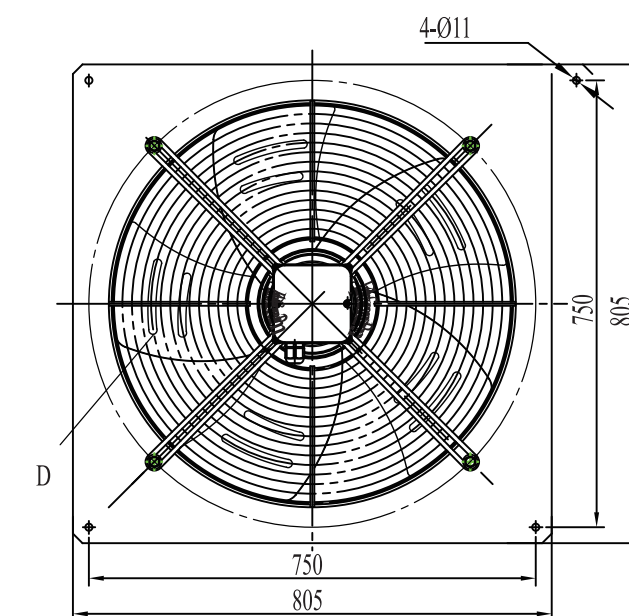
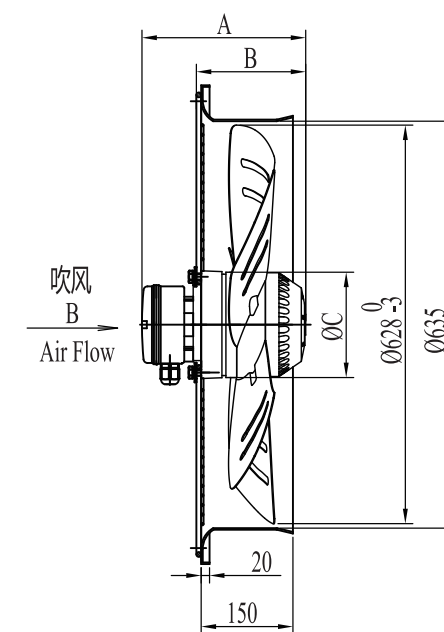
Model NO.B	Dimension(mm)	Blades
	A	C
LWAA4D(E)630S(B)-5BB-XX	138	5
LWAA6D(E)630S(B)-5BB-XX	138	5
LWAA4D630MS(B)-5BB-XX	138	5
LWAA6D630MS(B)-6BB-XX	138	6



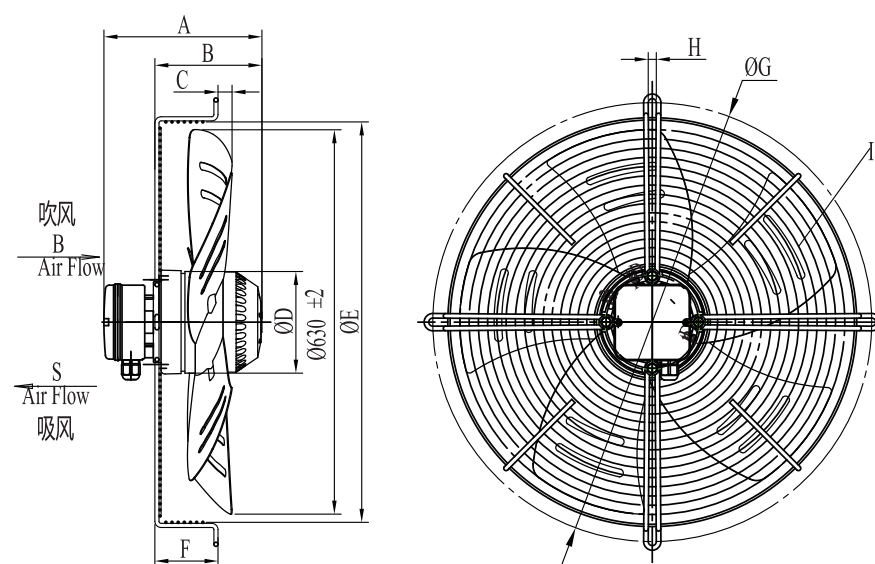
Model NO.H	Dimension(mm)	Blades
	A	B
LWAA4D(E)630S(B)-5HB-XX	138	5
LWAA6D(E)630S(B)-5HB-XX	138	5
LWAA4D630MS(B)-5HB-XX	138	5
LWAA6D630MS(B)-6HB-XX	138	6



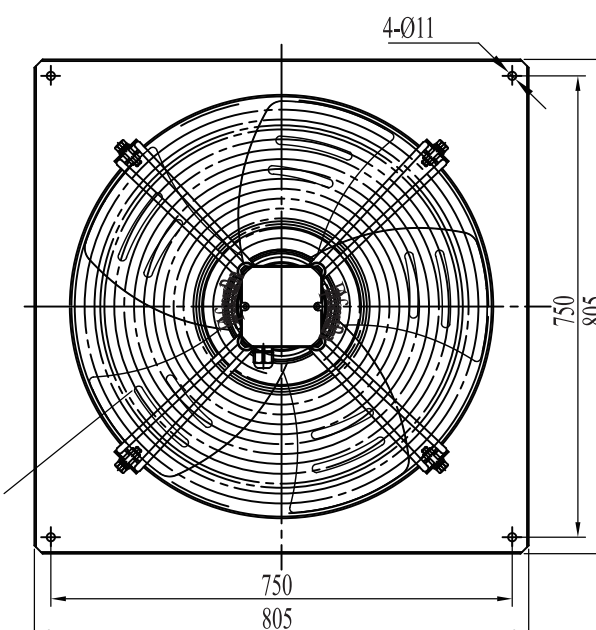
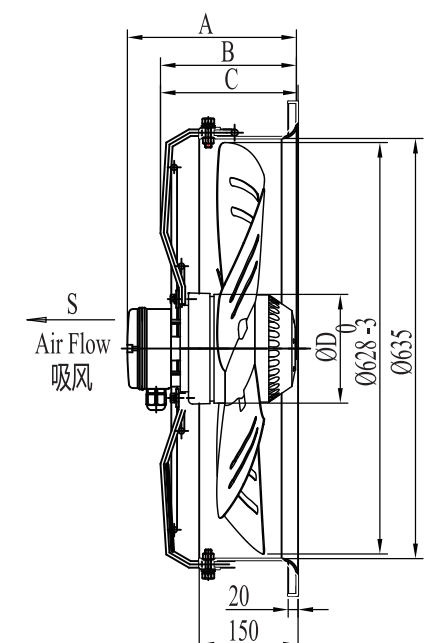
Model NO.C	Dimension(mm)		Blades
	A	B	C
LWAA4D(E)630S(B)-5CB-XX	138	736	5
LWAA6D(E)630S(B)-5CB-XX	138	736	5
LWAA4D630MS(B)-5CB-XX	138	736	5
LWAA6D630MS(B)-6CB-XX	138	736	6



Model NO.G	Dimension(mm)			Blades
	A	B	C	D
LWAA4D(E)630B-5GB-XX	234	169	138	5
LWAA6D(E)630B-5GB-XX	234	169	138	5
LWAA4D630MB-5GB-XX	234	169	138	5
LWAA6D630MB-6GB-XX	234	169	138	6
LWAA4D630GB-7GB-XX	230	165	180	7



Model NO.D	Dimension(mm)								Blades
	A	B	C	D	E	F	G	H	I
LWAA4D(E)630S(B)-5DB-XX	234	169	9	138	663	60	736	10.5	5
LWAA6D(E)630S(B)-5DB-XX	234	169	4	138	663	60	736	10.5	5
LWAA4D630MS(B)-5DB-XX	234	169	52	138	663	60	736	10.5	5
LWAA6D630MS(B)-6DB-XX	234	169	59	138	663	60	736	10.5	6
LWAA4D630GS(B)-7DB-XX	271	224	36	180	696	130	750	10	7



Model NO.K	Dimension(mm)				Blades
	A	B	C	D	E
LWAA4D(E)630S-5KB-XX	234	222.5	225	138	5
LWAA6D(E)630S-5KB-XX	234	222.5	225	138	5
LWAA4D630MS-5KB-XX	234	222.5	225	138	5
LWAA6D630MS-6KB-XX	234	222.5	225	138	6
LWAA4D630GS-7KB-XX	260	248.5	251	180	7

LWAA-710 Series

Product Characteristic

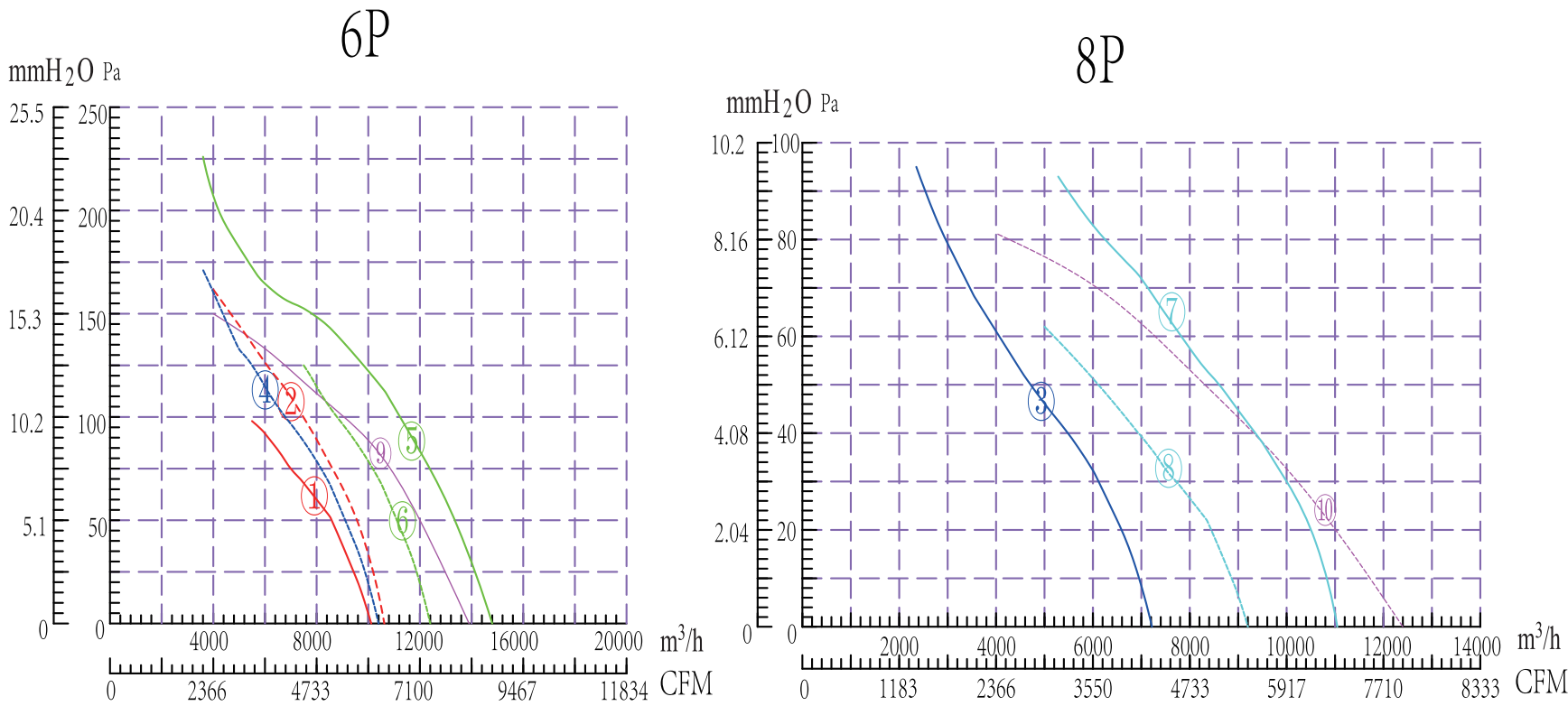
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA6D710S-6EB-08	380	50	1.05	440	810	10165	95	/	68	19.5	①
LWAA6D710S-6EB-09	400	60	1.60	700	1020	10675	85	/	70	19.5	②
LWAA8D710S-6EB-10	380	50	1.36	330	665	7220	75	/	60	19.2	③
LWAA6D710S-7EB-11	380	50	2.05	920	1020	10445	95	/	68	20.5	④
LWAA6D710S-7EB-12	400(▲)	50	1.78	925	930	14800	110	/	77	32	⑤
LWAA6D710S-7EB-13	400(Y)	50	1.25	651	720	12400	65	/	73	32	⑥
LWAA8D710S-7EB-14	400(▲)	50	1.88	450	7000	11200	60	/	70	28.5	⑦
LWAA8D710S-7EB-15	400(Y)	50	0.61	320	530	9200	40	/	62	28.5	⑧
LWAA6D710S-5EB-16	400(▲)	50	2.10	890	910	13950	100	/	73	24	⑨
LWAA6D710S-5EB-17	400(Y)	50	1.10	670	750	12400	60	/	68	24	⑩

Flow Rate Curve

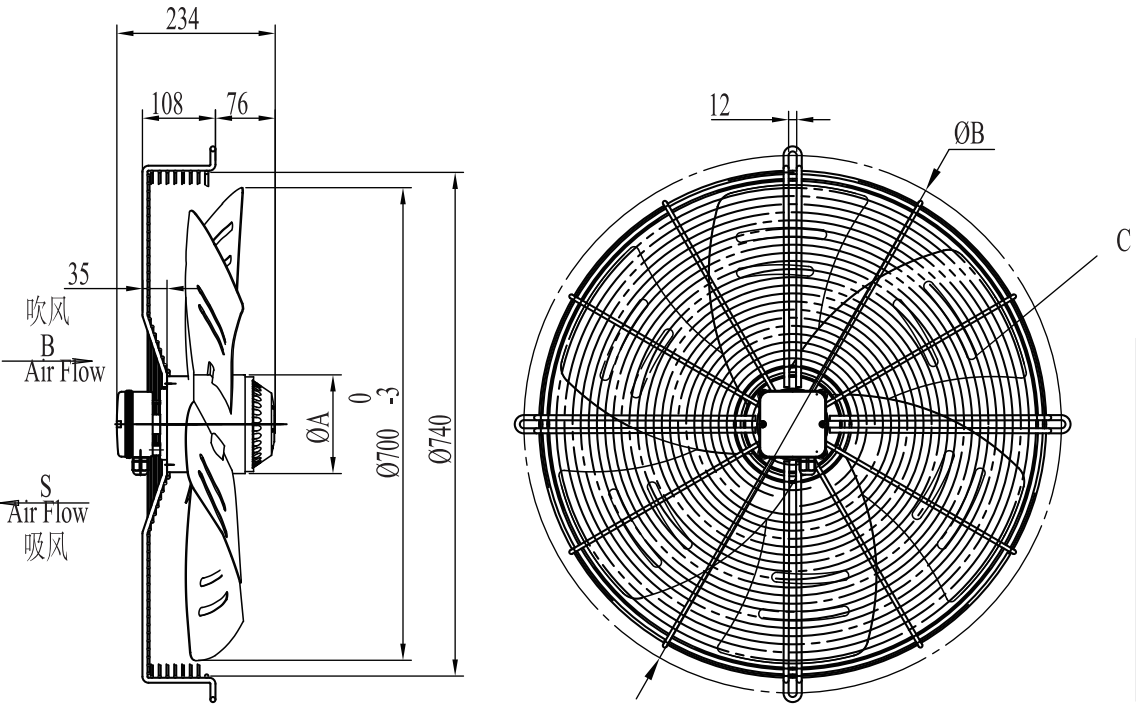


Installation Form Of The Fan

/	/	/	Model NO.E	/	Model NO.G	Model NO.K

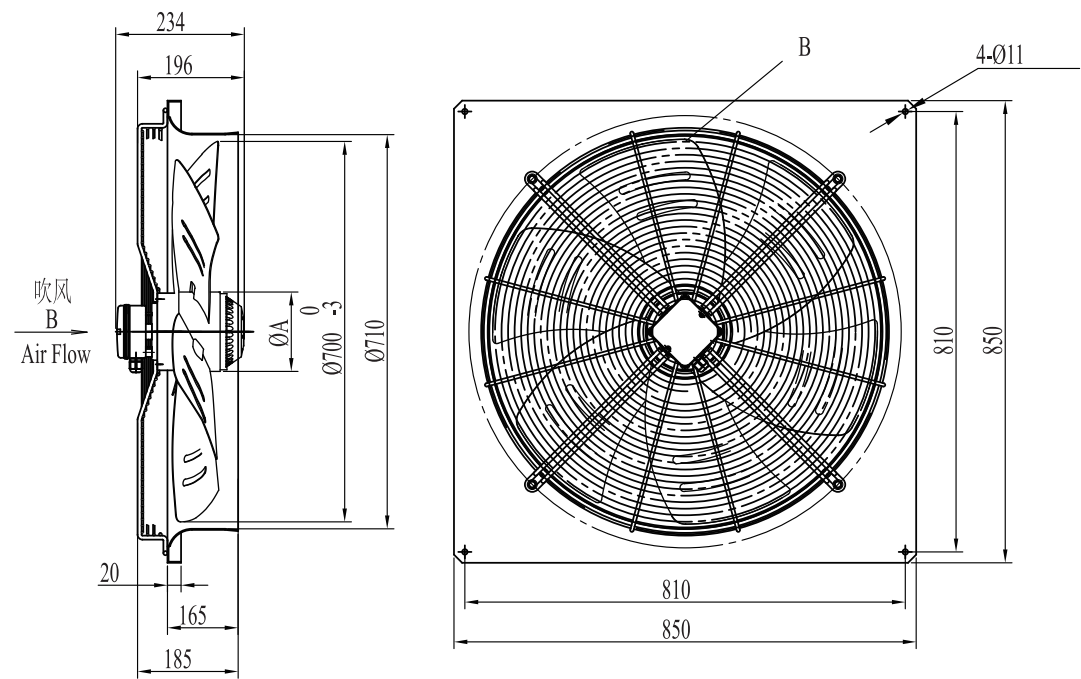
Product Drawing

Standard Version

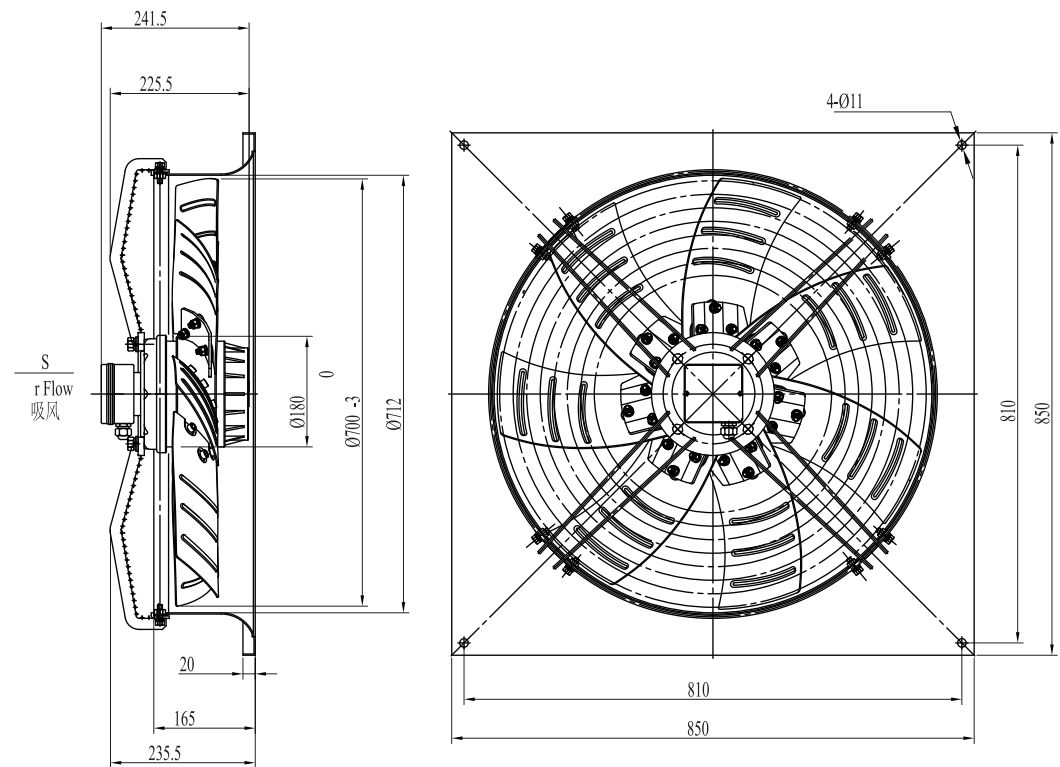
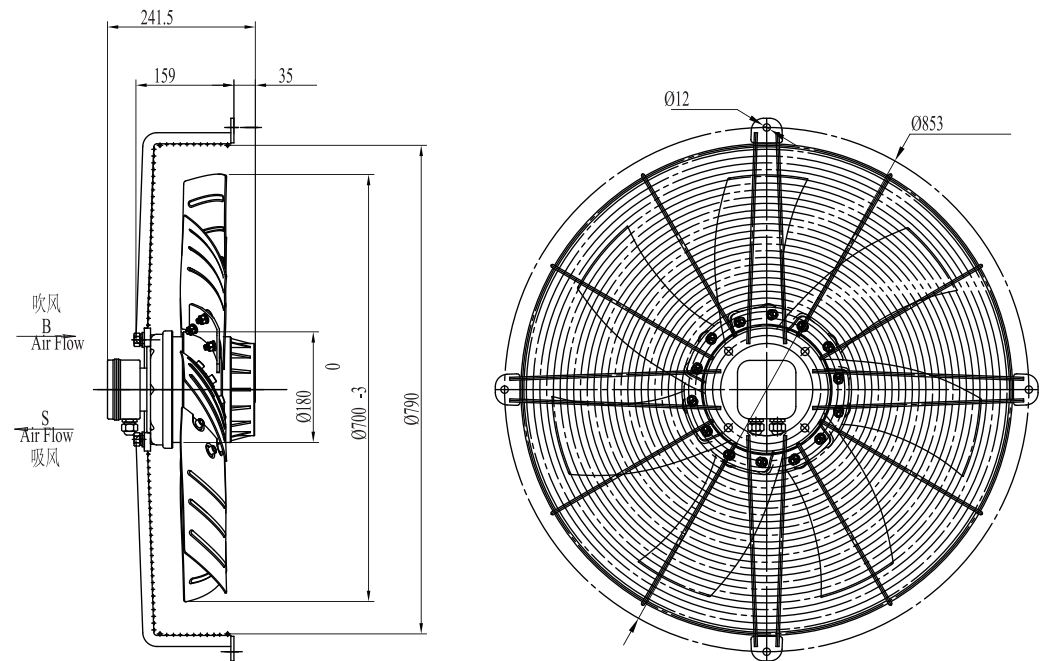


Model NO.E	Dimension(mm)			Blades
	A	B	C	
LWAA6D710S(B)-6EB-XX	138	795	6	
LWAA8D710S(B)-6EB-XX	138	795	6	
LWAA6D710MS(B)-7EB-XX	138	795	7	
LWAA6D710MS(B)-5EB-XX	170	845	5	

Customization Available



Model NO.G	Dimension(mm)		Blades
	A	C	
LWAA6D710GB-7GB-XX	180	7	
LWAA8D710GB-7GB-XX	180	7	
LWAA6D710MB-7GB-XX	138	7	



LWAA-710 Series

Product Characteristic

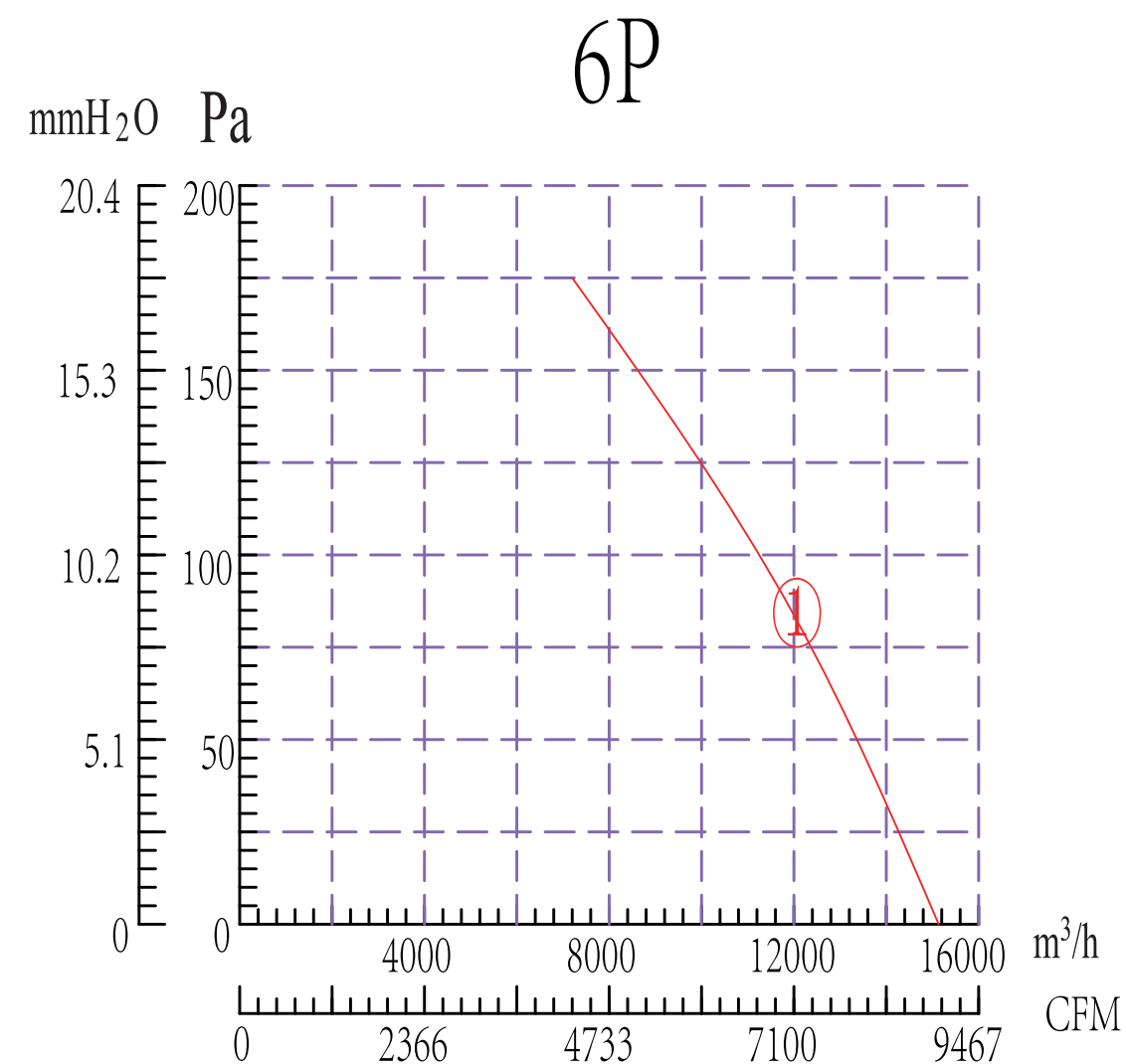
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

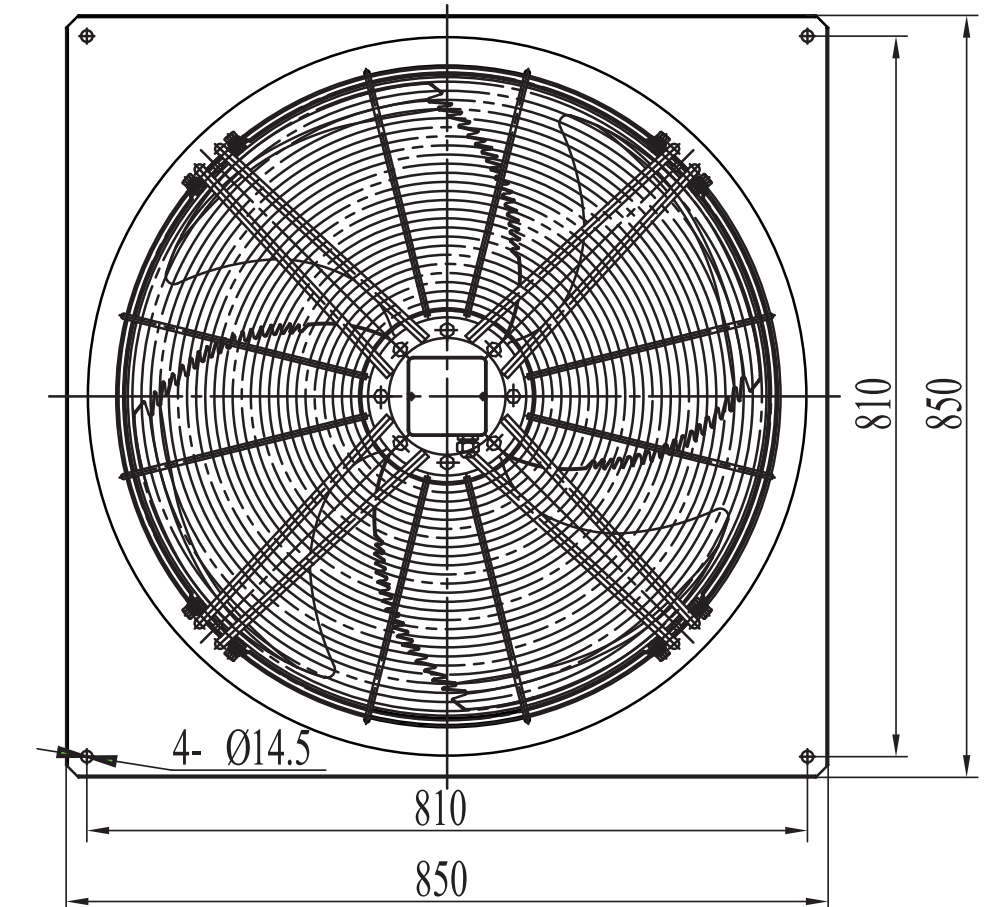
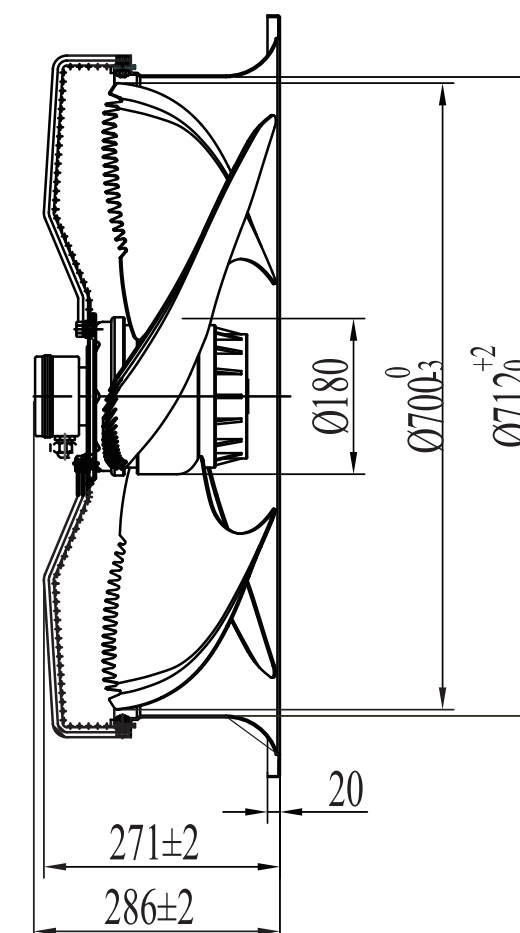
Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA6D710S-4EB-18	380	50	2.40	1110	910	15112	100	/	68	40	①

Flow Rate Curve



Product Drawing

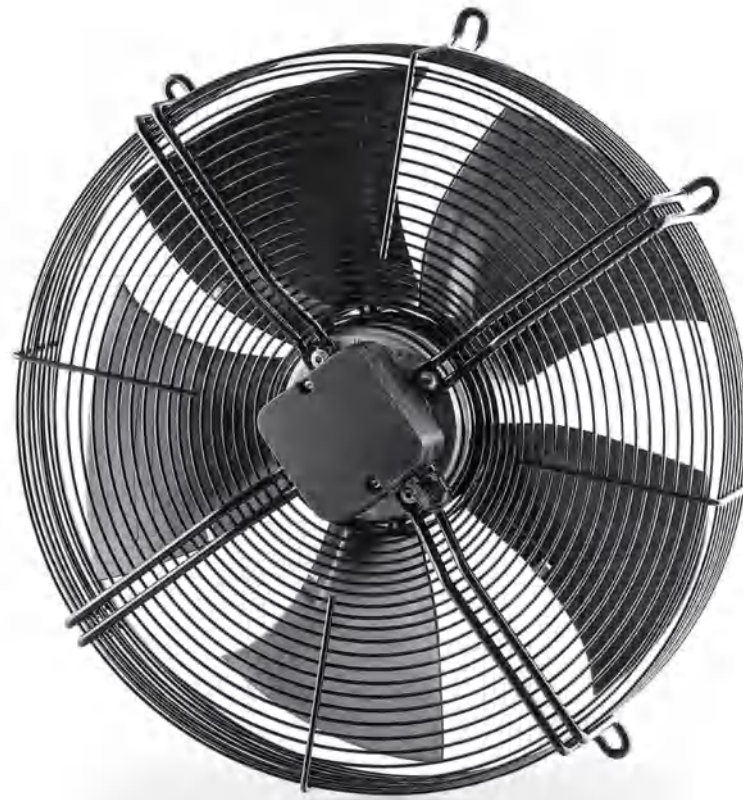
External Rotor Axial Fan Φ710



LWAA-760 Series

Product Characteristic

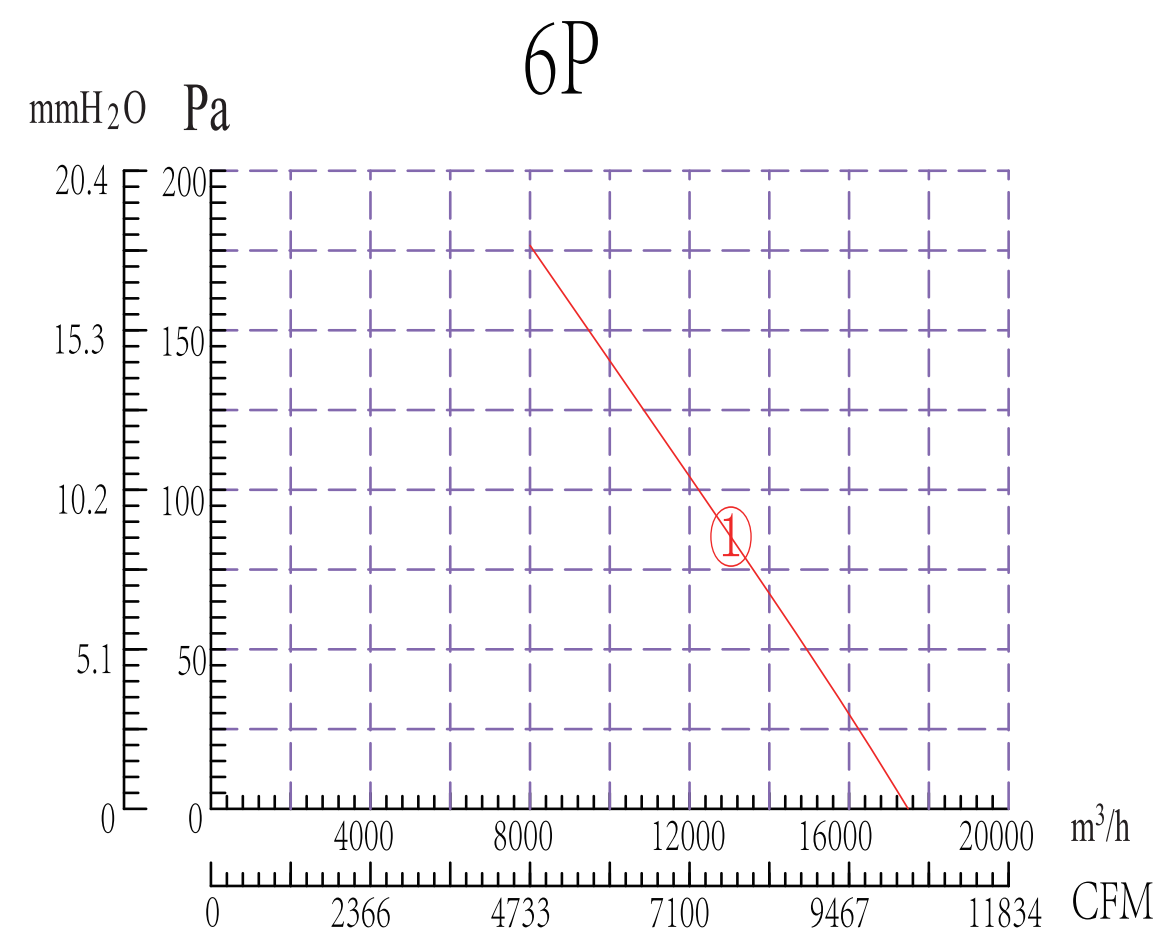
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

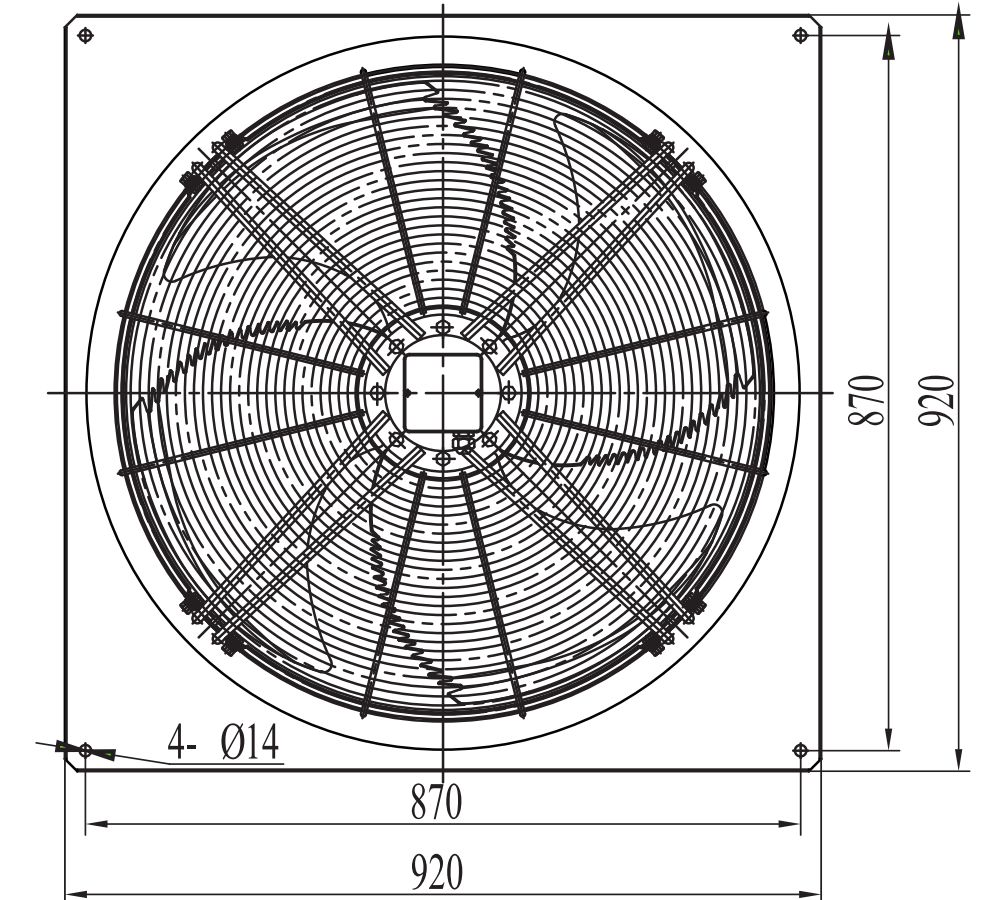
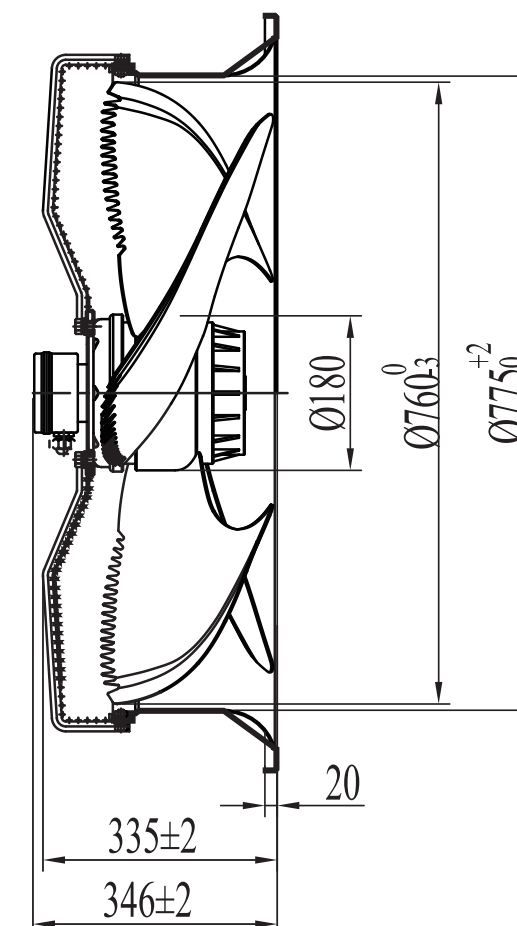
Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA6D760S-4EB-01	380	50	2.80	1270	930	17450	100	/	70	45	①

Flow Rate Curve



Product Drawing

External Rotor Axial Fan Φ760



LWAA-800 Series

Product Characteristic

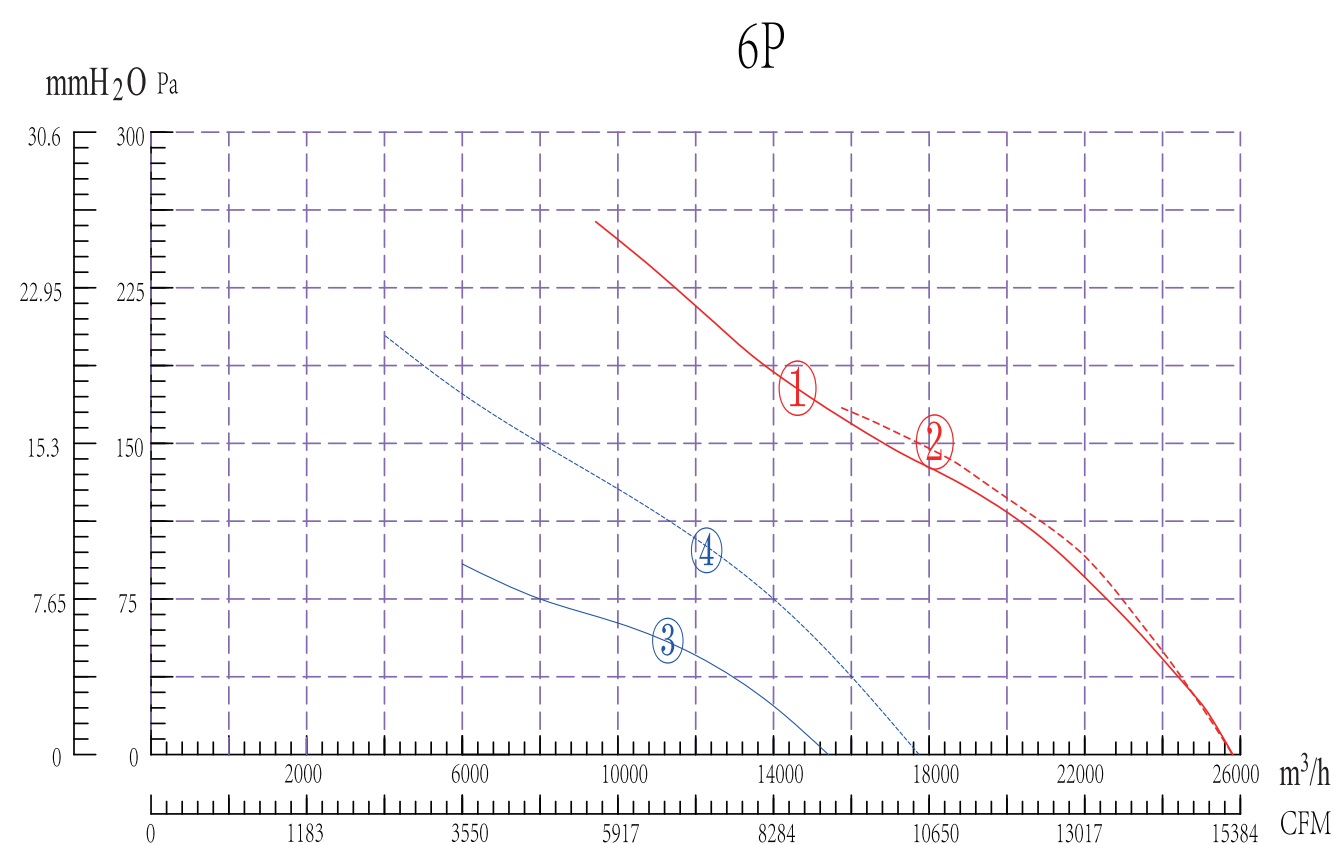
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



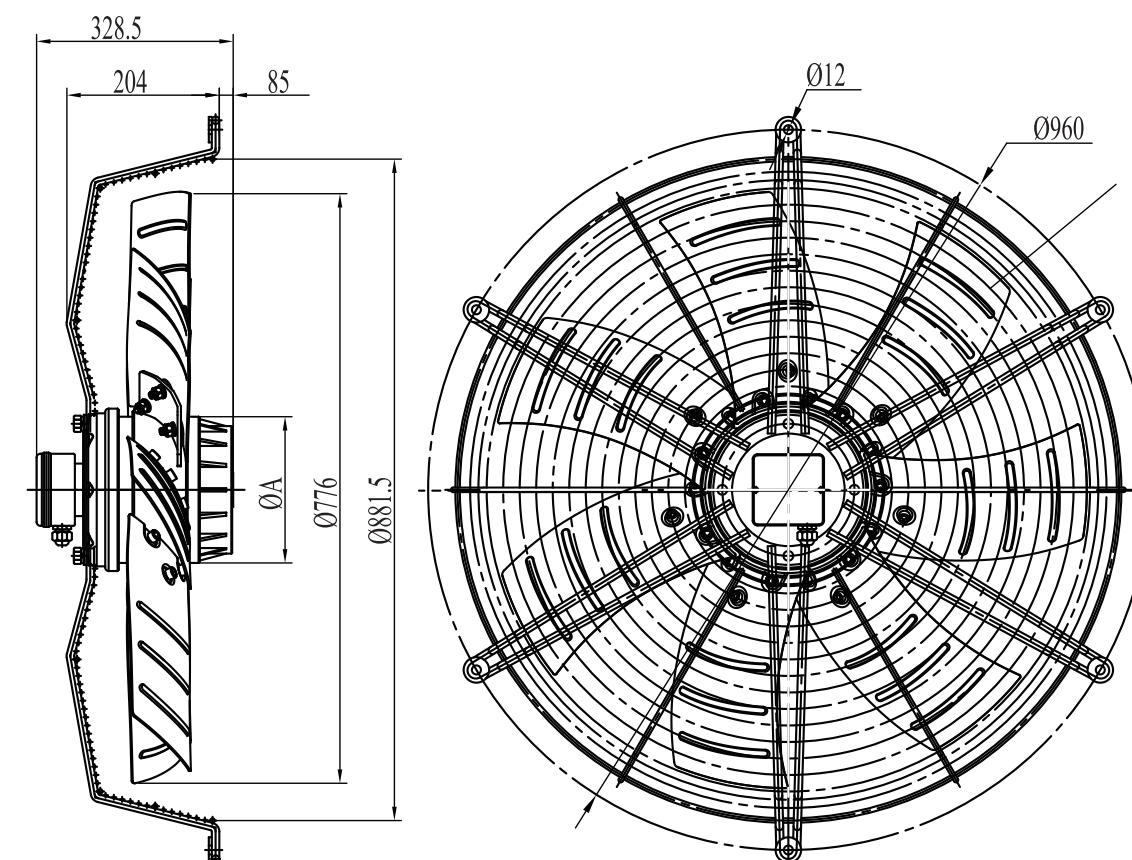
Technical Specifications

Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA6D800S-7EB-07	380	50	4.10	2120	900	25800	120	/	80	35	①
LWAA6D800S-7EB-08	380	60	3.50	1938	1070	25800	135	/	80	35	②
LWAA6D800S-5EB-09	380(▲)	50	2.50	1150	900	17800	125	/	76	27	③
LWAA6D800S-5EB-10	380(Y)	50	1.50	870	710	15400	65	/	71	27	④

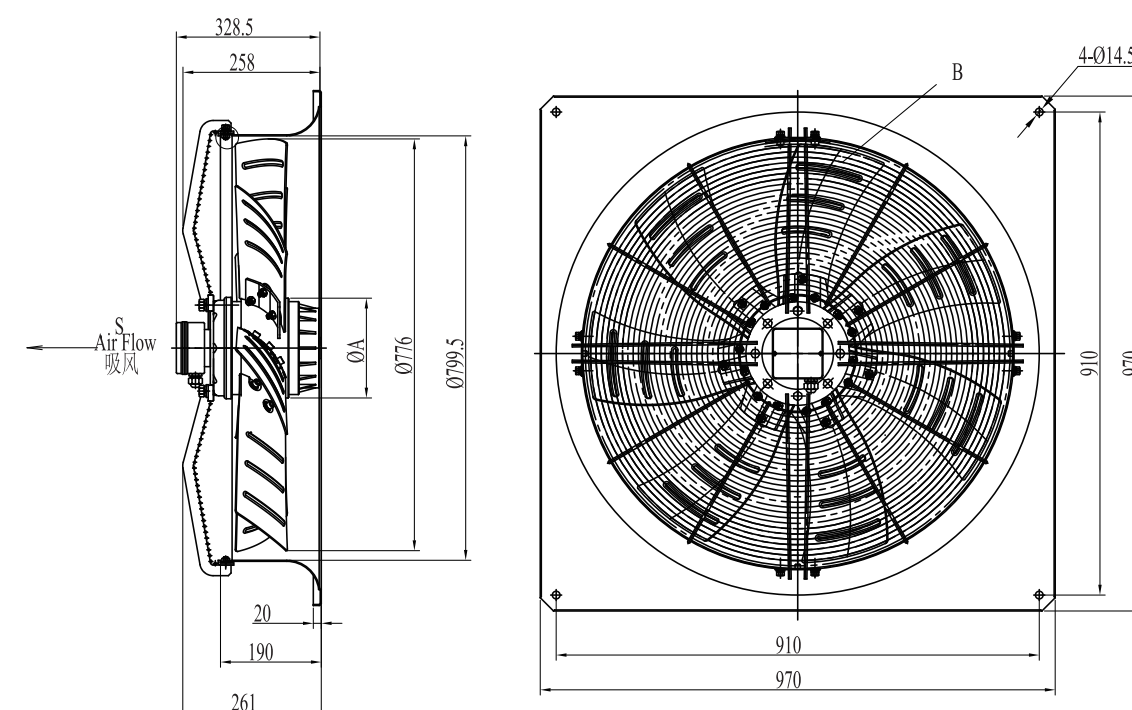
Flow Rate Curve



External Rotor Axial Fan Φ800



Model NO.E	Dimension(mm)	Blades
	A	B
LWAA6D800GB-7EB-XX	180	7
LWAA6D800MS(B)-5EB-XX	170	5



Model NO.K	Dimension(mm)	Blades
	A	B
LWAA6D800GS-7KB-XX	180	7

LWAA-800 Series

Product Characteristic

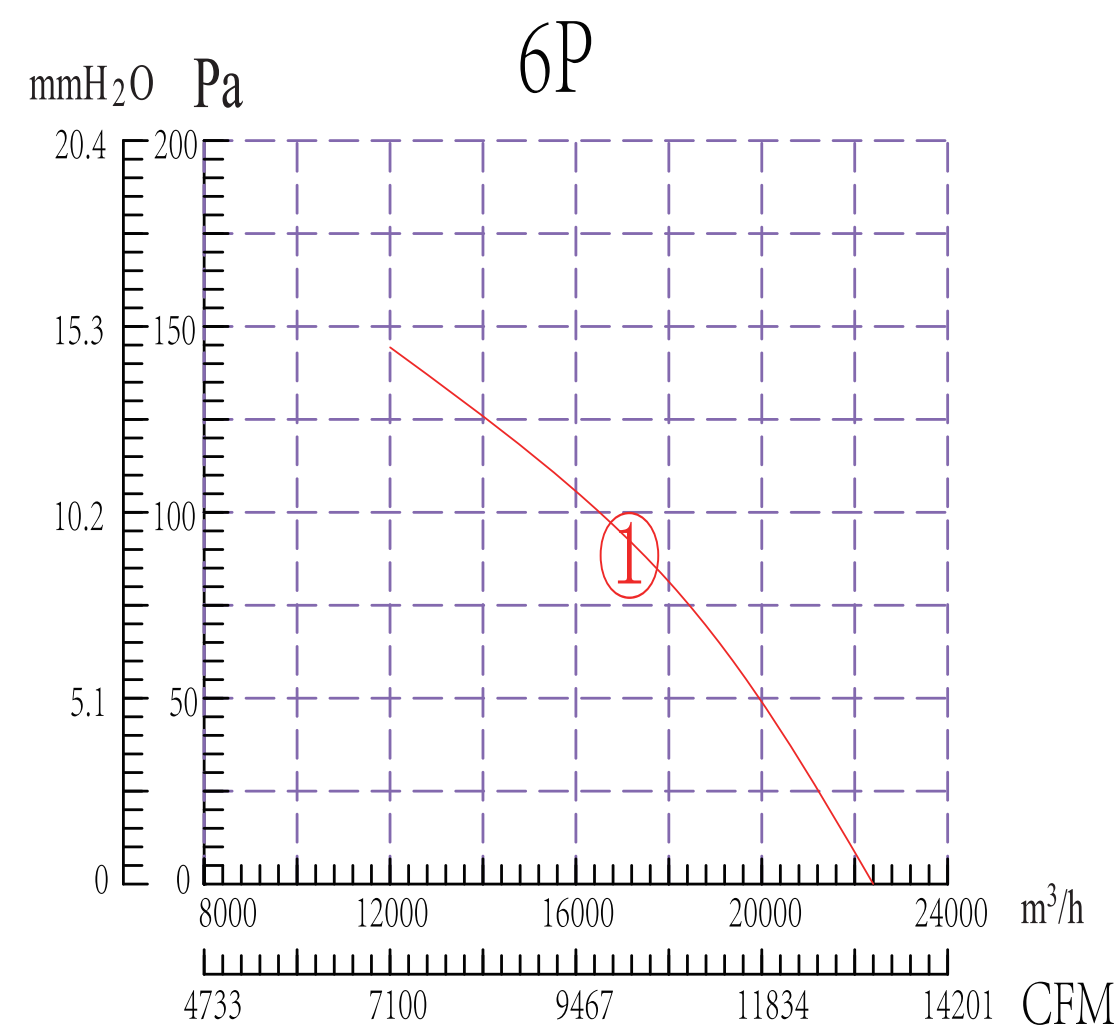
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



Technical Specifications

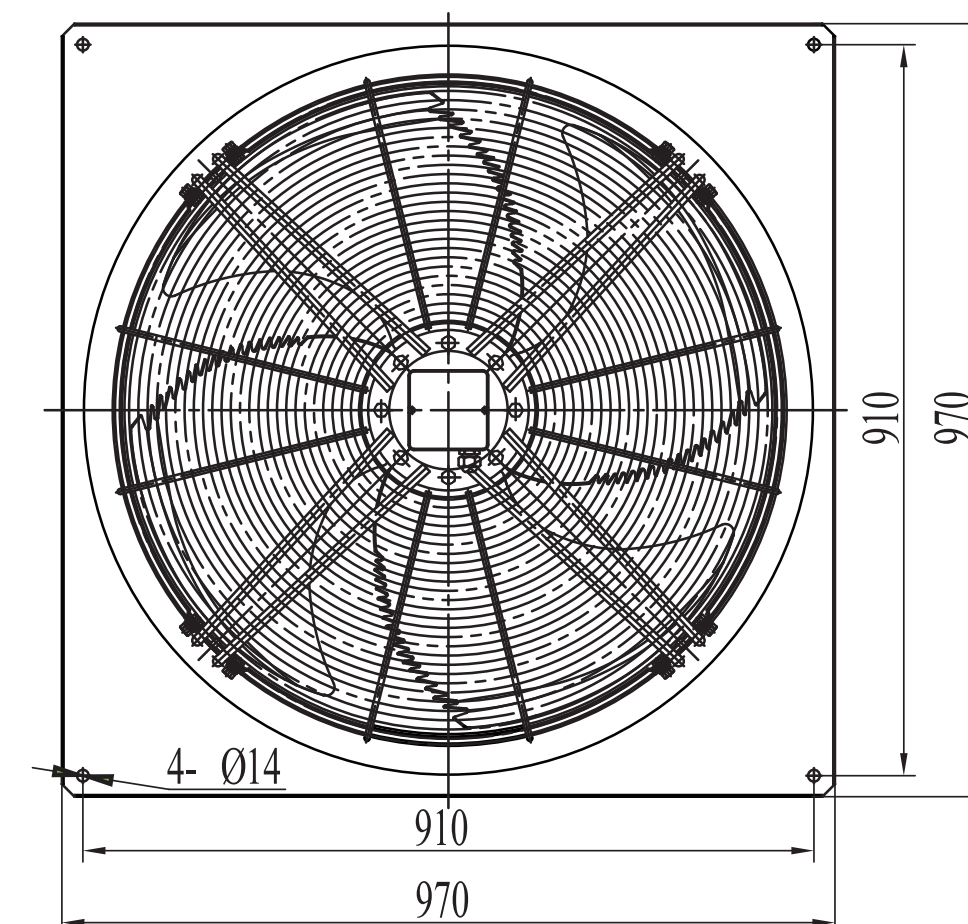
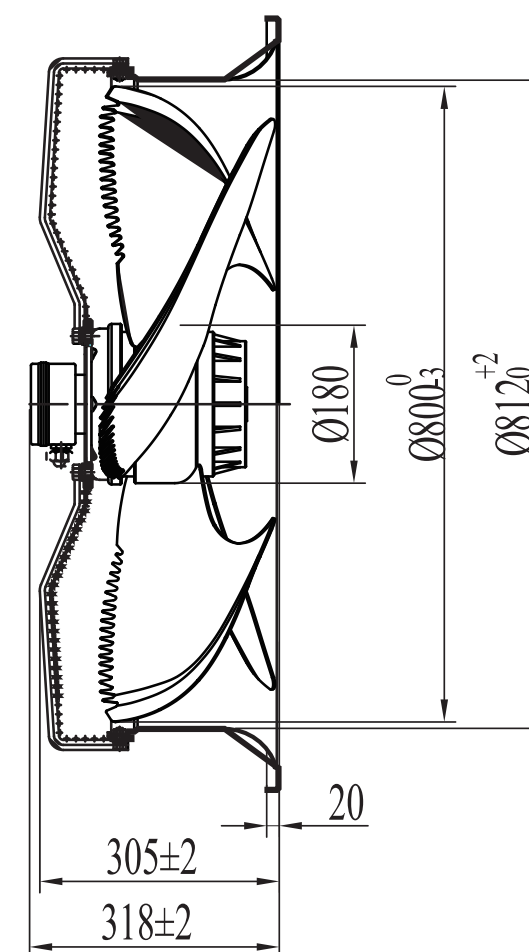
Model	Voltage	Frequency	Current	Power	Speed	Air Volume	Static Pressure	Capacitor	Noise	N.W	Curve
	V	Hz	A	W	RPM	m³/h(Max)	Pa(Max)	uF	dB(A)	kg	
LWAA6D800S-4EB-11	380	50	4.20	2100	900	17450	105	/	70	48	①

Flow Rate Curve



Product Drawing

External Rotor Axial Fan Ø800



LWAA-910 Series

Product Characteristic

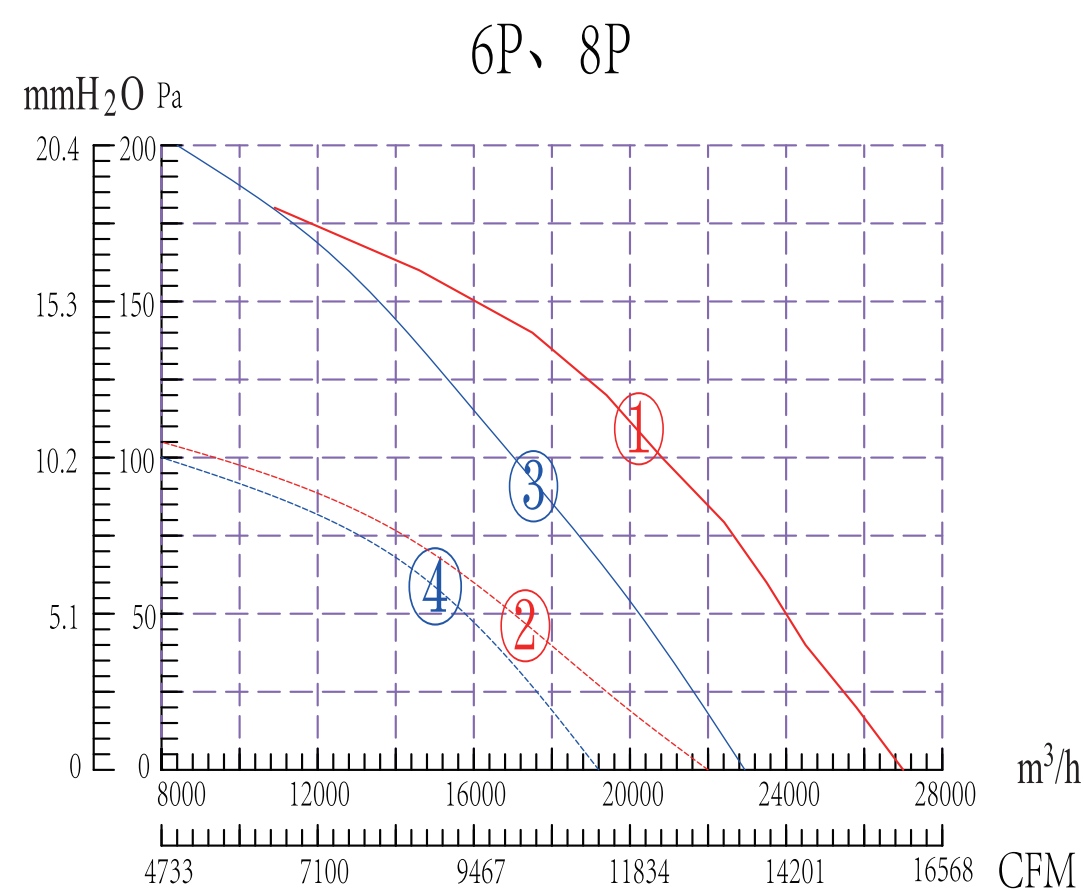
- Blades : Steel plate
- Bearings: Ball bearings
- Mode of operation: S1
- Type of protection: IP44 IP54
- Insulation class: B/F
- Operation Temperature: -40~+60 C



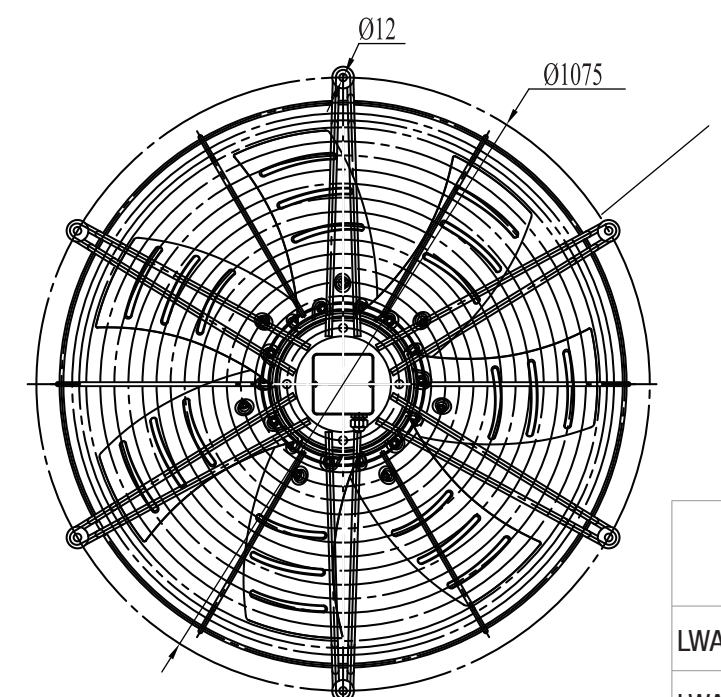
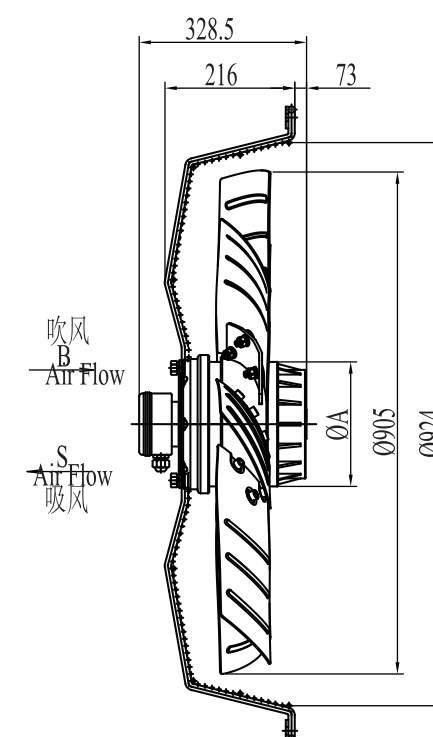
Technical Specifications

Model	Voltage V	Frequency Hz	Current A	Power W	Speed RPM	Air Volume m³/h(Max)	Static Pressure Pa(Max)	Capacitor uF	Noise dB(A)	N.W kg	Curve
LWAA6D910S-7EB-05	380(▲)	50	3.10	1350	900	27000	140	/	85	42	①
LWAA8D910S-7EB-06	380	50	1.55	870	720	22000	100	/	80	41	②
LWAA6D910S-5EB-07	400(▲)	50	3.65	1730	900	22950	135	/	77	31	③
LWAA6D910S-5EB-08	400(Y)	50	2.20	1250	750	19200	70	/	73	31	④

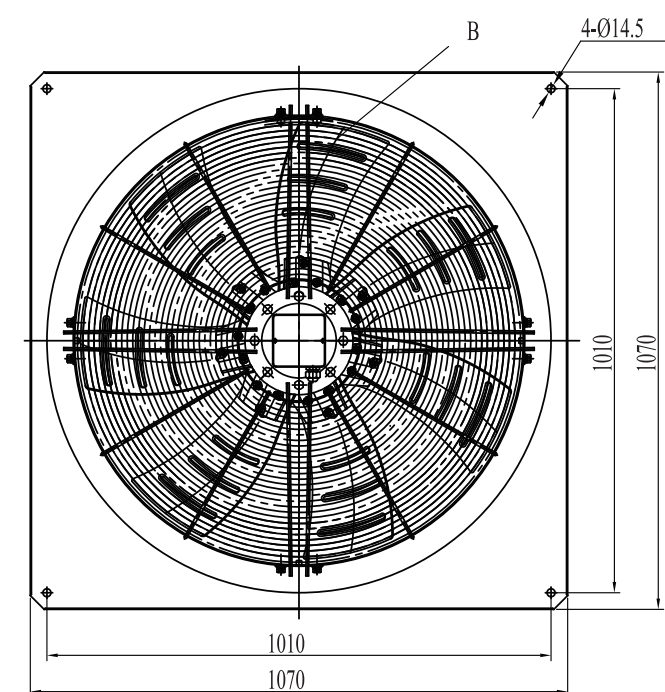
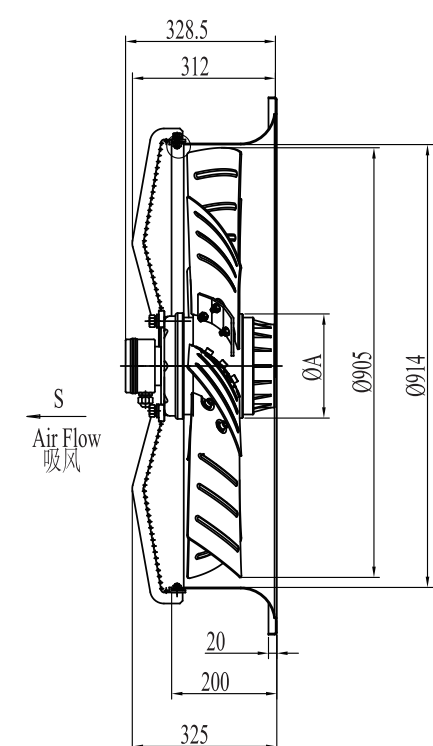
Flow Rate Curve



External Rotor Axial Fan Φ910



Model NO.E	Dimension(mm)		Blades
	A	B	
LWAA6D910GS(B)-7EB-XX	180	7	
LWAA8D910GS(B)-7EB-XX	180	7	



Model NO.K	Dimension(mm)		Blades
	A	B	
LWAA6D910GS-7KB-XX	180	7	
LWAA8D910GS-7KB-XX	180	7	