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Professional HVAC Fan & Motors Manufacturer

—— AC Backward curved Centrifugal Fan

Ningbo Longwell Electric Technology CO, LTD



CATALOGUE

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Company Introduction



LONGWELL is a professional manufacturer of fans, blowers, motors and components for heating, ventilation air conditioner and refrigeration applications, specialist in centrifugal fans, axial fans, ac /BLDC cross flow fans, single/double forward curved fans, AC/BLDC/ECM motors as well as industrial fan blowers, established in 1990, equipped with high advanced testing labs and production facilities including B&K noise lab, CFD simulation lab, air dynamics test chamber, automatic welding machines, CNC machining centers, auto robot injection machines which makes over millions fans capacity annually. With over than 28 years manufacturing experiences, LONGWELL is very skilled in designing, developing and manufacturing of fans and motors, and exporting to over 30 countries including many Fortune Global 500 customers in HVACR application. and products complied with certificates of CCC, CE, ETL and UL.





Mainly Application

EC fan array, Electronic cabinet cooling, Clean room modules, Heat exchangers, Air filtration systems, Military HRAC, Pharmaceutical/biological control systems, Computer room air conditioning (CRAC) systems, Air-handling units(AHU).



Building Ventilation System



Food & Beverage Production Line



Medical Facility



Ventilation Technology



Heating Pump Units

Type Code

LW B A 2E 133 - 072 N S - 01

Series number

T-400V S-230V U-115V

P-with bracket
N-without bracket

Motor size:72/92/102/138/188/218

Diameter of rotor

2 phase

A-AC D-DC E-EC

B-Backward F-Forward

Longwell



AC Backward curved Centrifugal Fan

LWBA-133 Series

Product Characteristic

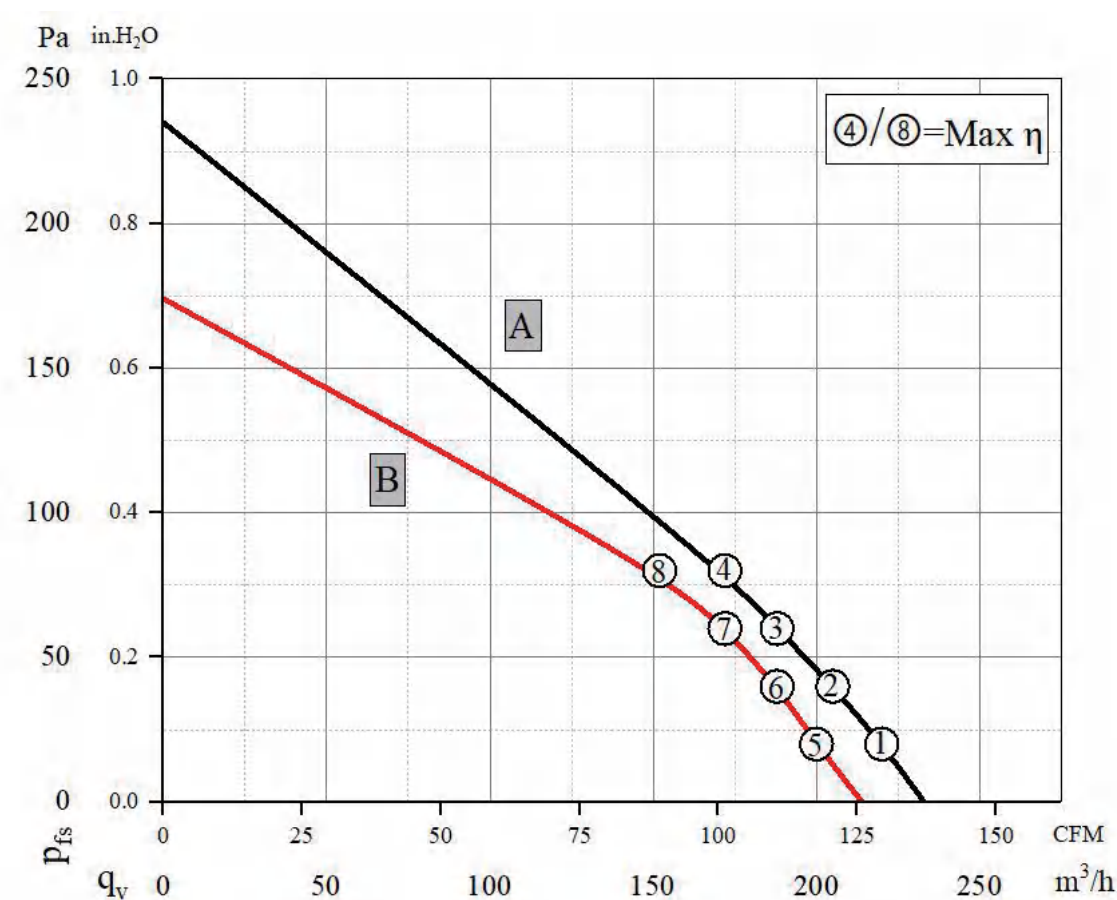
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 °C



Technical Specifications

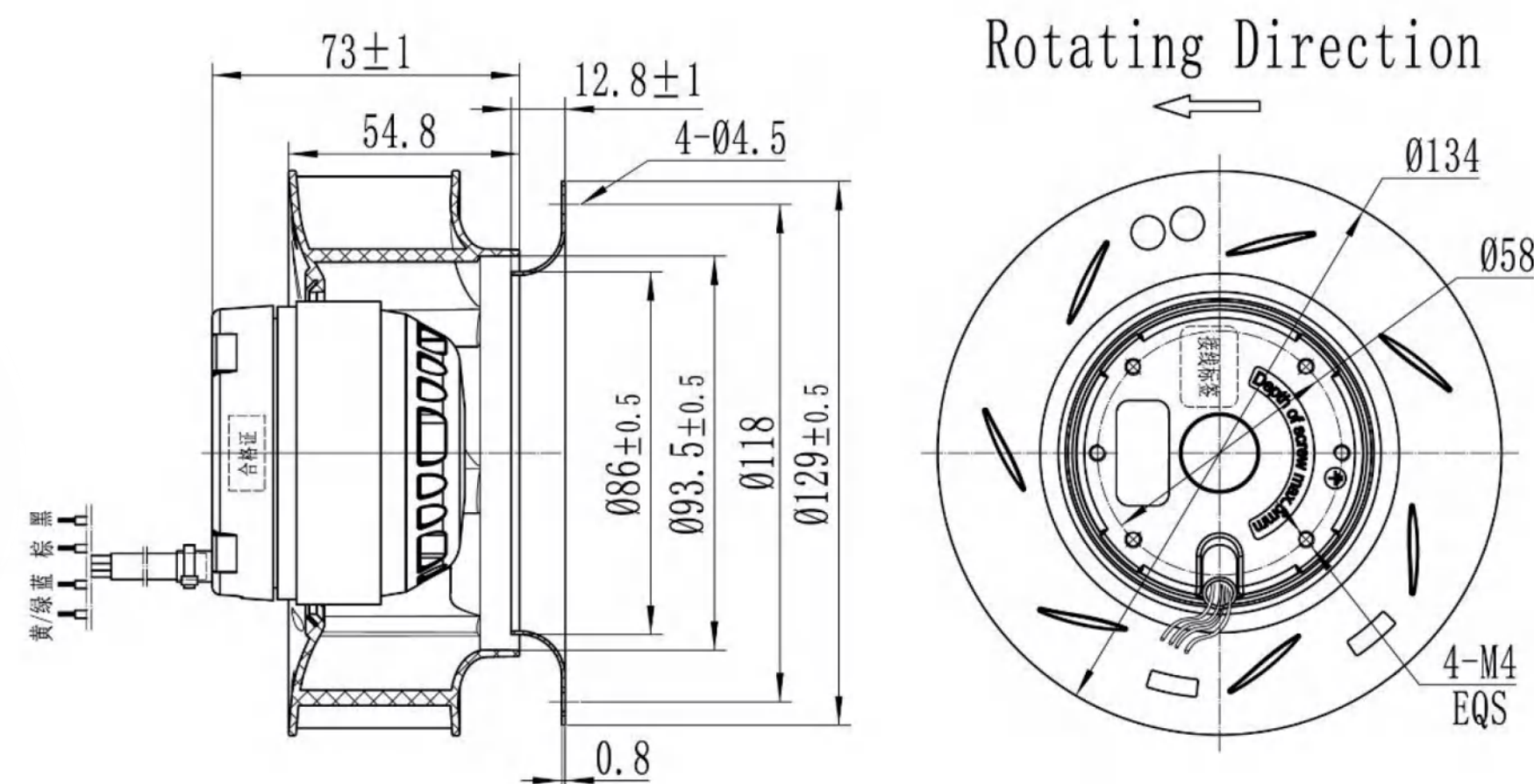
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E133-072NS-01	230	60	33.2	0.14	3070	233	230	58.7	1	A
LWBA2E133-072NS-02	230	50	27.8	0.12	2720	214	175	57.9	1	B

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ133



LWBA-155 Series

Product Characteristic

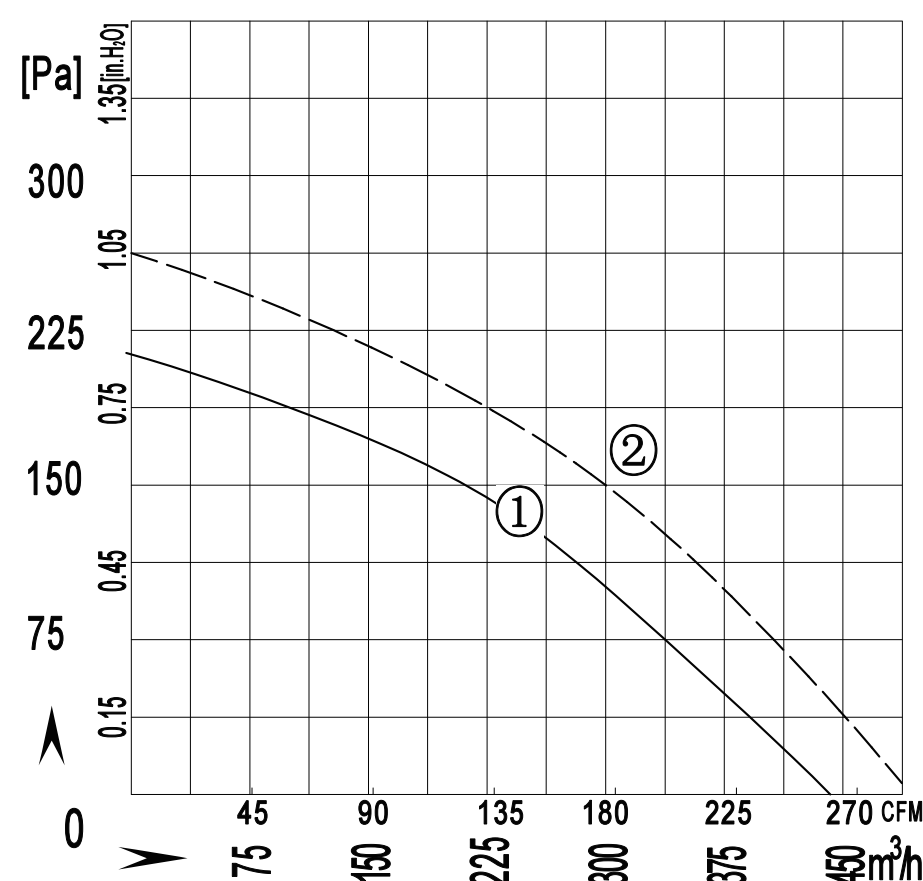
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

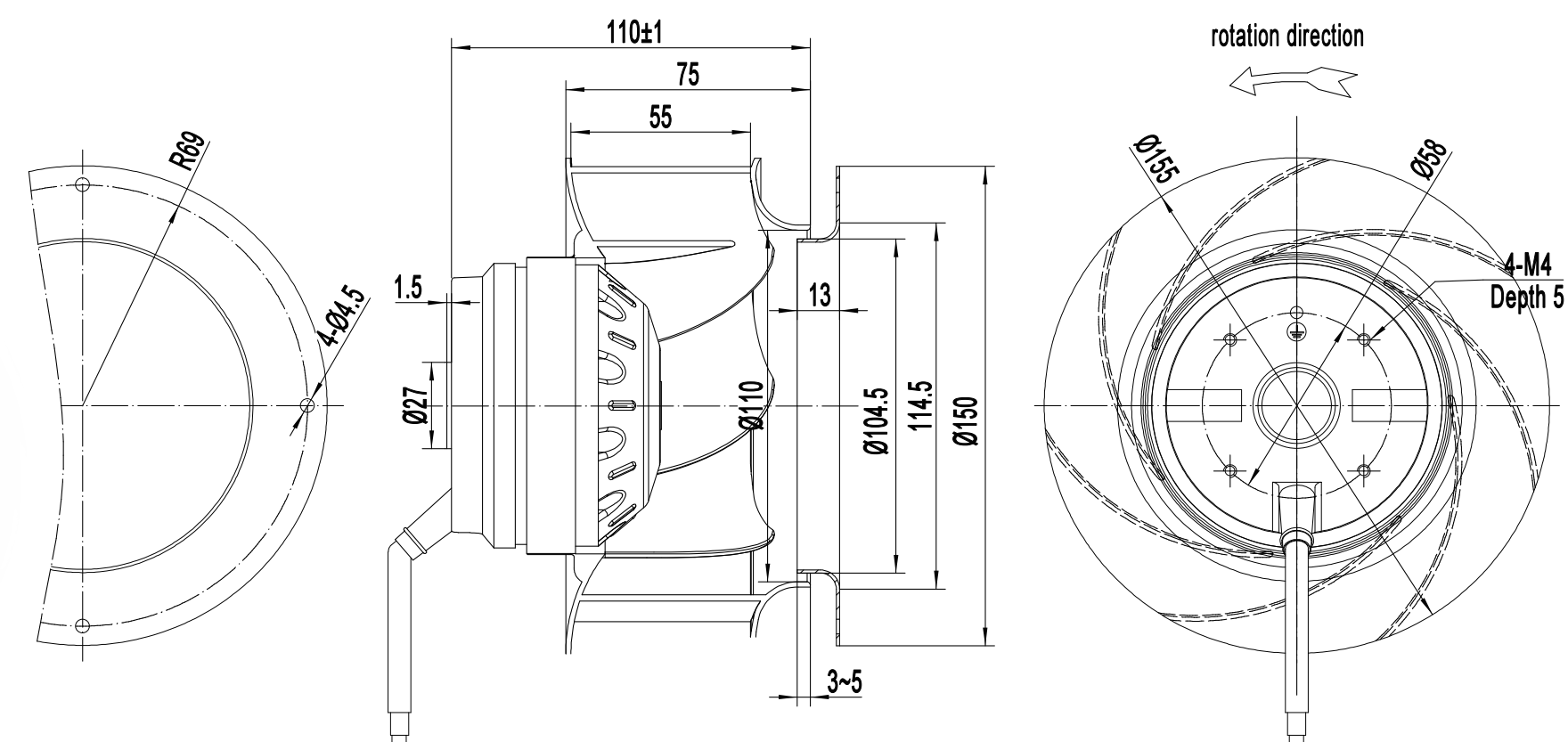
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E155-092NS-01	230	50	32	0.24	2650	450	210	61	1	①
LWBA2E155-092NS-02	230	60	38	0.32	3000	480	270	64	1	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ155



LWBA-175 Series

Product Characteristic

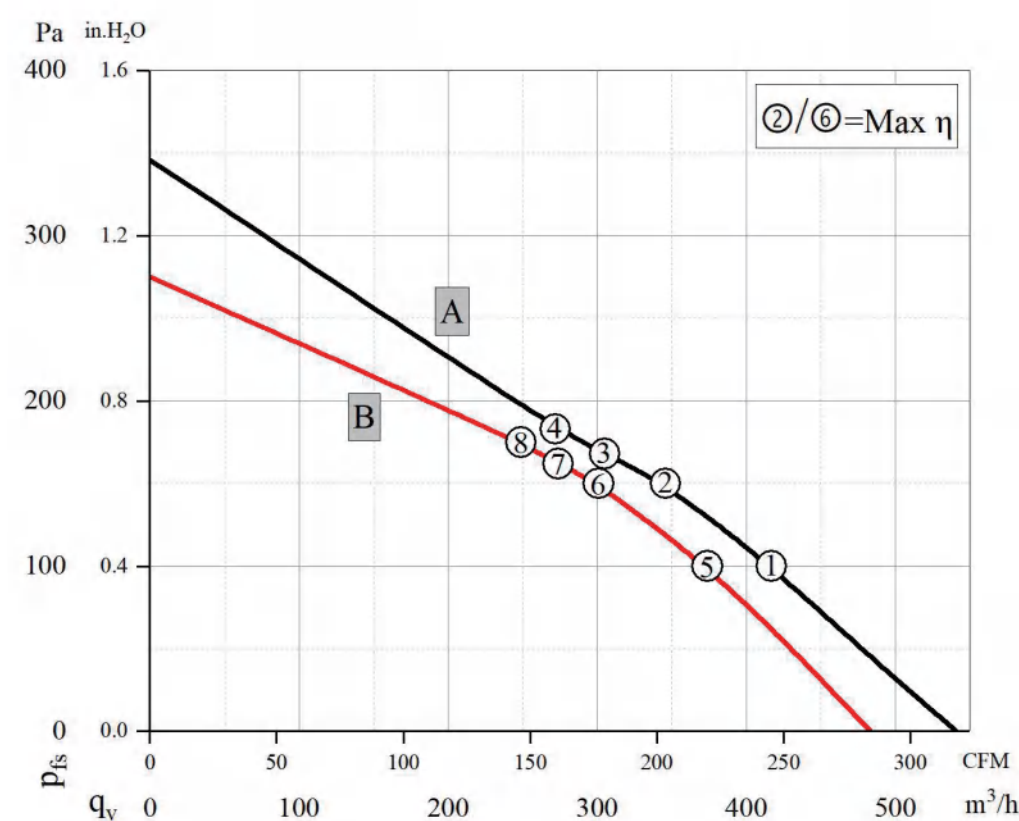
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

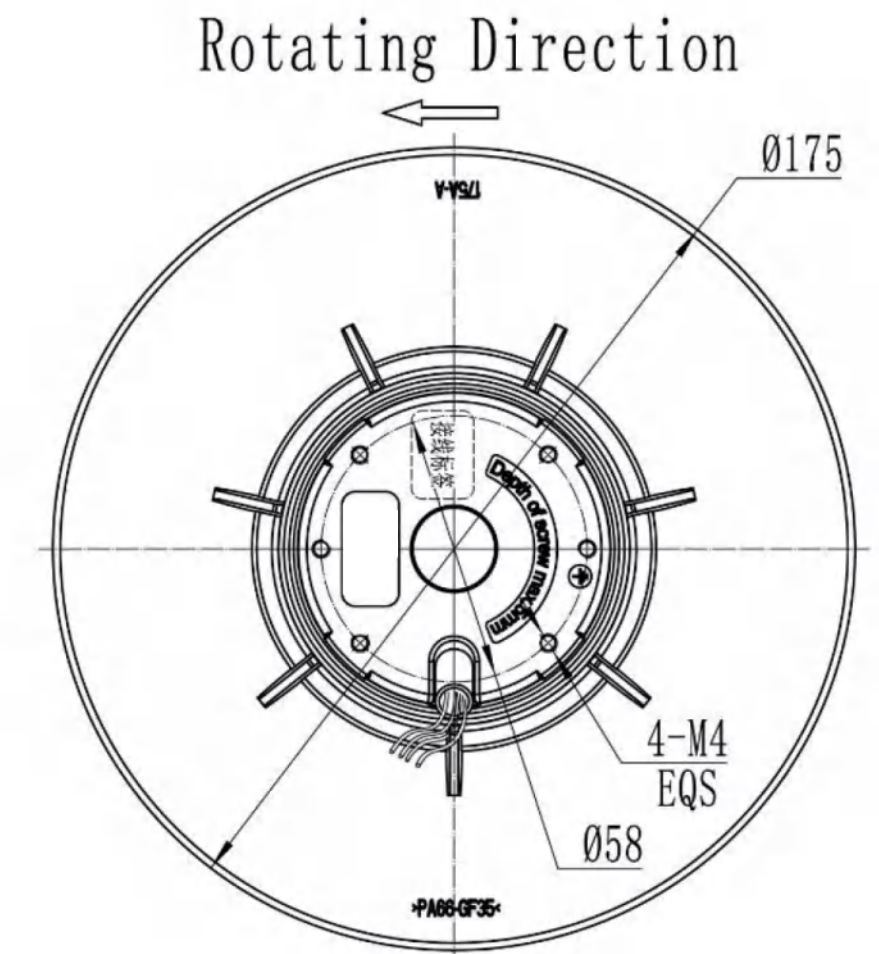
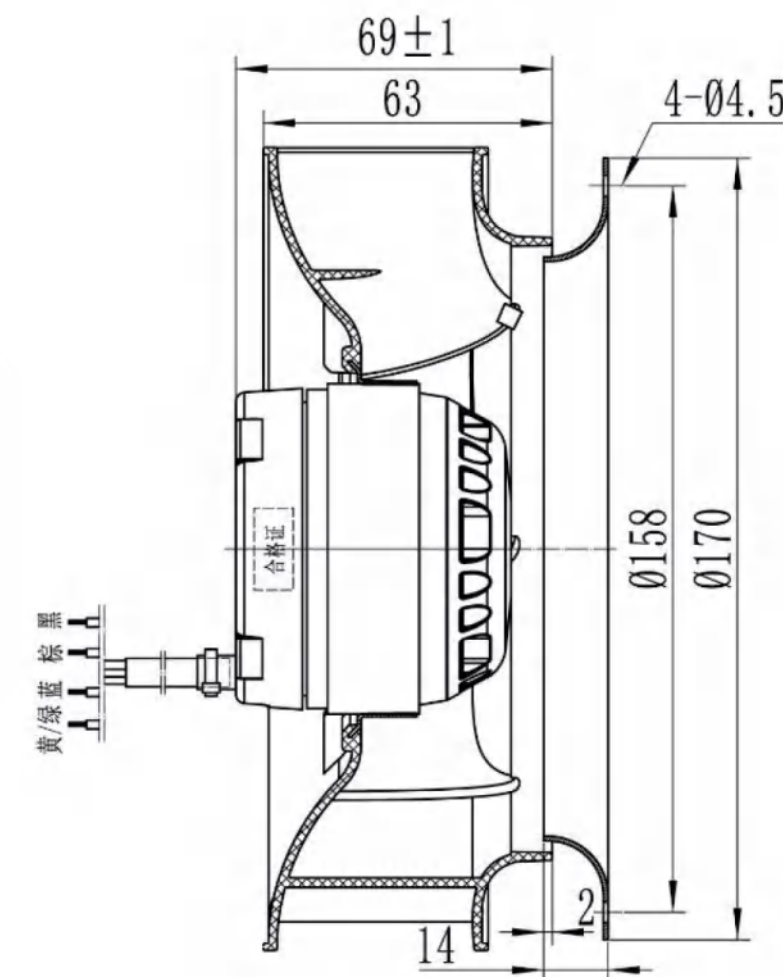
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E175-072NU-01	115	60	46.1	0.42	3060	540	350	61.1	6	A
LWBA2E175-072NS-02	230	50	35.5	0.15	2770	480	280	60.8	5	B

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ175



LWBA-175 Series

Product Characteristic

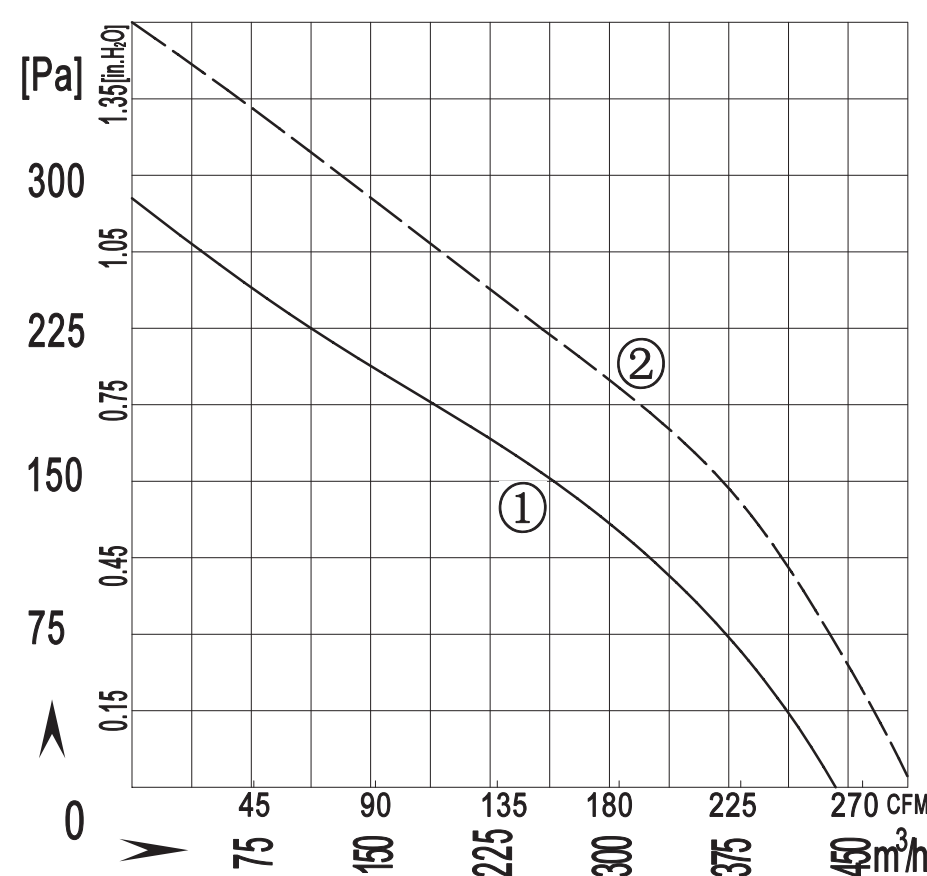
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

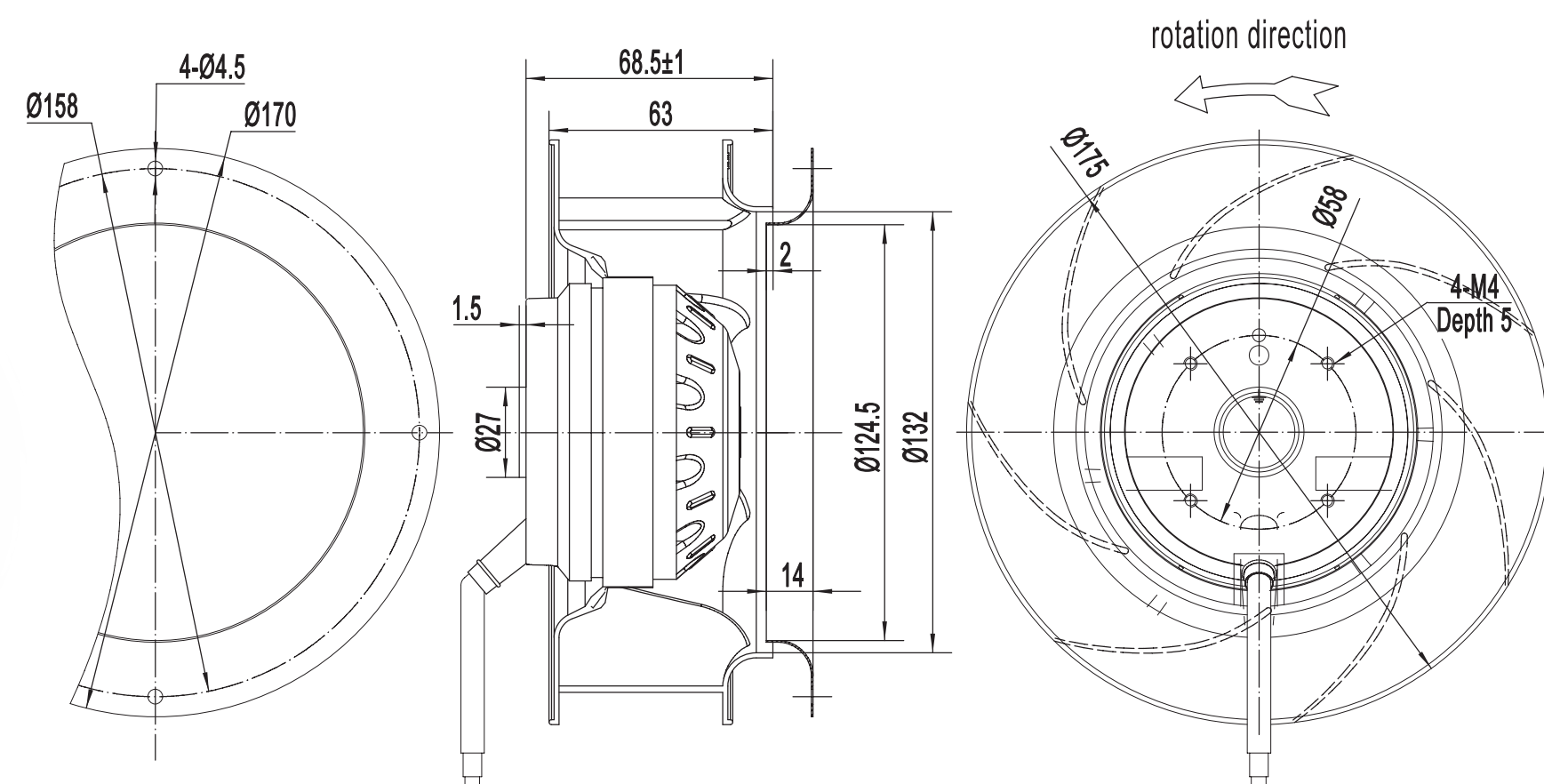
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E175-092NS-03	230	50	52	0.24	2500	430	280	64	1.5	①
LWBA2E175-092NS-04	230	60	66	0.32	2700	490	375	66	1.5	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ175



LWBA-175 Series

Product Characteristic

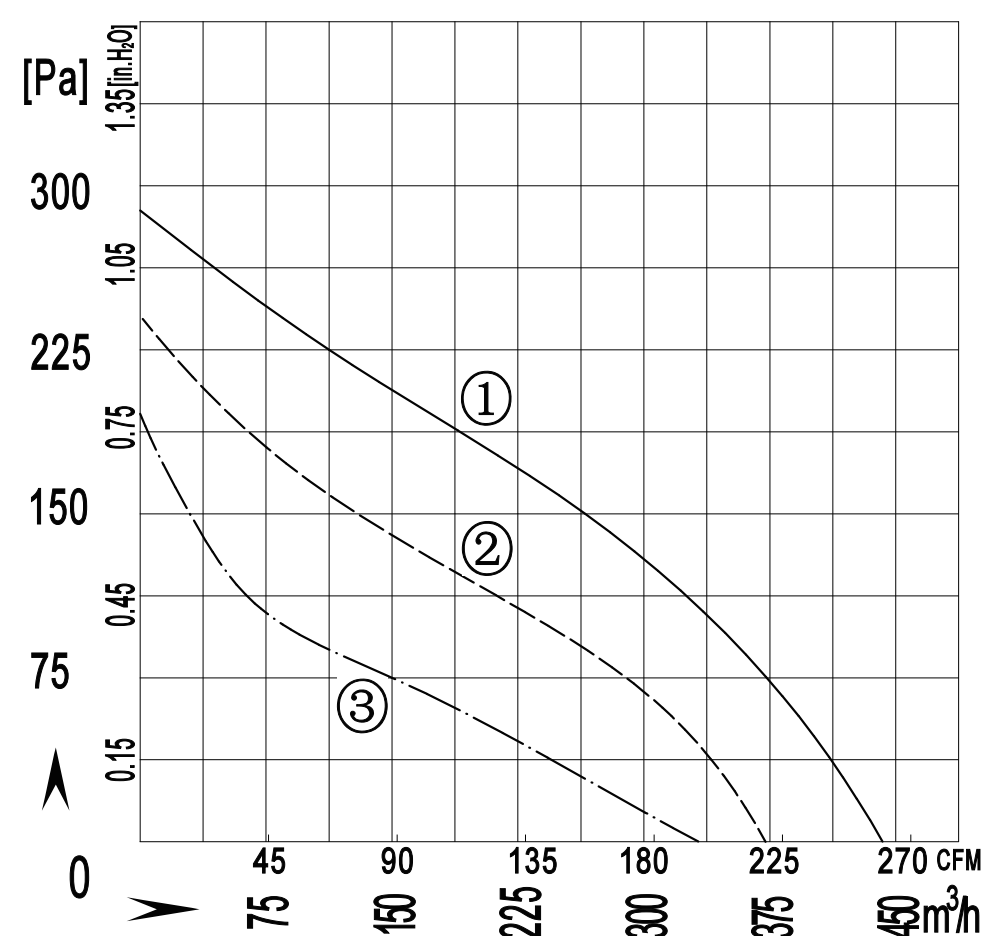
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

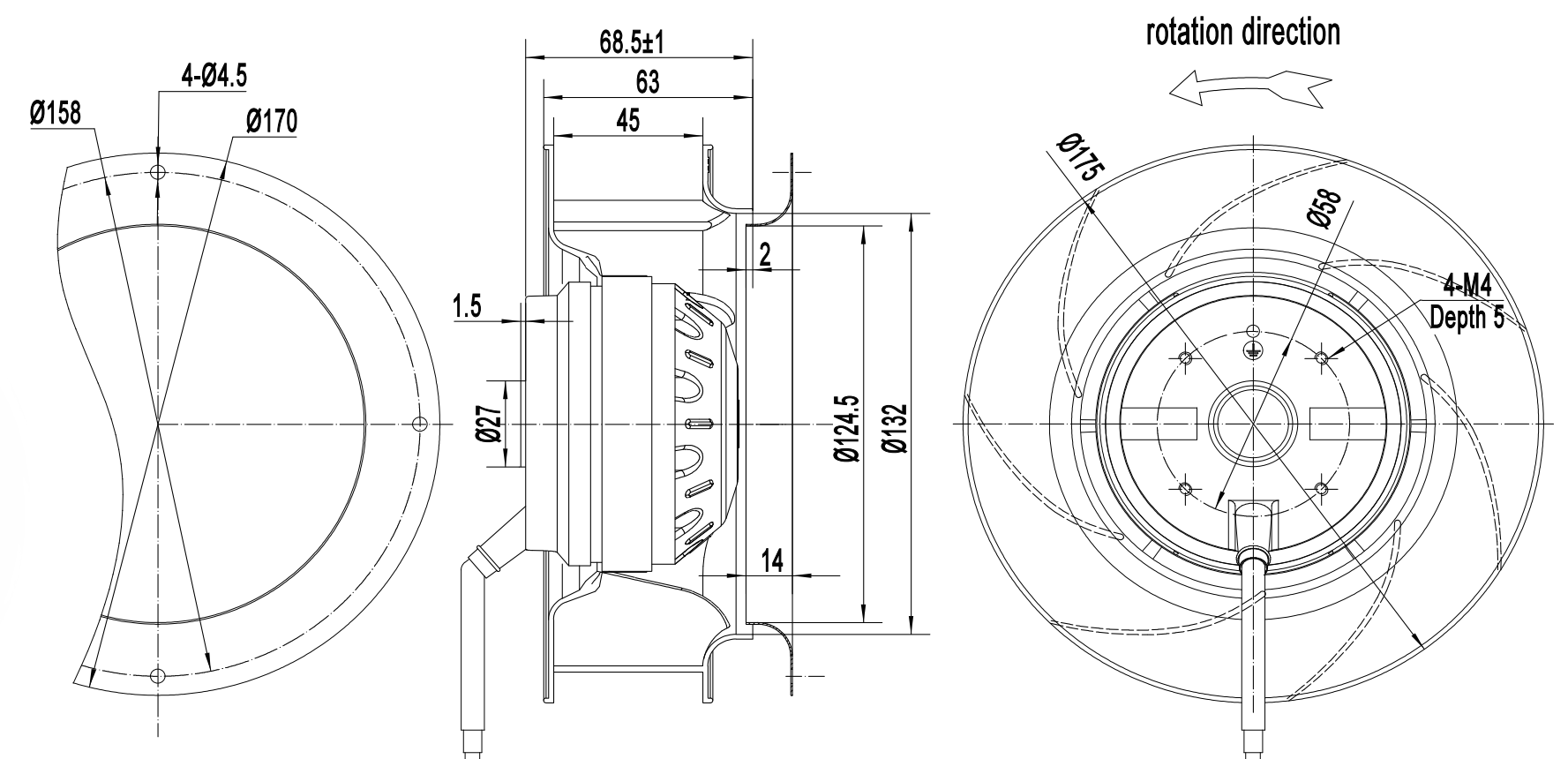
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
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LWBA2E175-092NS-05	230	50	52	0.25	2530	430	280	64	1.5	①
	230	50	45	2.20	2150	365	240	60	1.5	②
	230	50	42	0.18	1850	315	190	55	1.5	③

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ175



LWBA-180 Series

Product Characteristic

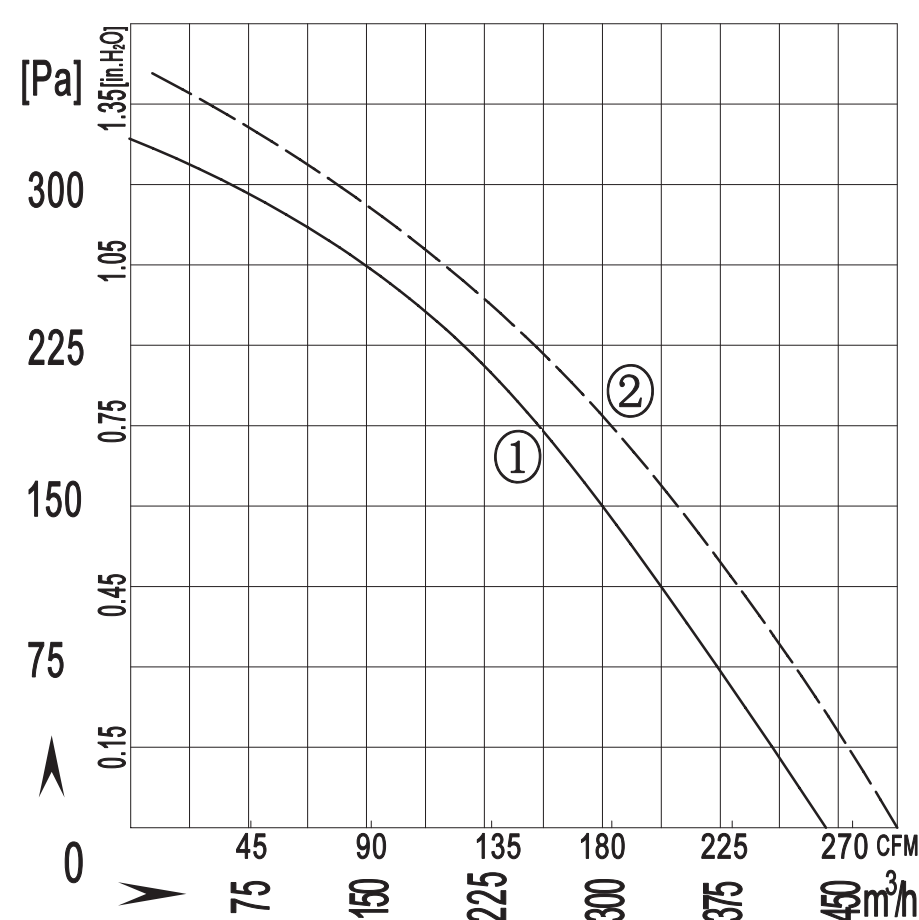
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

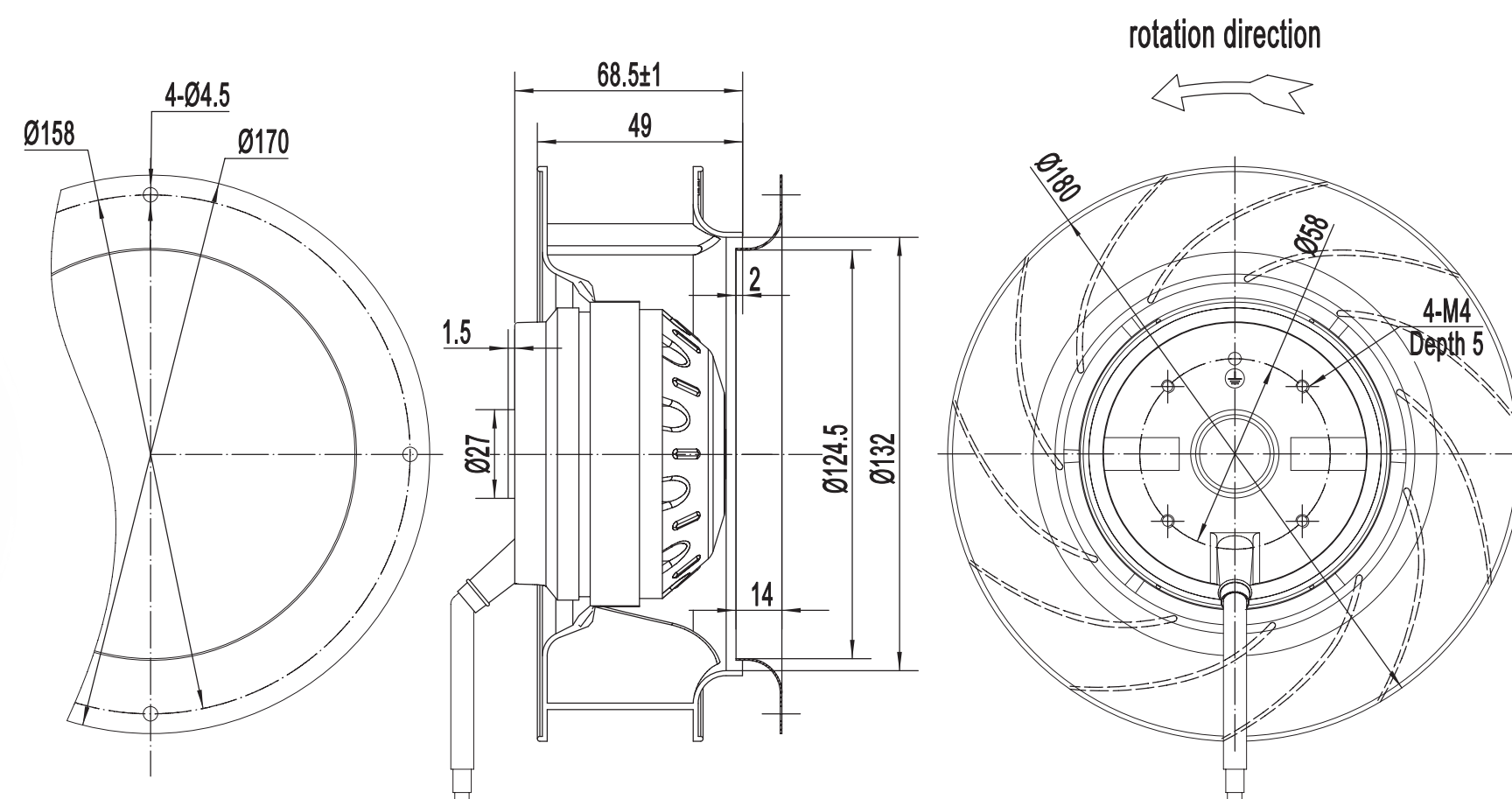
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E180-092NS-01	230	50	52	0.24	2550	430	325	63	1.5	①
LWBA2E180-092NS-02	230	60	66	0.32	2850	480	360	66	1.5	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ180



LWBA-180 Series

Product Characteristic

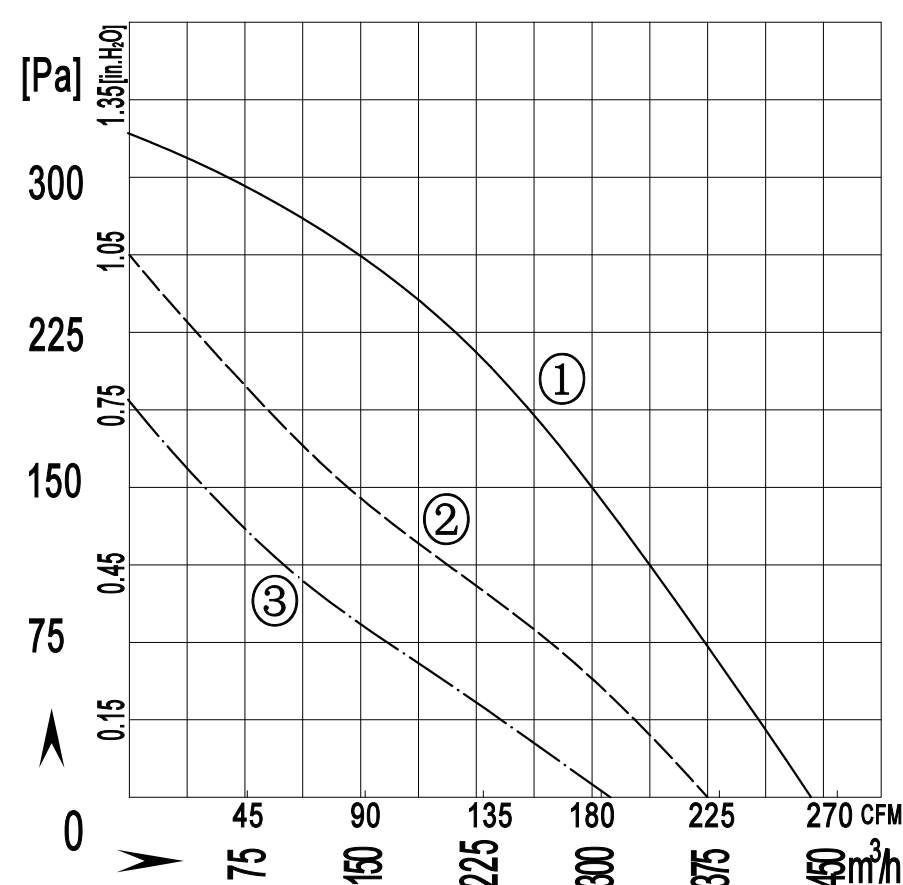
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

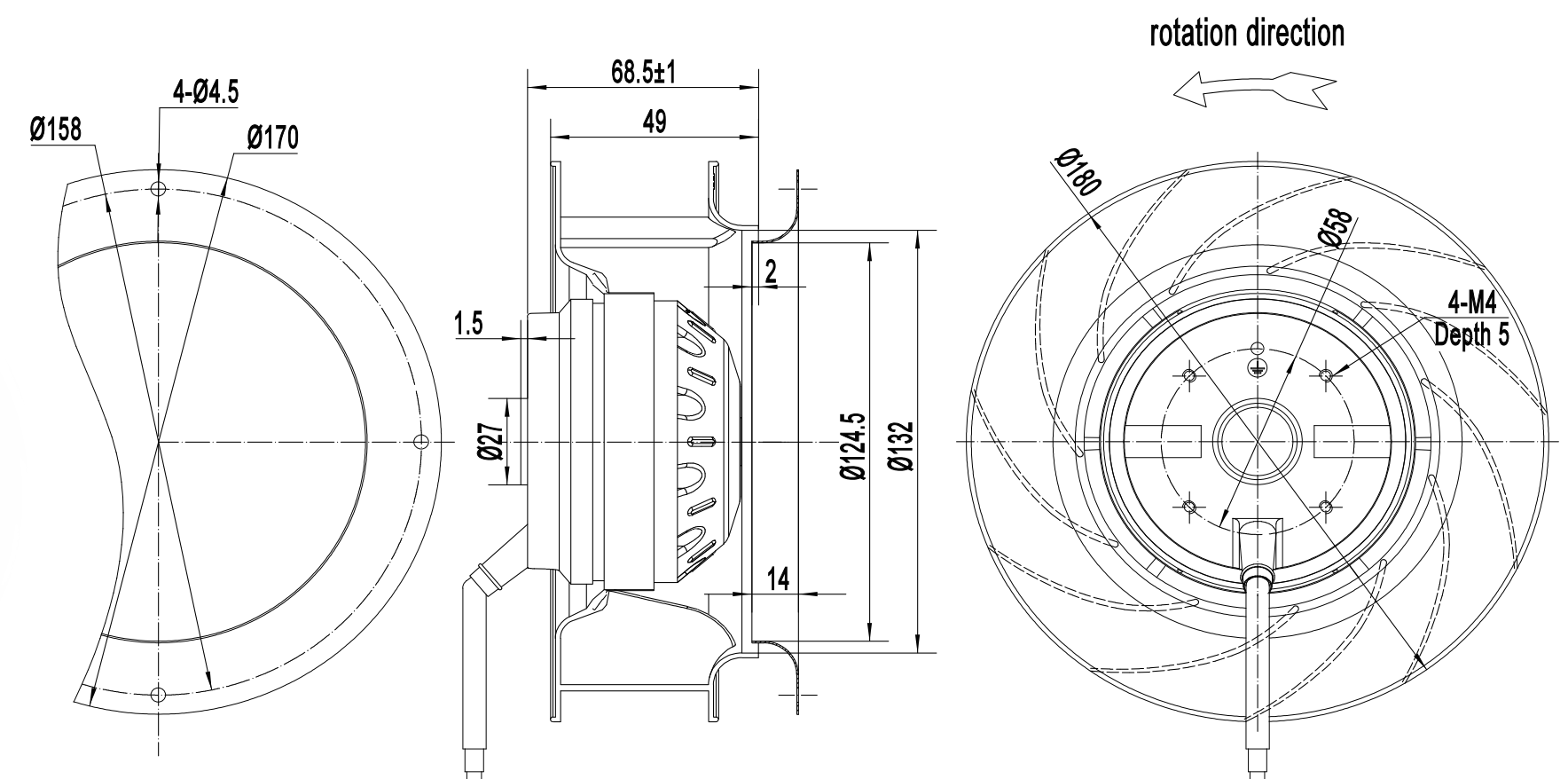
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E180-092NS-03	230	50	52	0.23	2560	430	325	63	1.5	①
	230	50	42	0.19	2200	370	260	59	1.5	②
	230	50	40	0.18	1900	320	180	55	1.5	③

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ180



LWBA-190 Series

Product Characteristic

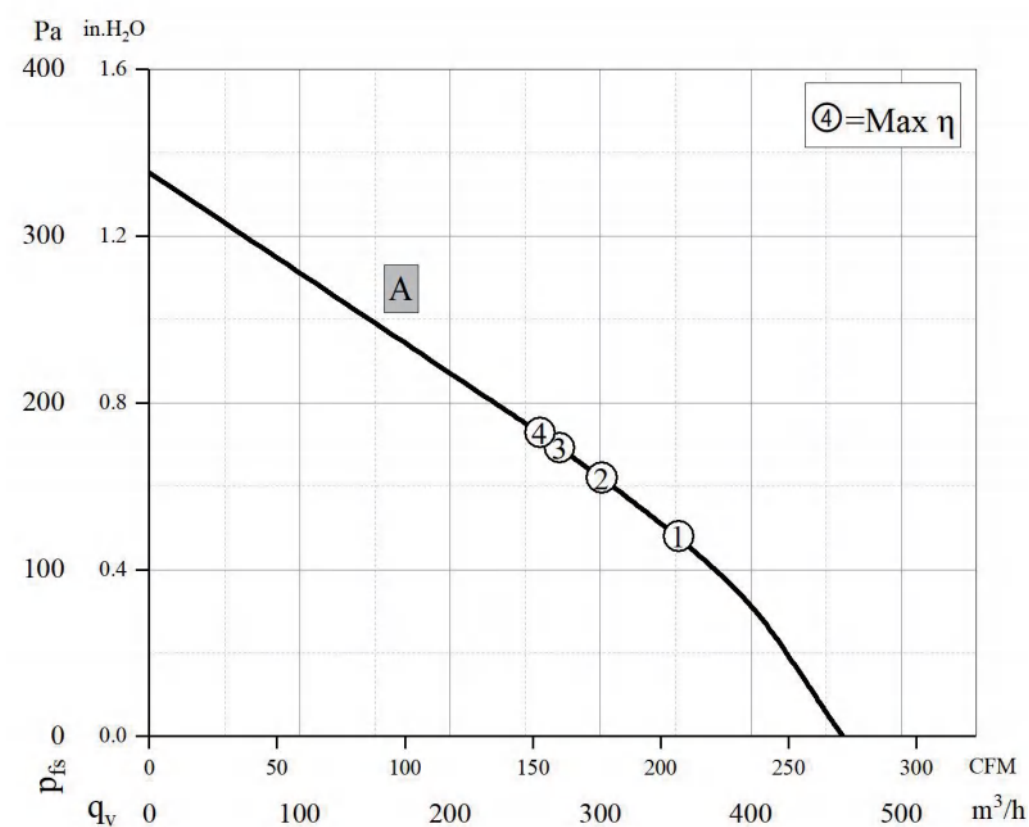
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

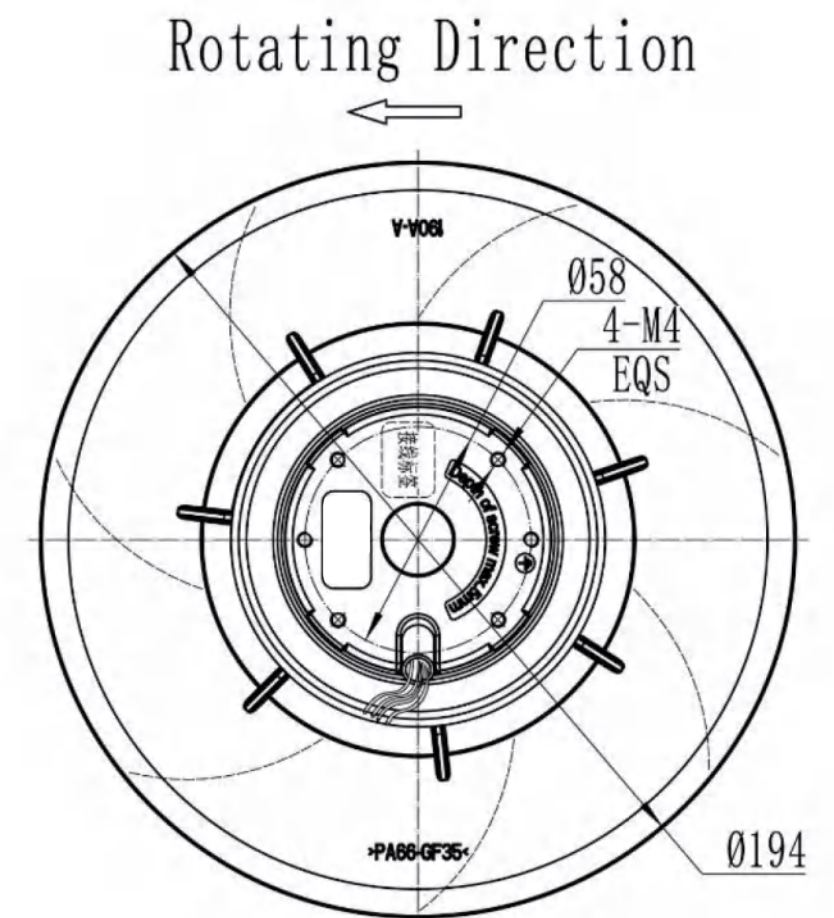
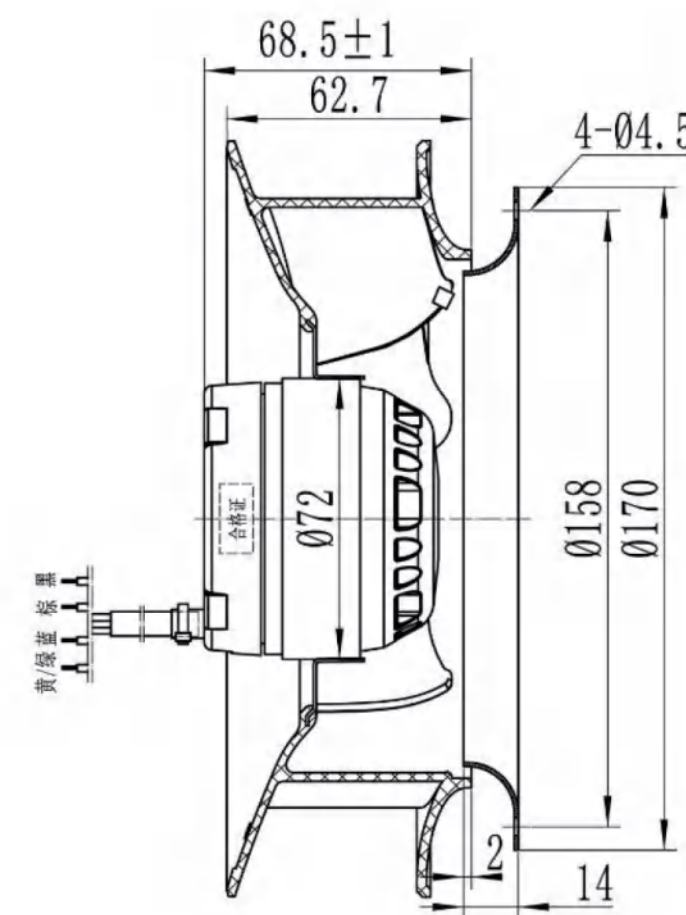
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E190-072NS-01	230	50	56	0.25	2640	460	340	64.9	2	A

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ190



LWBA-190 Series

Product Characteristic

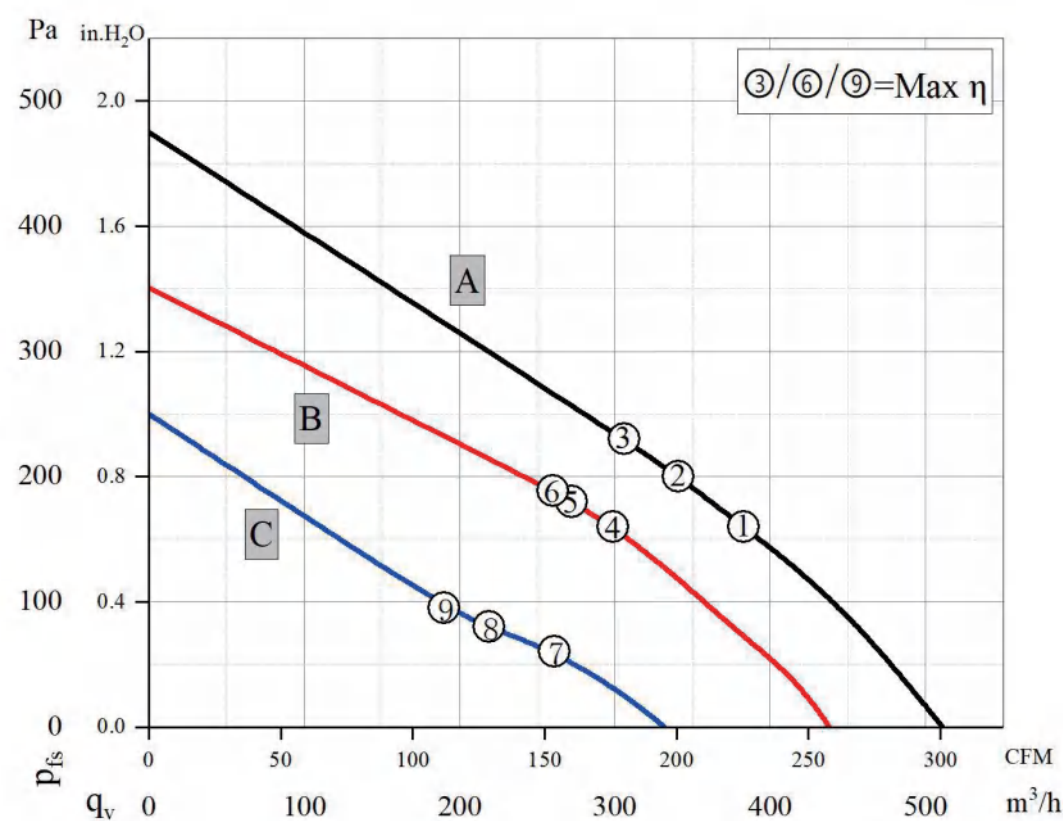
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

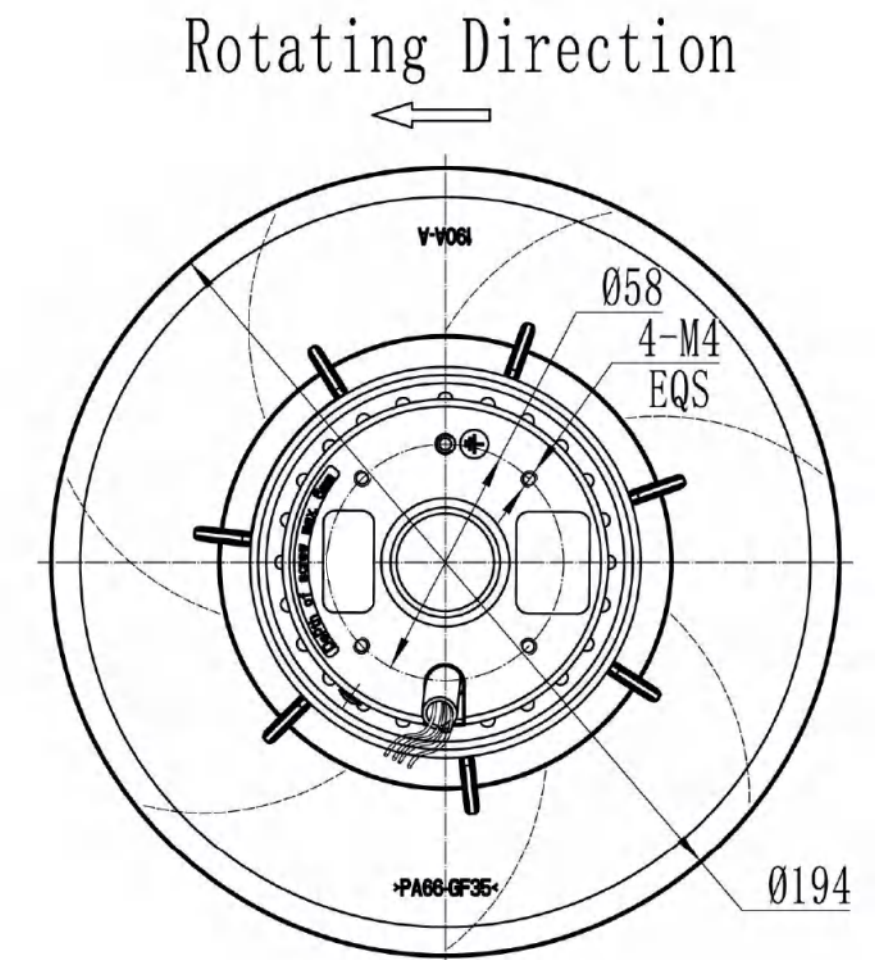
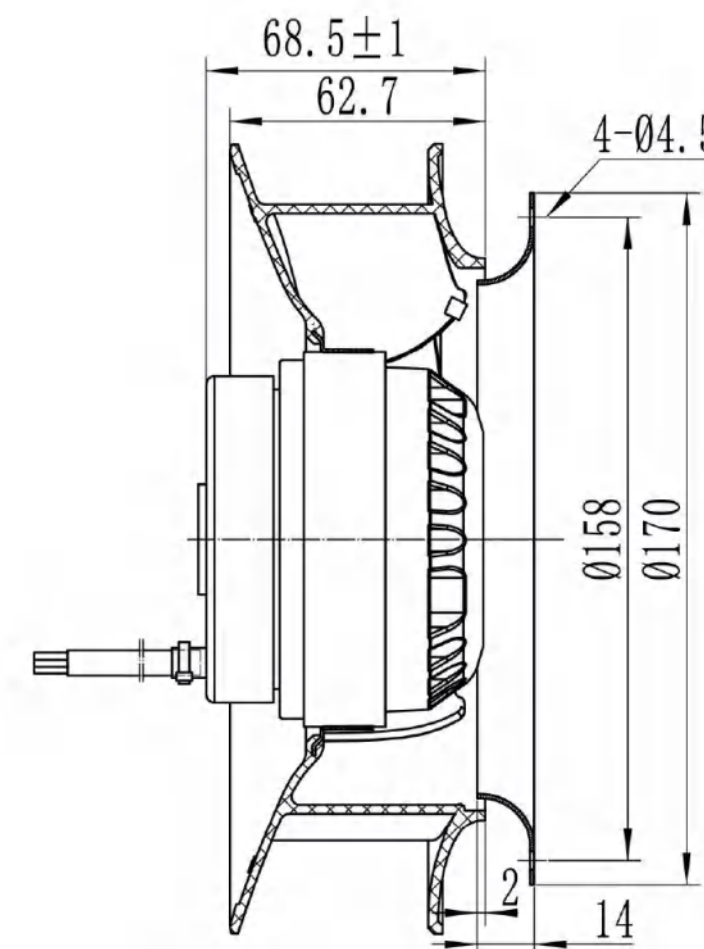
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E190-092NU-02	115	60	70	0.31	3080	510	480	68.5	8	A
LWBA2E190-092NS-03	230	50	60	0.27	2700	435	350	65.2	2.5	B
LWBA4E190-092NS-04	230	50	30	0.14	2100	330	250	58.2	1.5	C

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ190



LWBA-190 Series

Product Characteristic

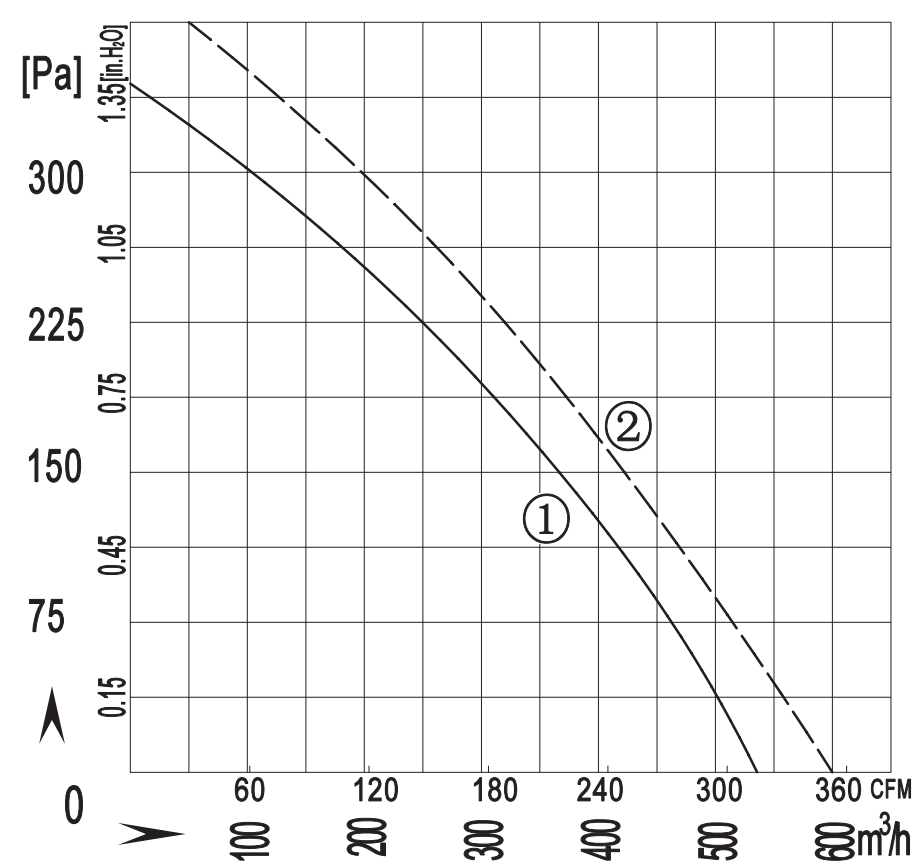
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

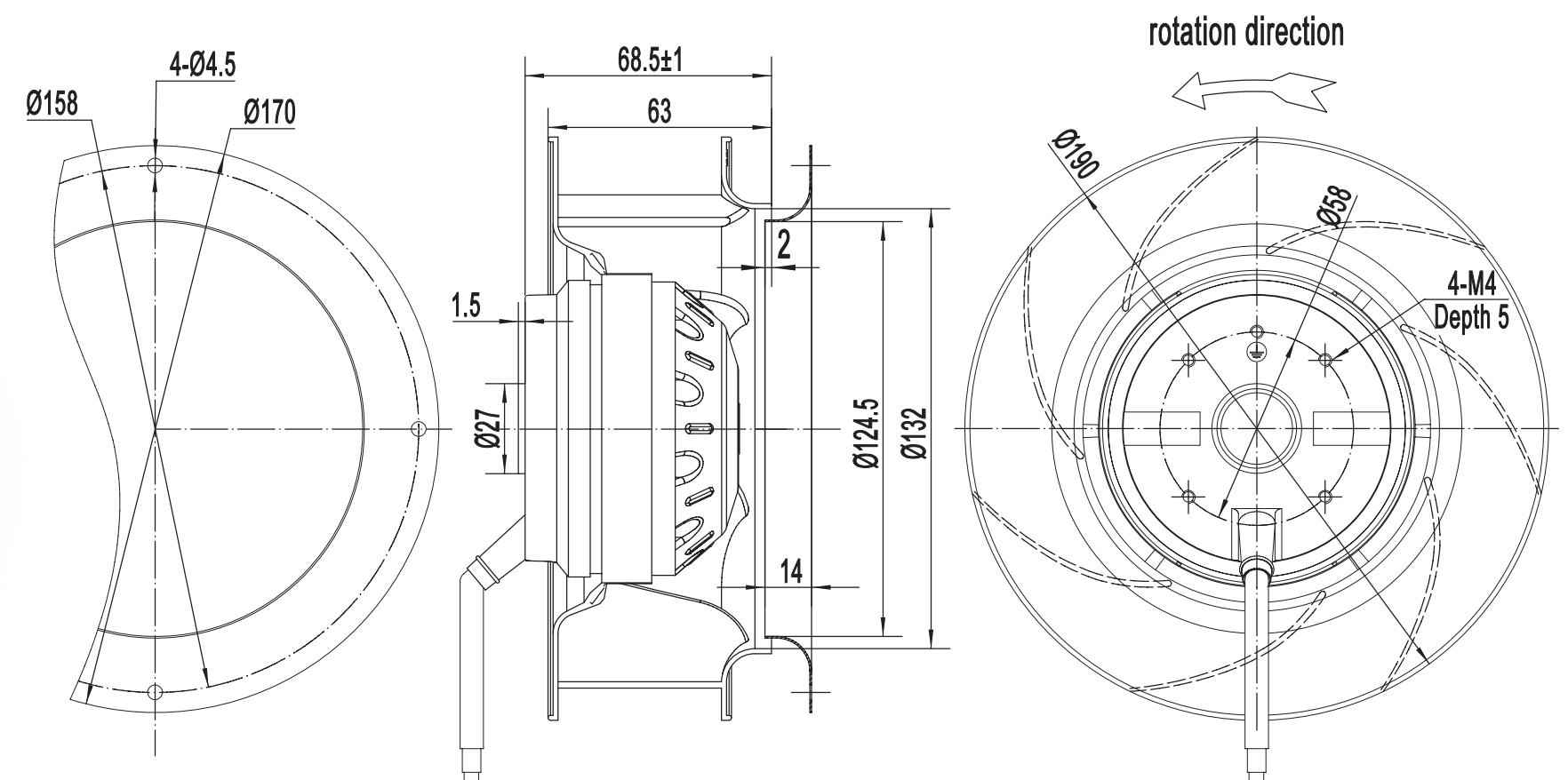
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E190-092NS-05	230	50	60	0.27	2500	540	350	65	2	①
LWBA4E190-092NS-06	230	60	76	0.35	2700	600	375	68	2	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ190



LWBA-190 Series

Product Characteristic

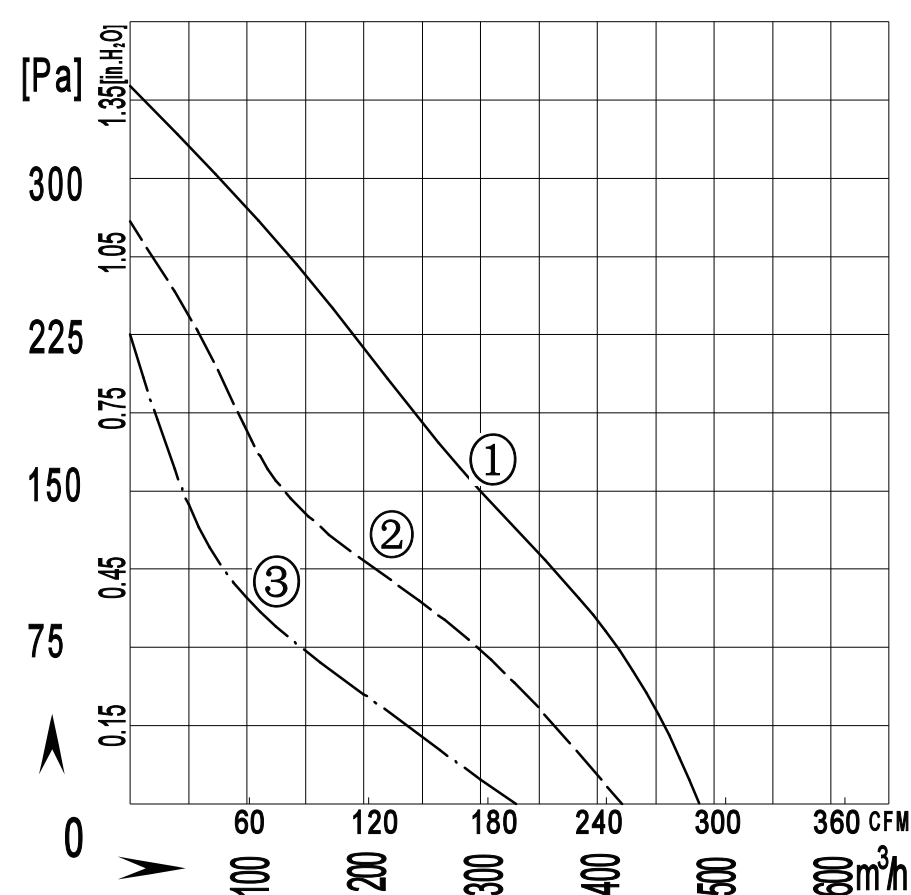
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 °C



Technical Specifications

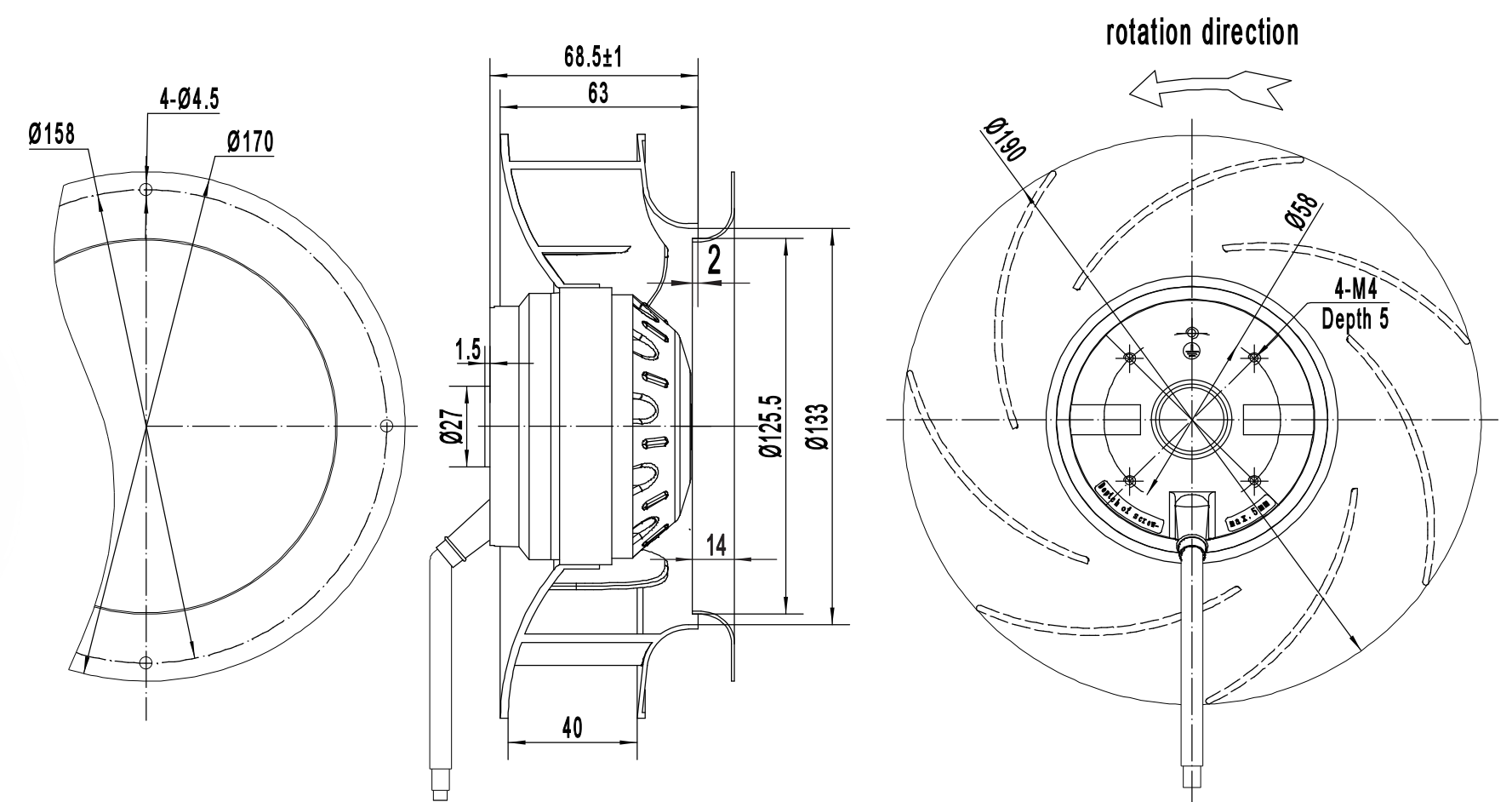
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E190-092NS-07	230	50	60	0.28	2500	480	340	65	2	①
	230	50	48	0.23	2000	430	275	60	2	②
	230	50	45	0.22	1650	330	225	54	2	③

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ190



LWBA-220 Series

Product Characteristic

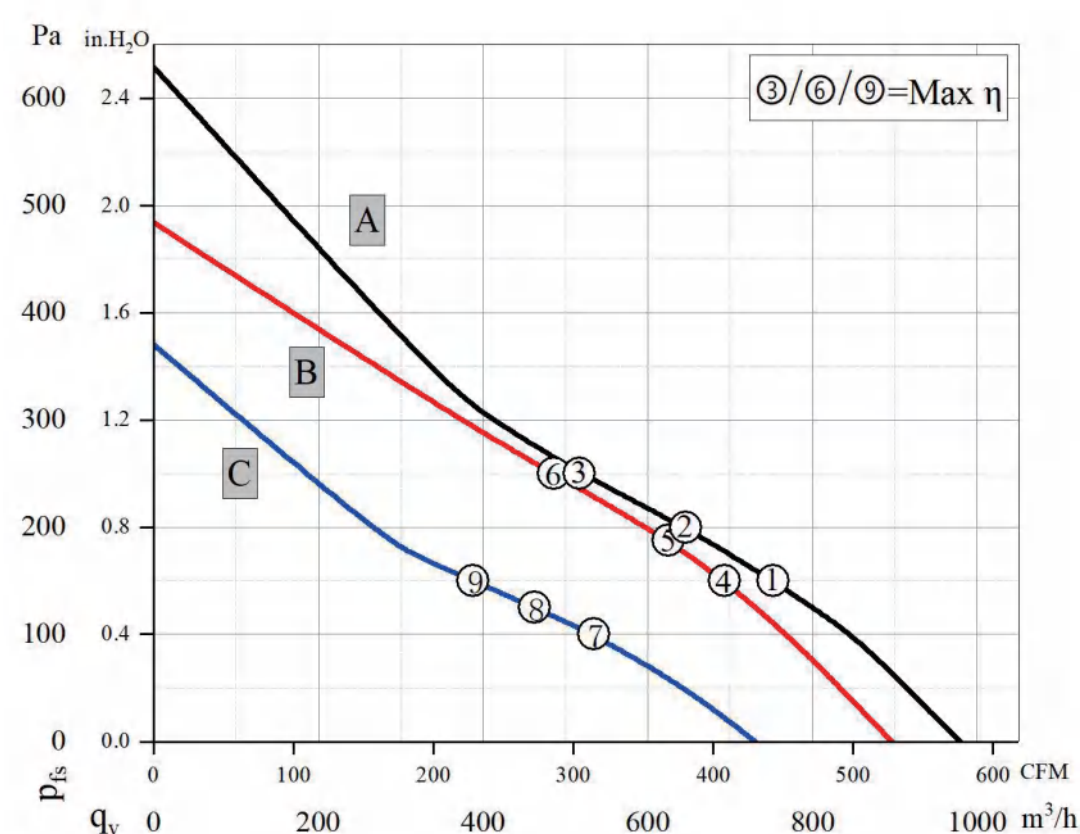
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

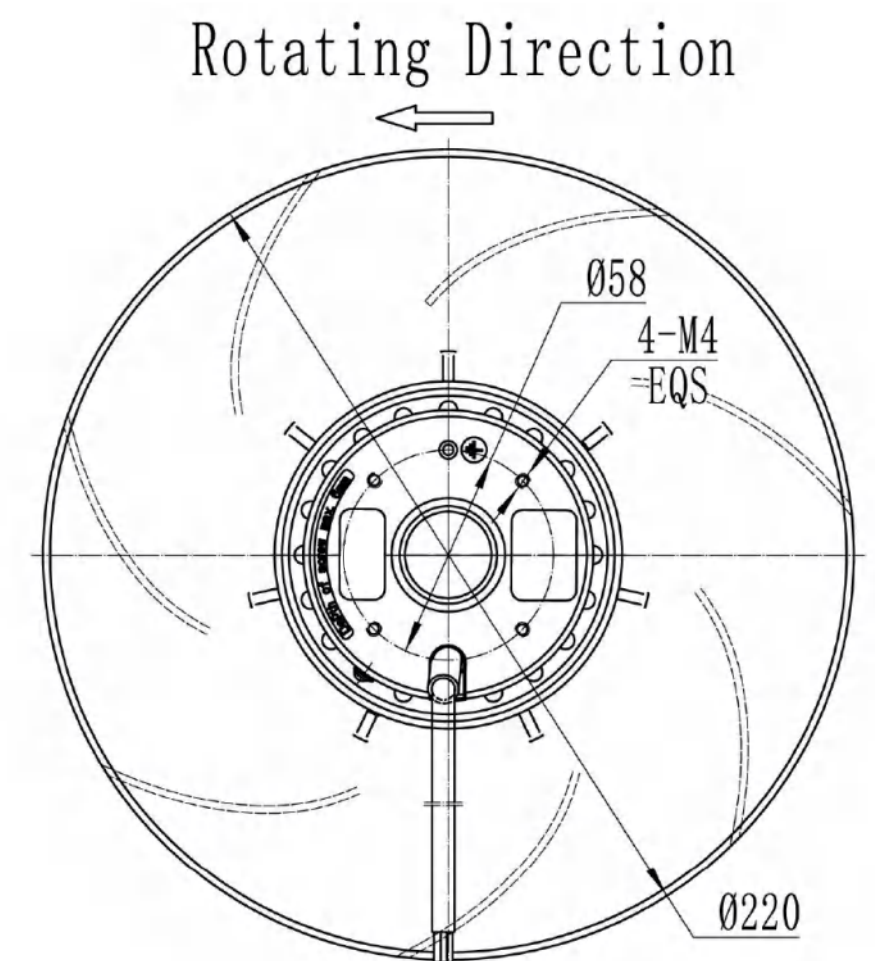
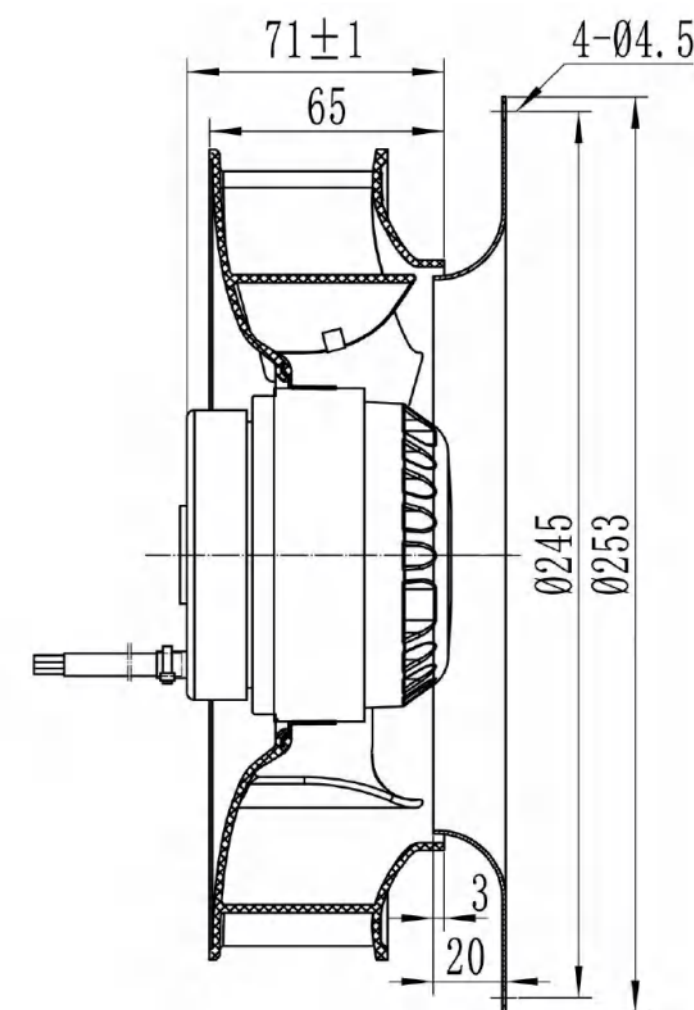
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E220-092NS-01	230	60	129	0.56	2780	980	630	67.1	3	A
LWBA2E220-092NS-02	230	50	101	0.44	2530	900	490	66.6	3	B
LWBA4E220-092NS-03	230	50	64	0.29	2180	730	380	62.2	2.5	C

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ220



LWBA-220 Series

Product Characteristic

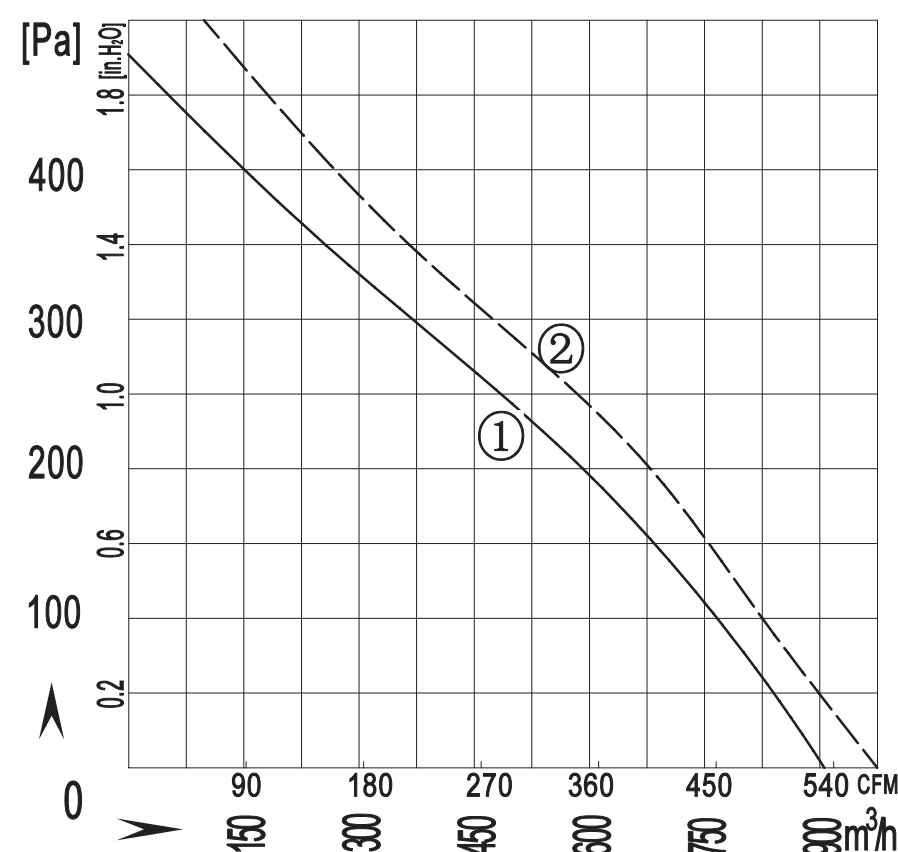
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

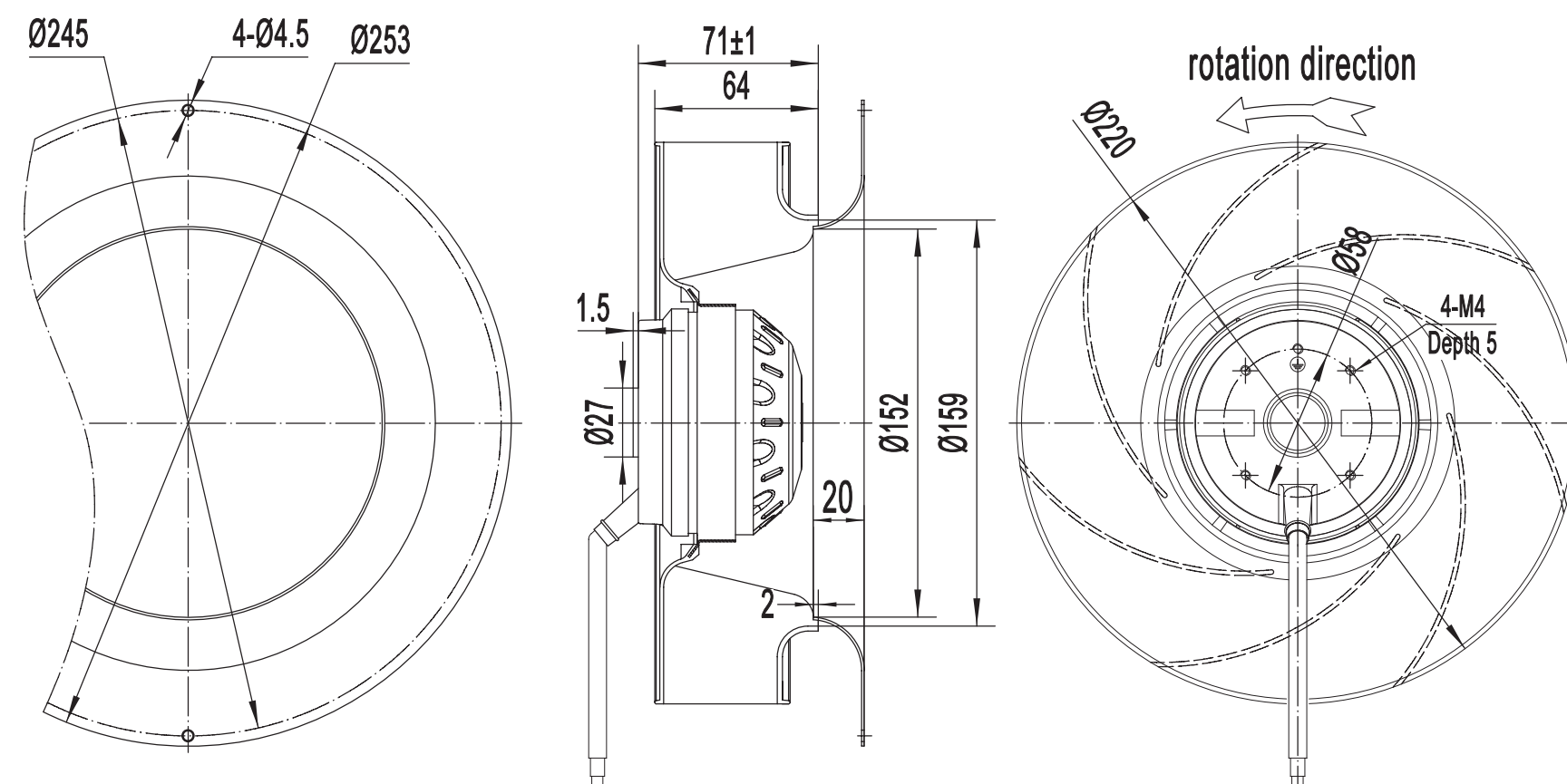
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E220-092NS-04	230	50	90	0.41	2500	910	470	70	2.5	①
LWBA2E220-092NS-05	230	60	100	0.46	2700	970	500	73	2.5	②
LWBA2D220-092NT-06	380	50	85	0.17	2500	910	470	70	/	①
LWBA2D220-092NT-07	380	60	100	0.20	2700	970	500	73	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ220



LWBA-220 Series

Product Characteristic

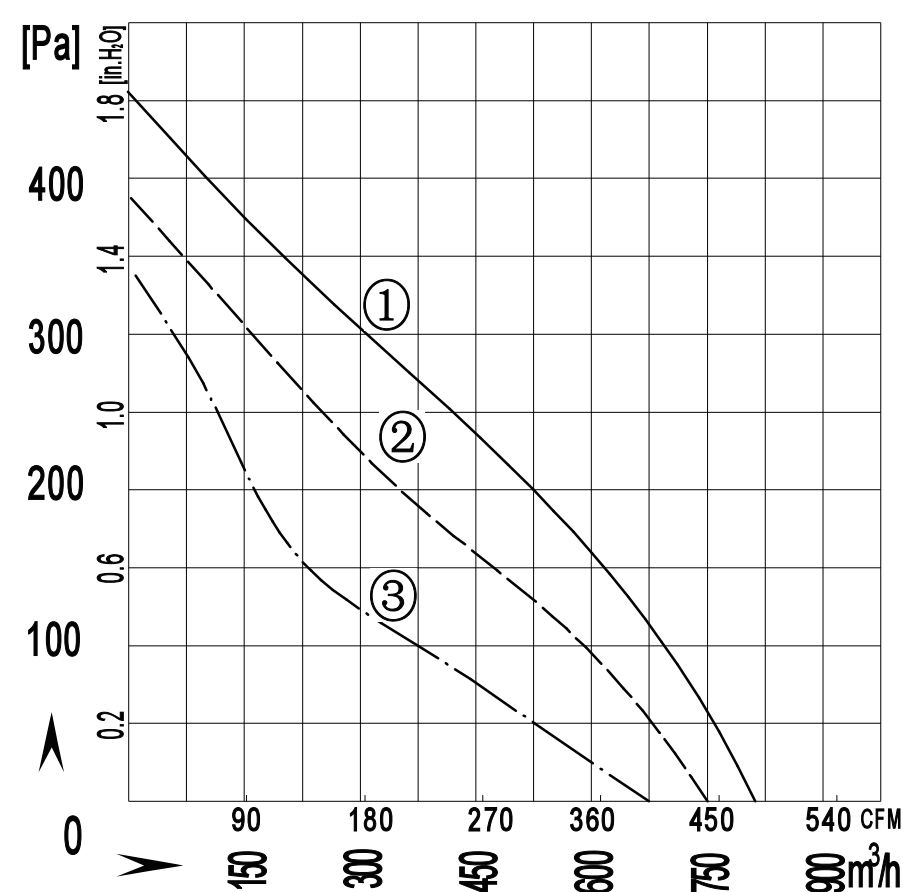
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

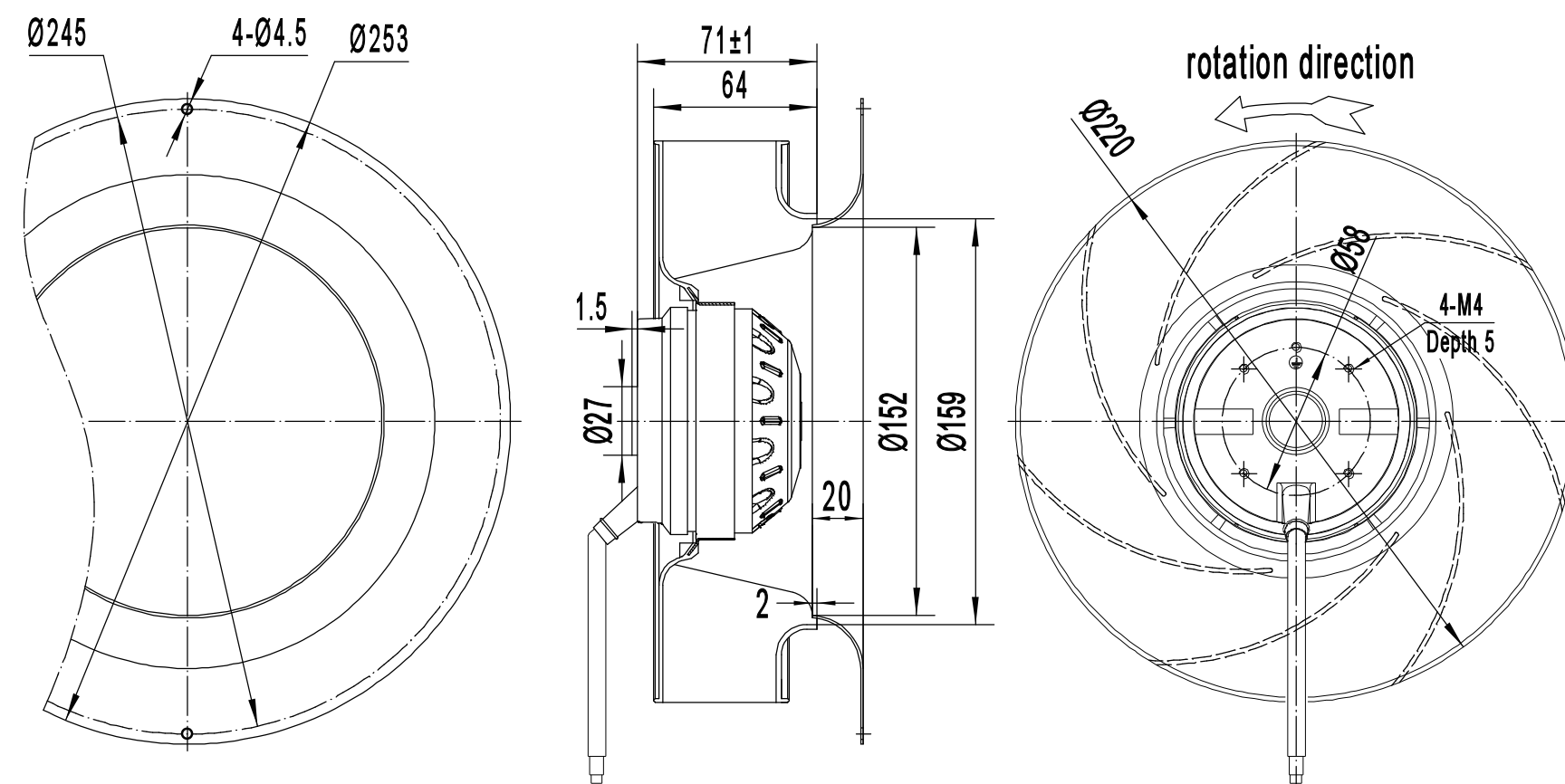
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E220-092NS-08	230	50	95	0.44	2500	800	460	70	2.5	①
	230	50	90	0.40	2300	750	380	67	2.5	②
	230	50	88	0.40	2000	670	340	64	2.5	③

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ220



LWBA-220 Series

Product Characteristic

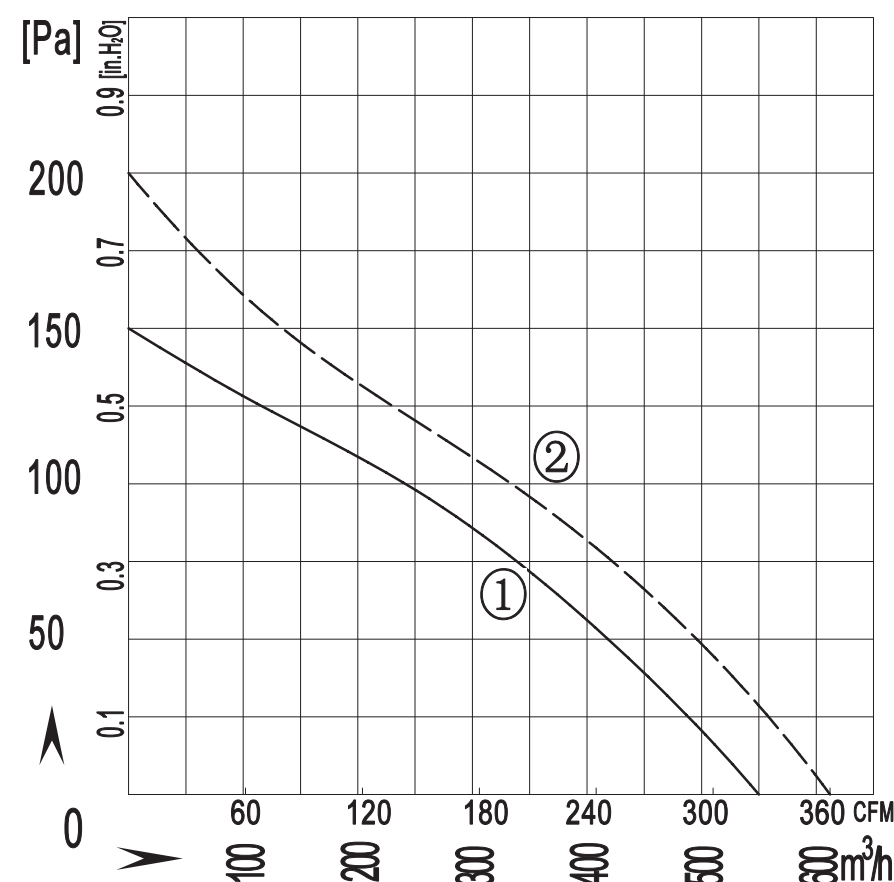
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

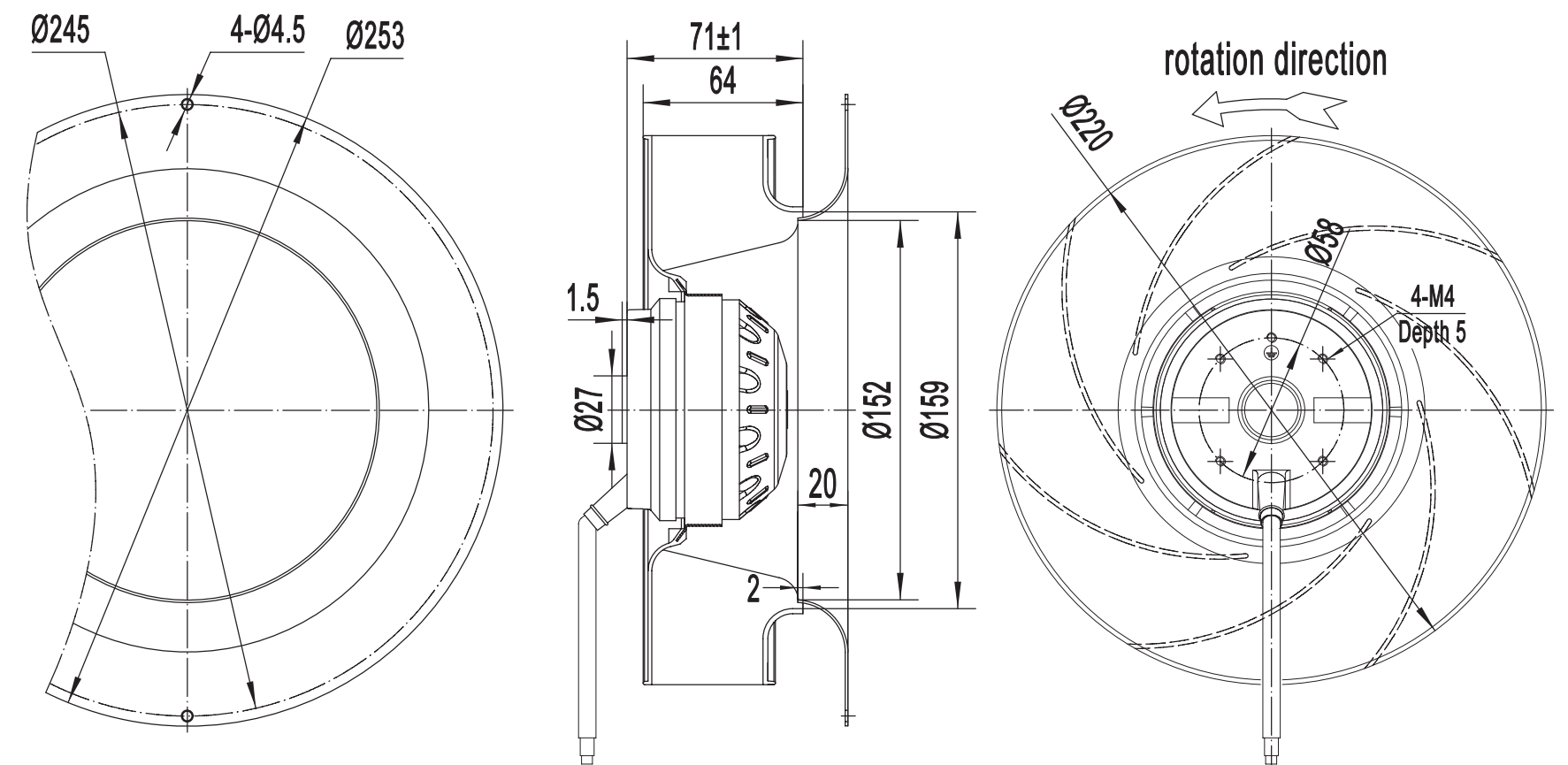
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E220-092NS-09	230	50	40	0.23	1420	550	150	52	1.5	①
LWBA4E220-092NS-10	230	60	41	0.19	1650	610	200	58	1.5	②
LWBA4D220-092NT-11	380	50	38	0.08	1400	550	150	52	/	①
LWBA4D220-092NT-12	380	60	41	0.10	1650	610	200	58	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ220



LWBA-225 Series

Product Characteristic

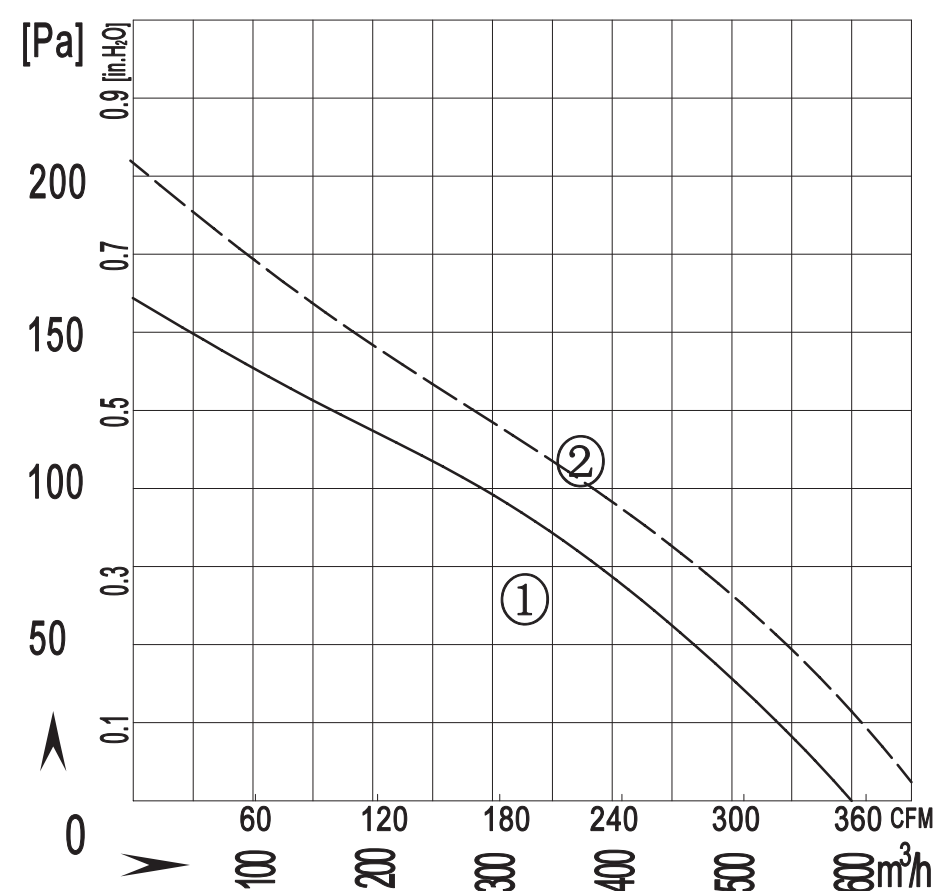
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

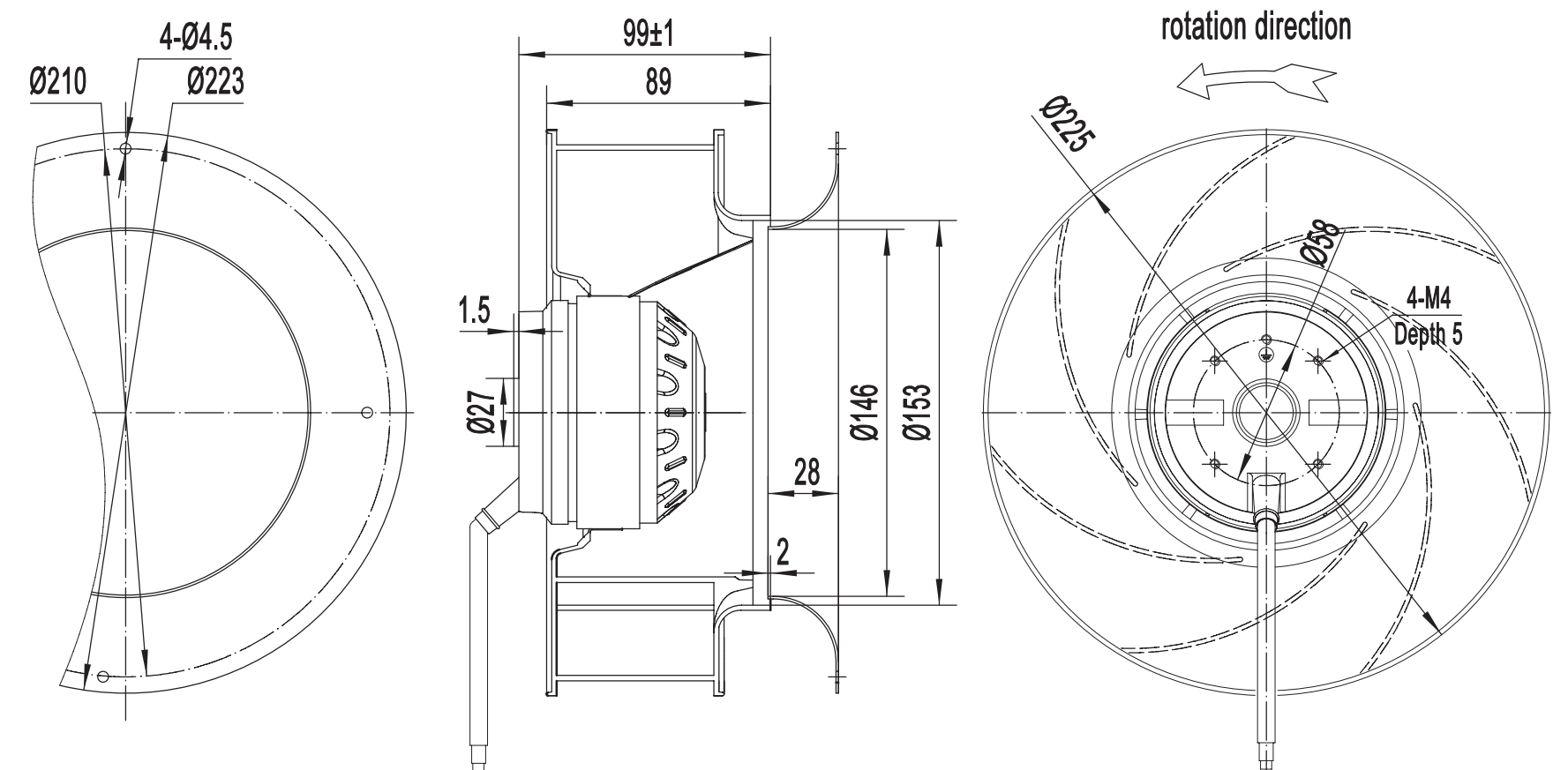
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E225-092NS-01	230	50	45	0.21	1420	600	160	54	1.5	①
LWBA4E225-092NS-02	230	60	47	0.20	1650	690	200	60	1.5	②
LWBA2D225-092NT-03	380	50	45	0.13	1420	600	160	54	/	①
LWBA4D225-092NT-04	380	60	47	0.13	1650	690	200	60	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ225



LWBA-225 Series

Product Characteristic

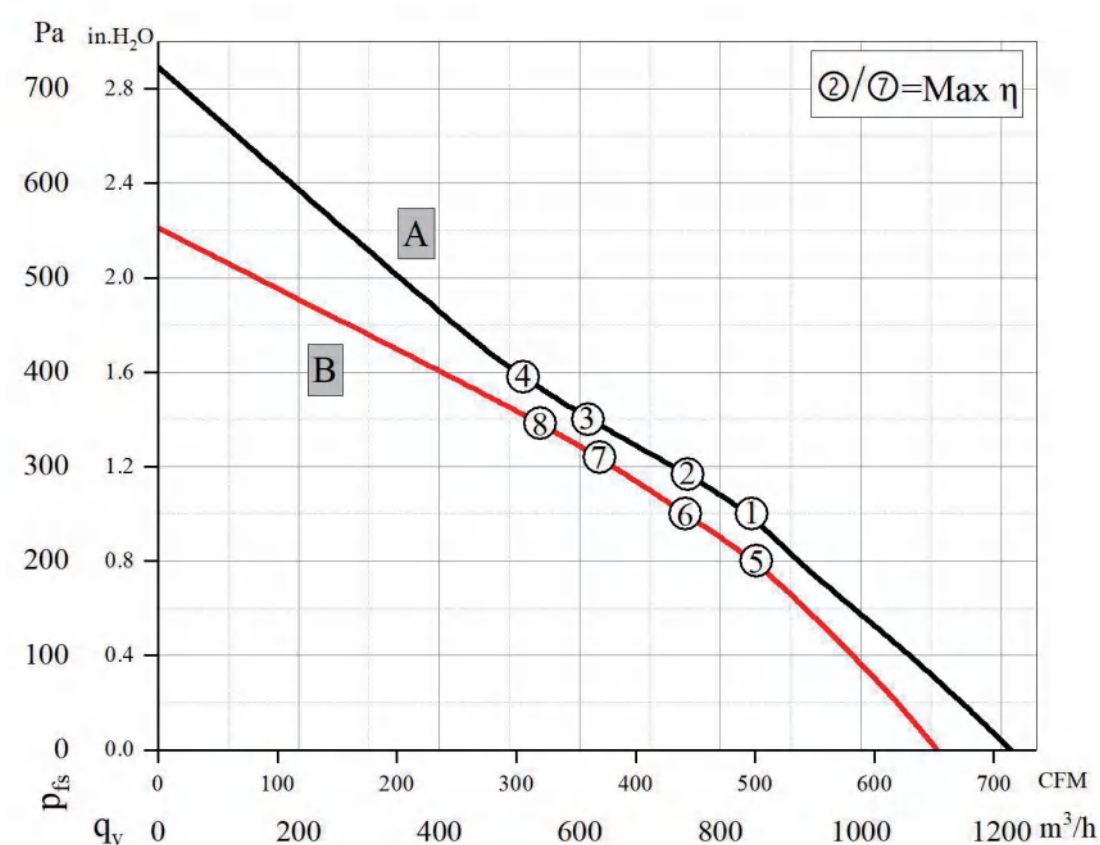
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

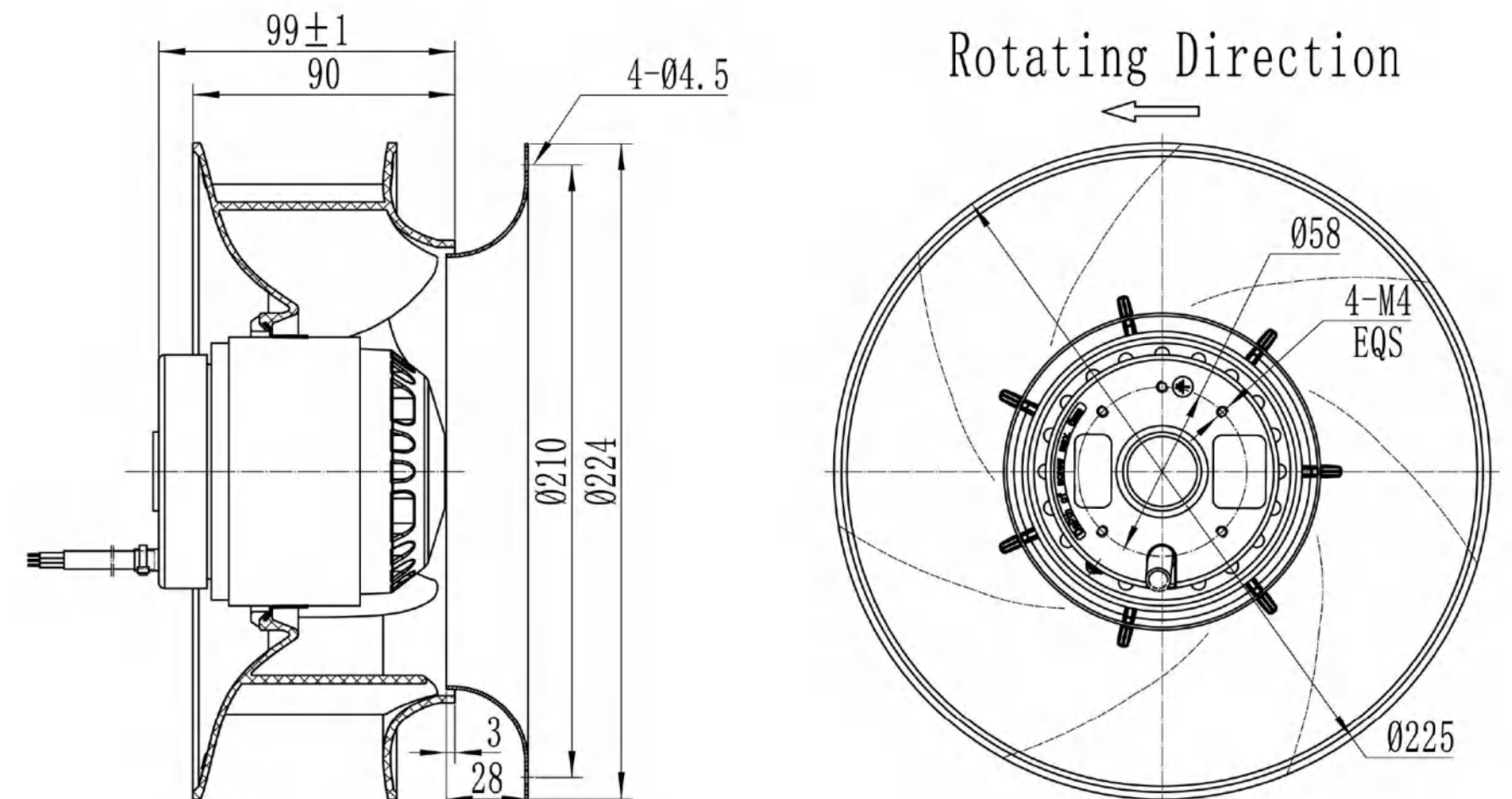
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E225-092NU-05	110	60	178	0.77	2905	1215	720	71.3	20	A
LWBA2E225-092NS-06	230	50	129	0.56	2655	1110	550	68.6	5	B

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ225



LWBA-225 Series

Product Characteristic

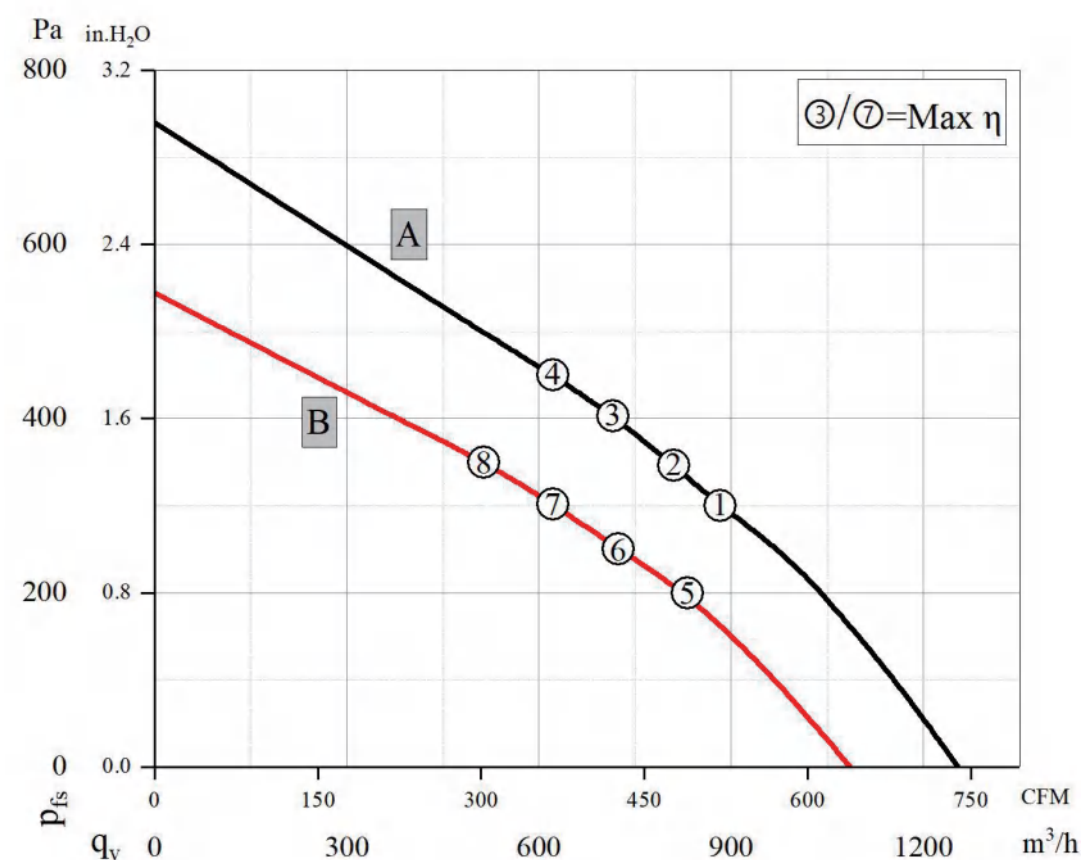
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

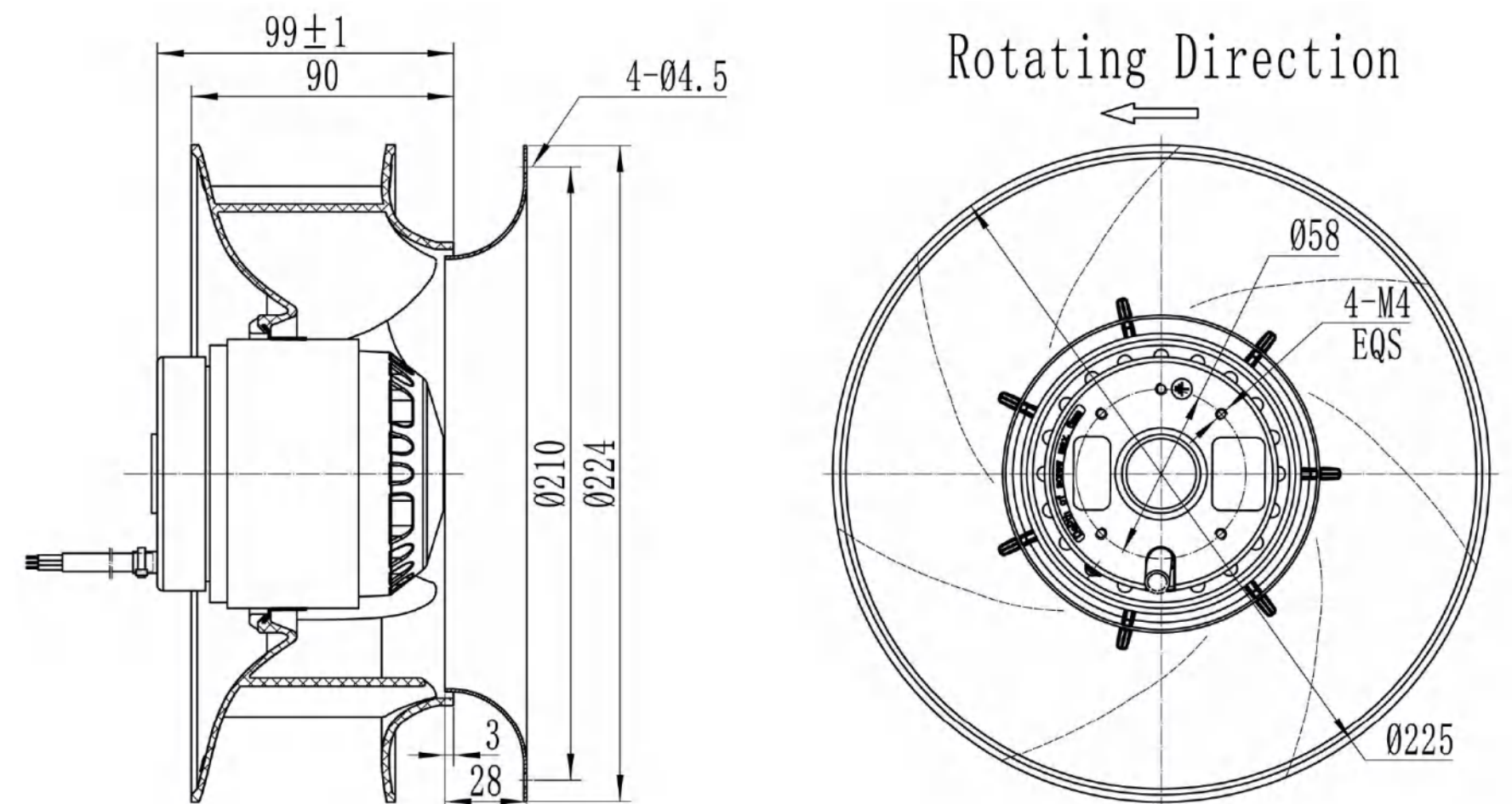
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2D225-092NT-07	460	60	190	0.30	3095	1255	750	71.8	/	A
LWBA2D225-092NT-08	380	50	119	0.23	2645	1085	560	68.6	/	B

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ225



LWBA-225 Series

Product Characteristic

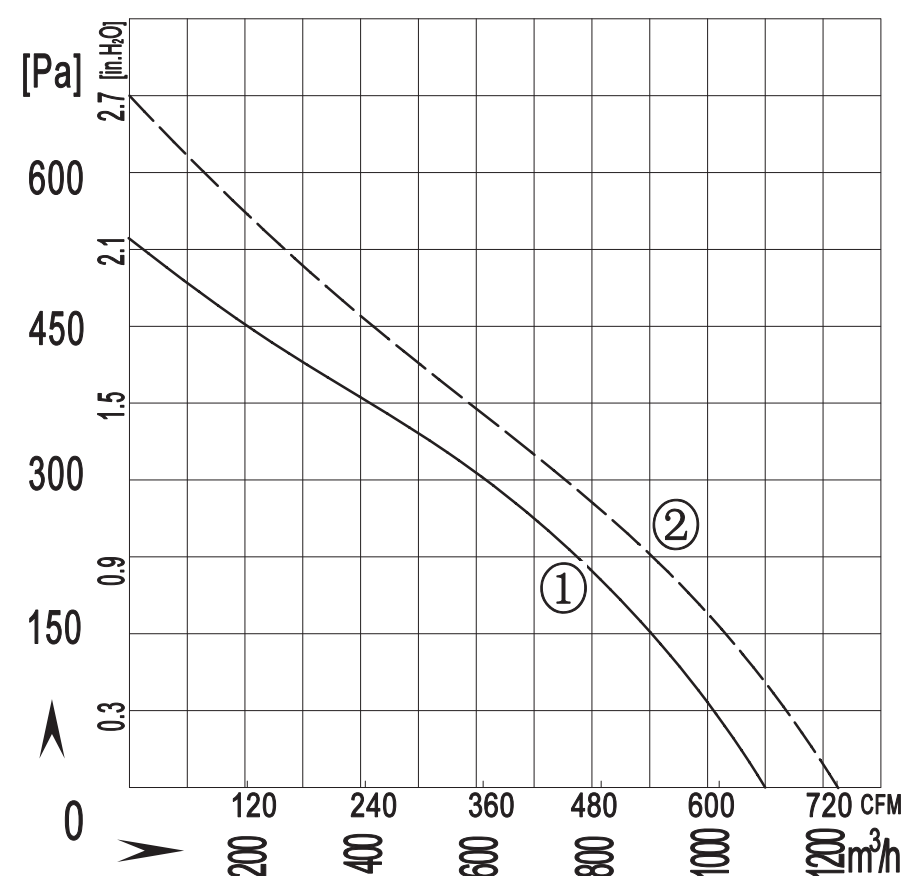
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

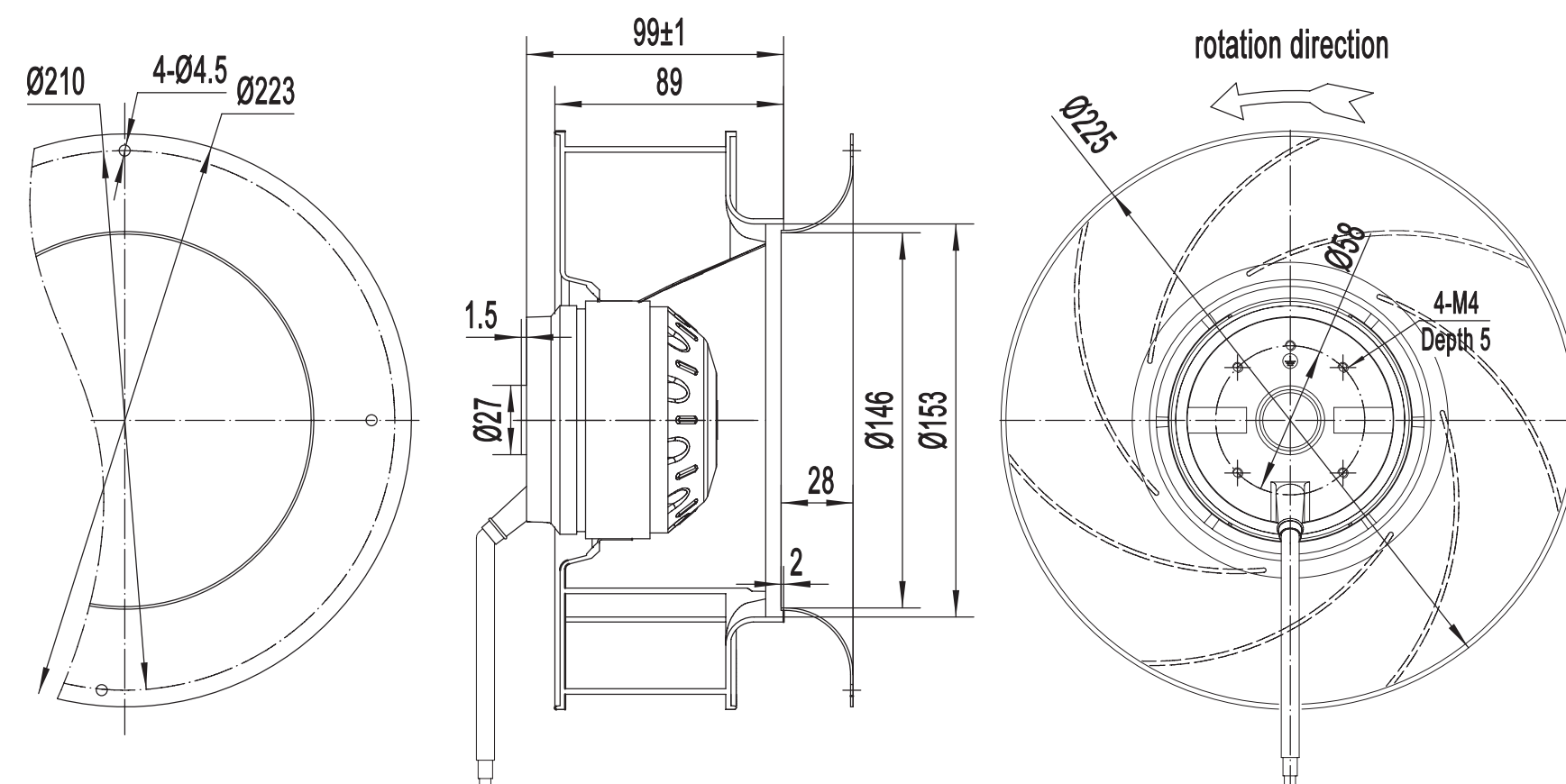
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E225-092NS-09	230	50	135	0.60	2600	1100	530	74	4	①
LWBA2E225-092NS-10	230	60	180	0.90	2900	1250	675	76	4	②
LWBA2D225-092NT-11	380	50	135	0.23	2600	1100	530	74	/	①
LWBA2D225-092NT-12	380	60	180	0.28	2900	1250	675	76	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ225



LWBA-225 Series

Product Characteristic

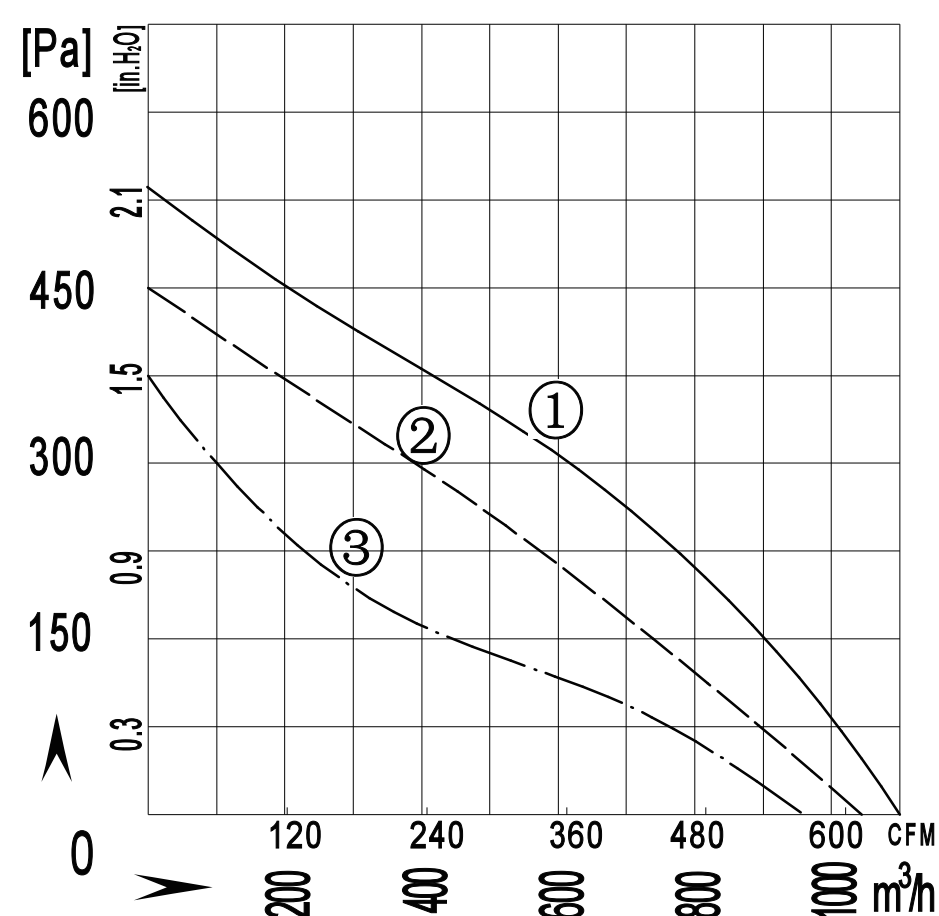
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

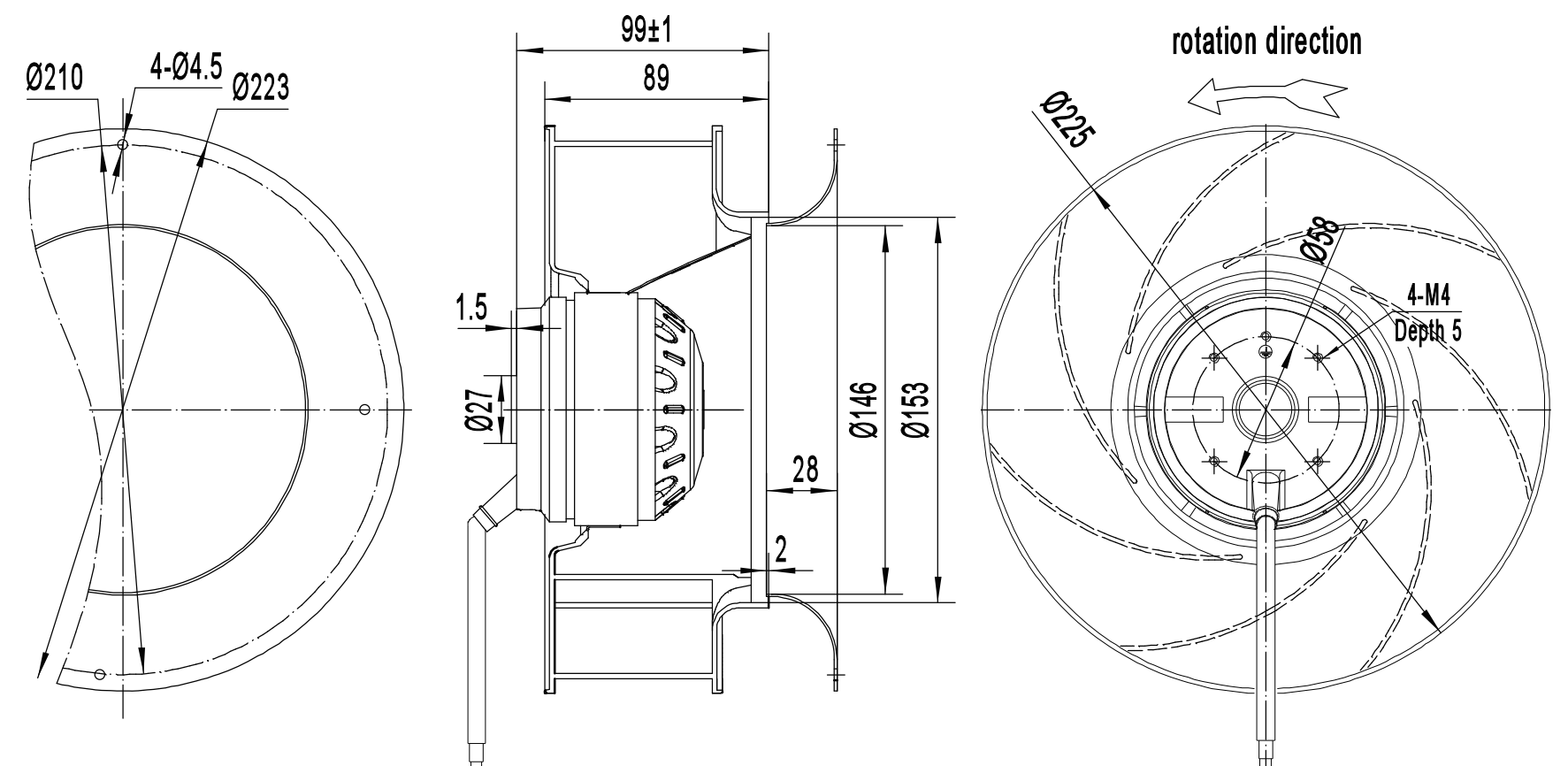
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E225-092NS-13	230	50	125	0.60	2630	1100	530	74	4	①
	230	50	120	0.54	2500	1045	450	70	4	②
	230	50	115	0.52	2290	955	375	66	4	③

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ225



LWBA-250 Series

Product Characteristic

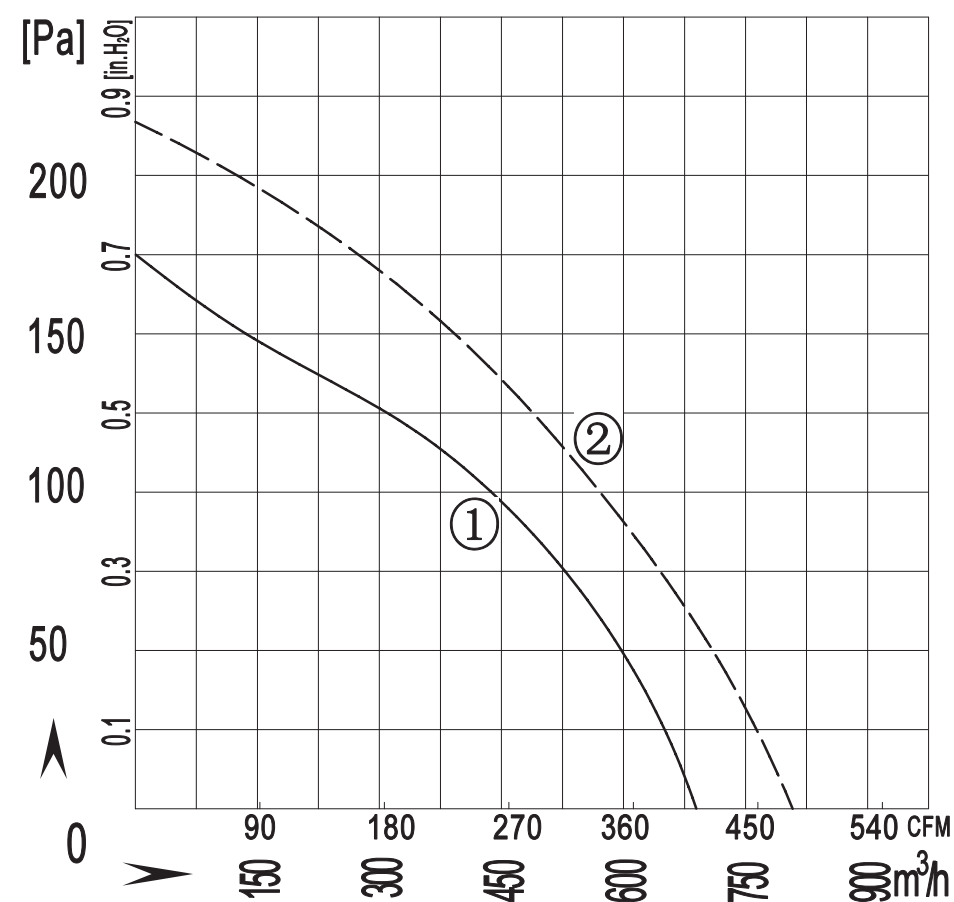
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

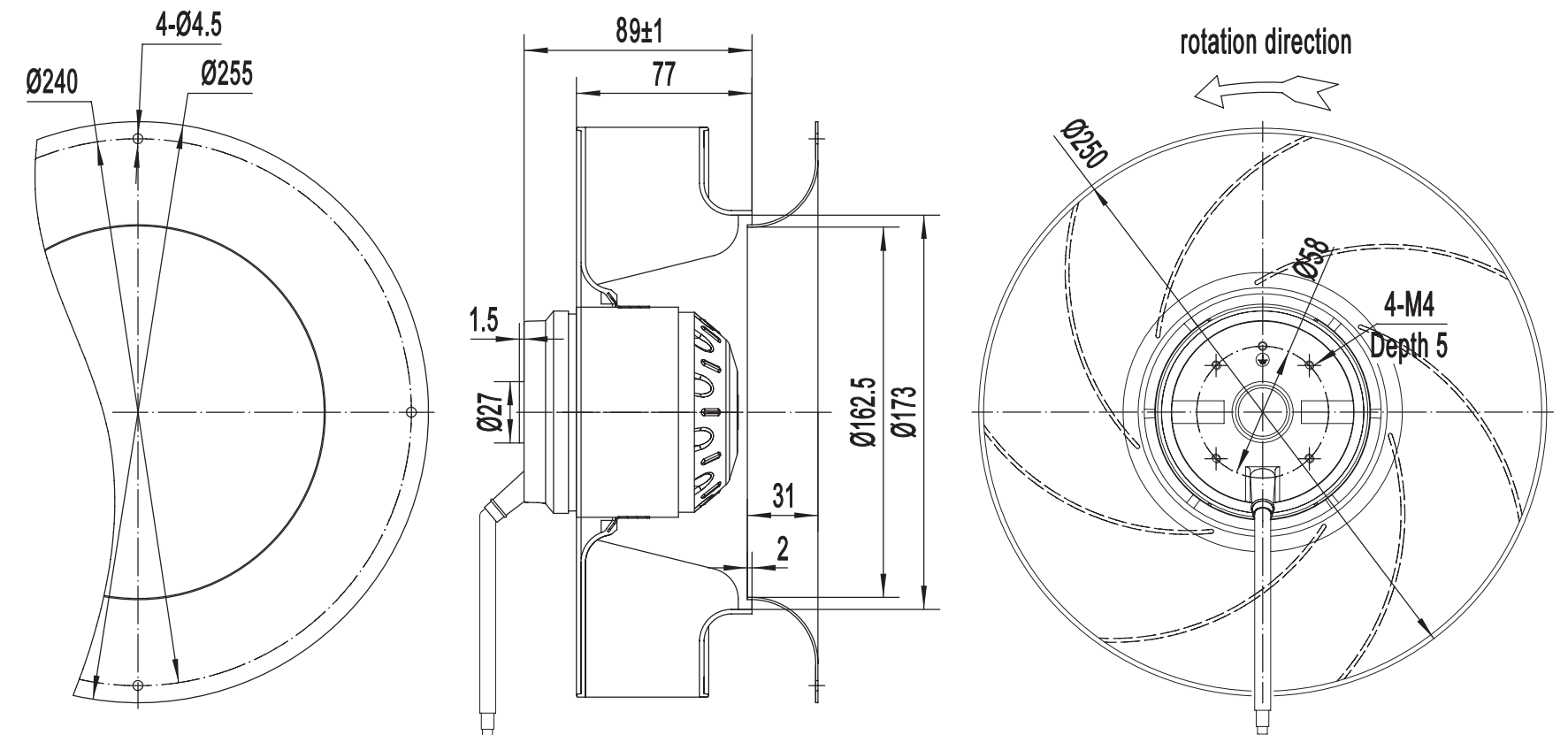
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E250-092NS-01	230	50	53	0.28	1400	680	175	61	2	①
LWBA4E250-092NS-02	230	60	58	0.28	1600	800	220	64	2	②
LWBA4D250-092NT-03	380	50	53	0.15	1400	680	175	61	/	①
LWBA4D250-092NT-04	380	60	58	0.16	1600	800	220	64	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ250



LWBA-250 Series

Product Characteristic

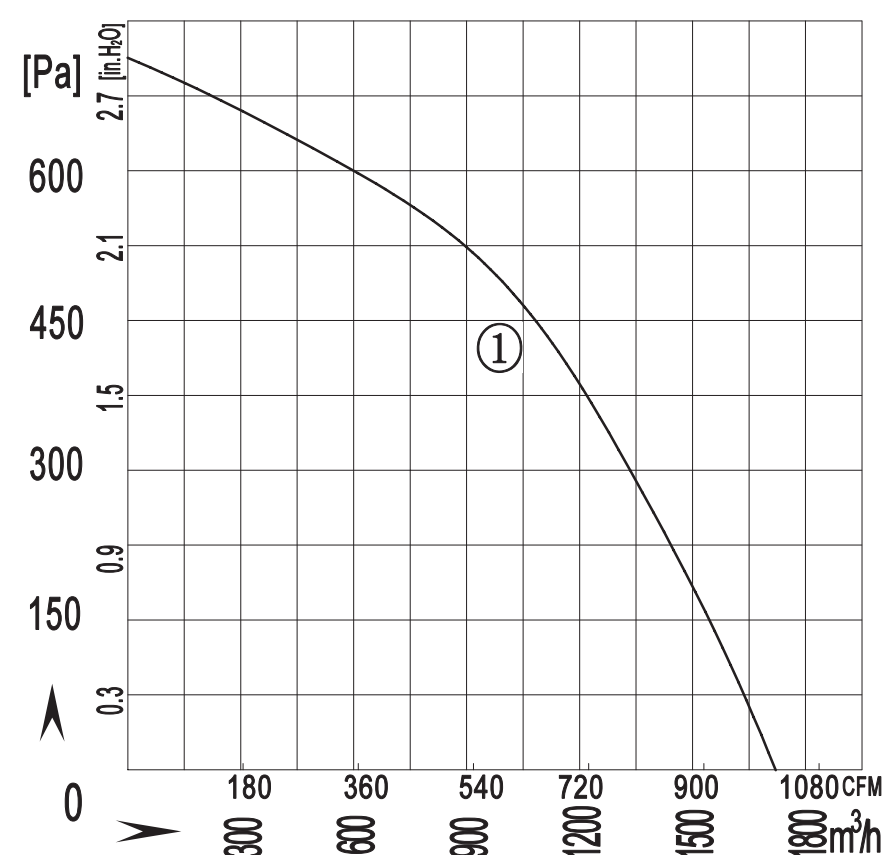
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

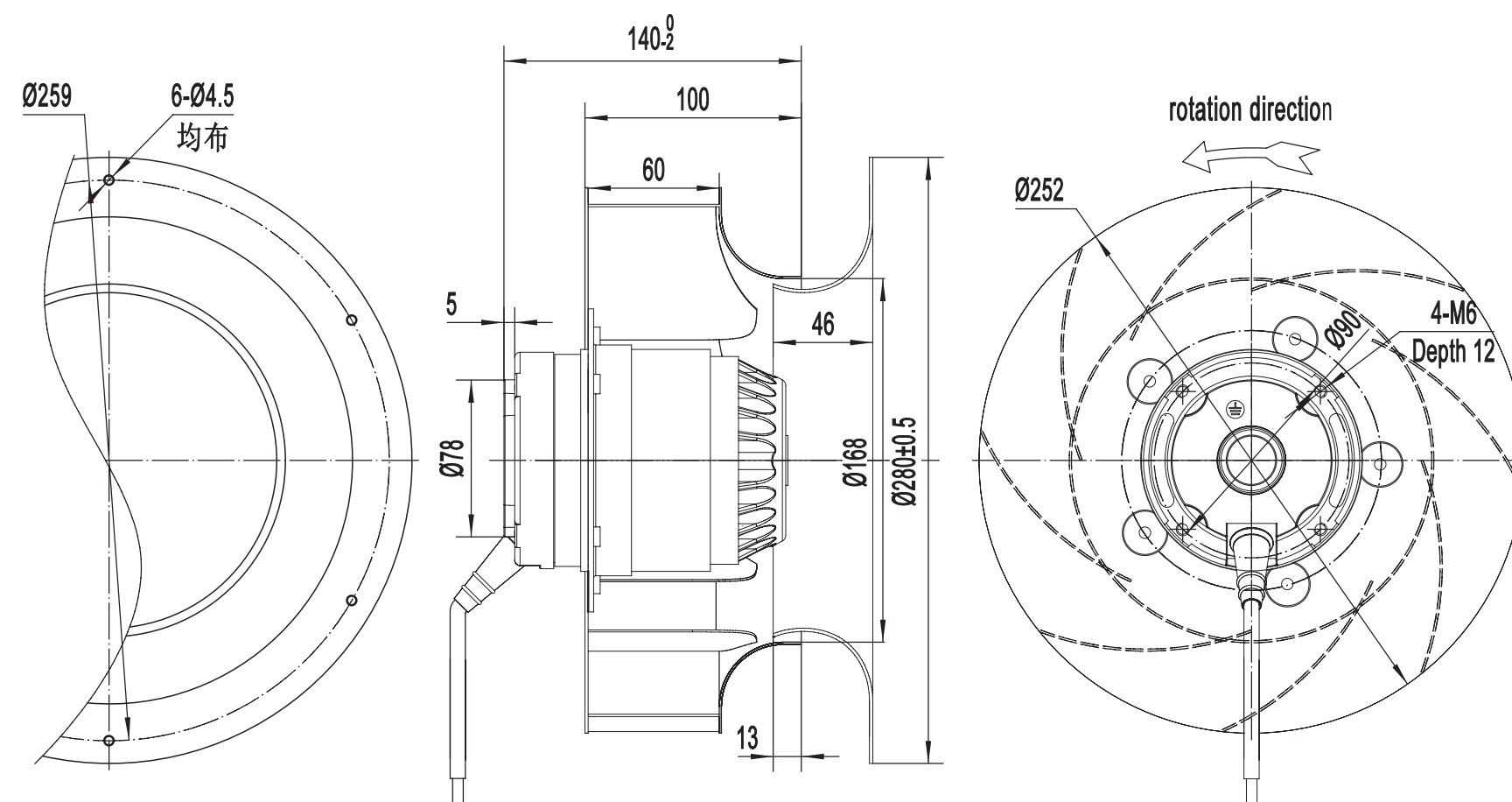
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E250-092NS-05	230	50	290	1.20	2650	1700	700	76	6	①
LWBA2D250-092NT-06	380	50	290	0.90	2800	1700	700	77	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ250



LWBA-250 Series

Product Characteristic

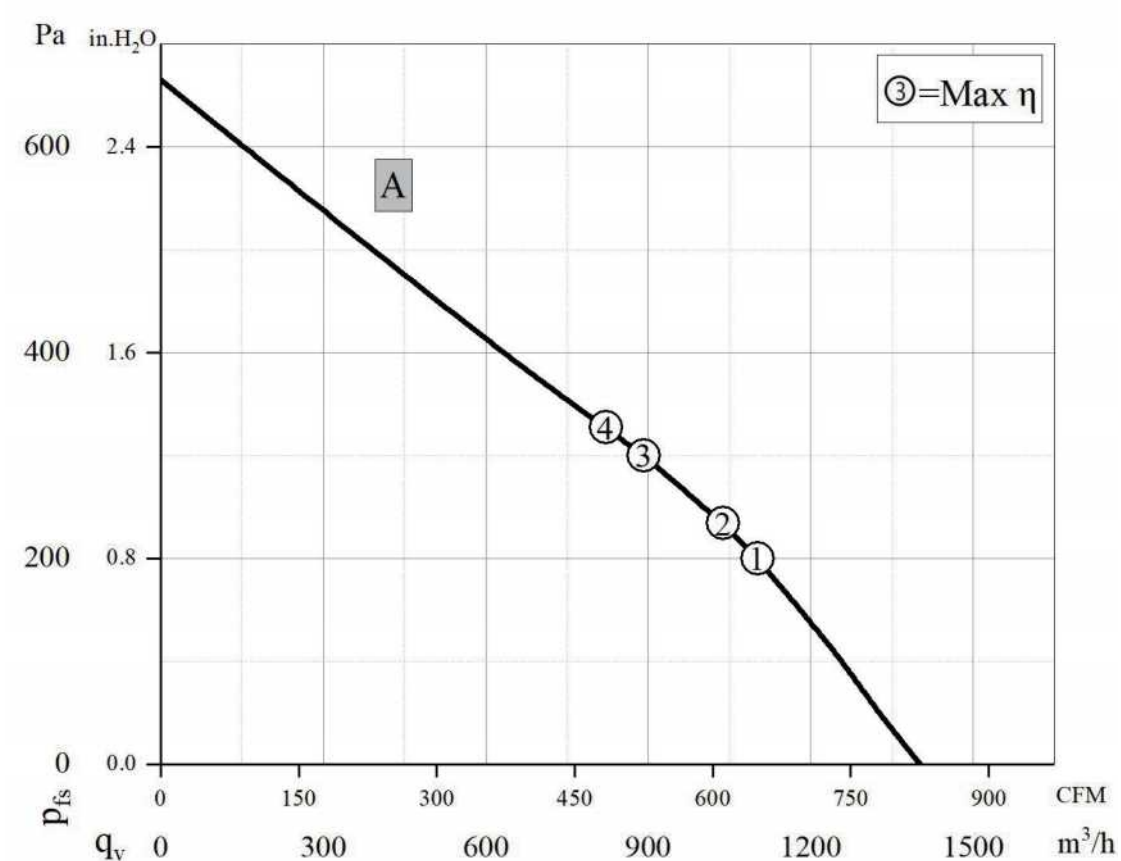
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

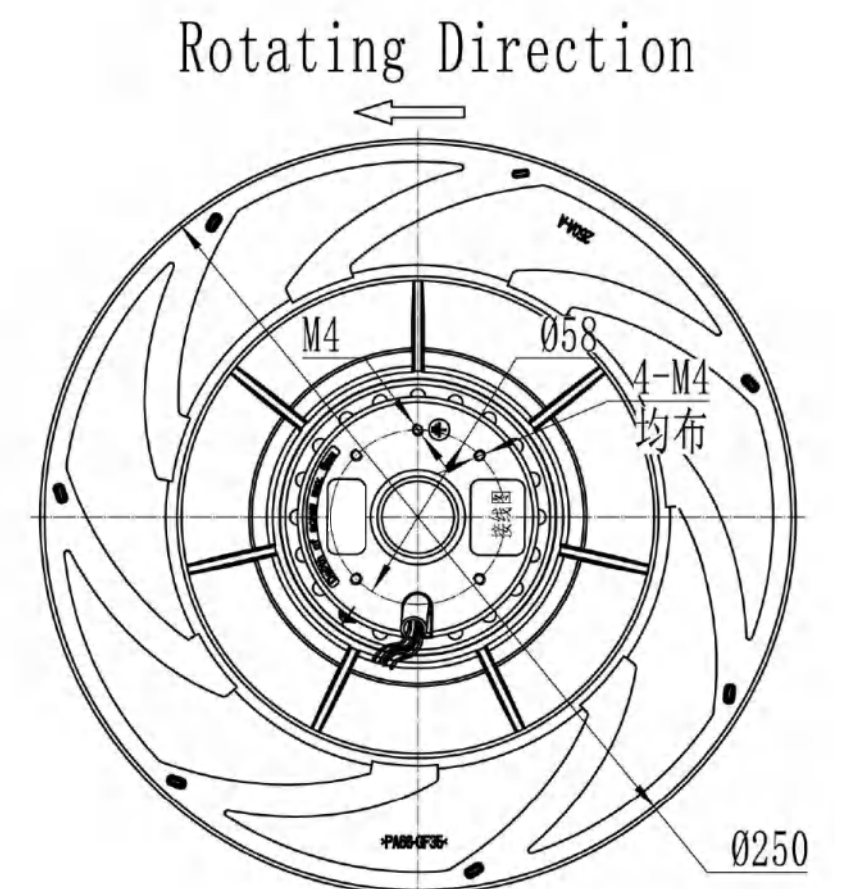
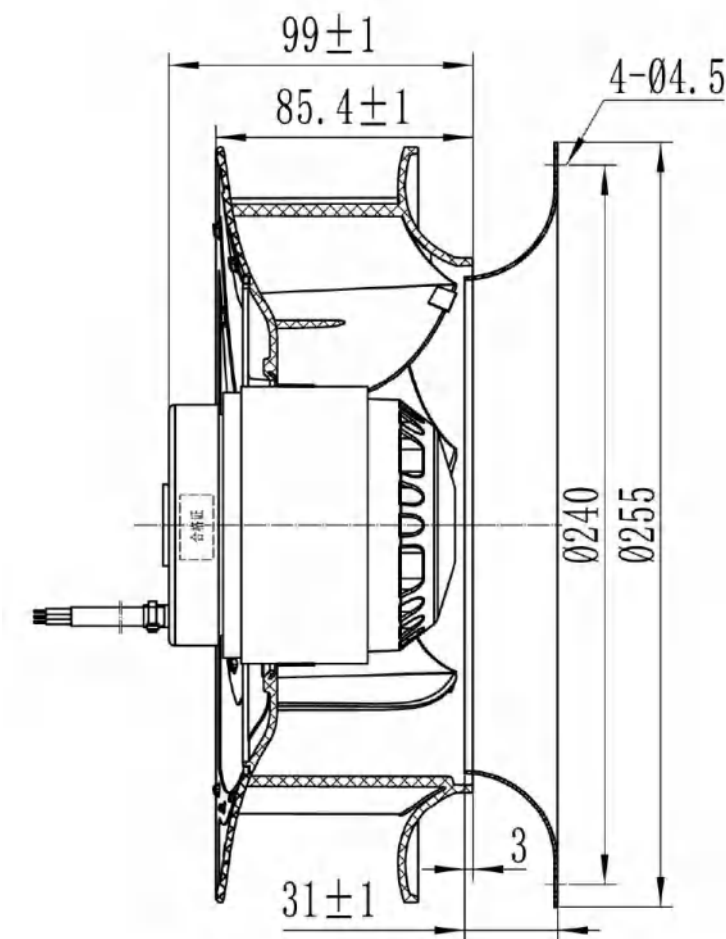
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E250-092NS-07	230	50	151	0.66	2700	1400	680	72.7	5	A

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ250



LWBA-250 Series

Product Characteristic

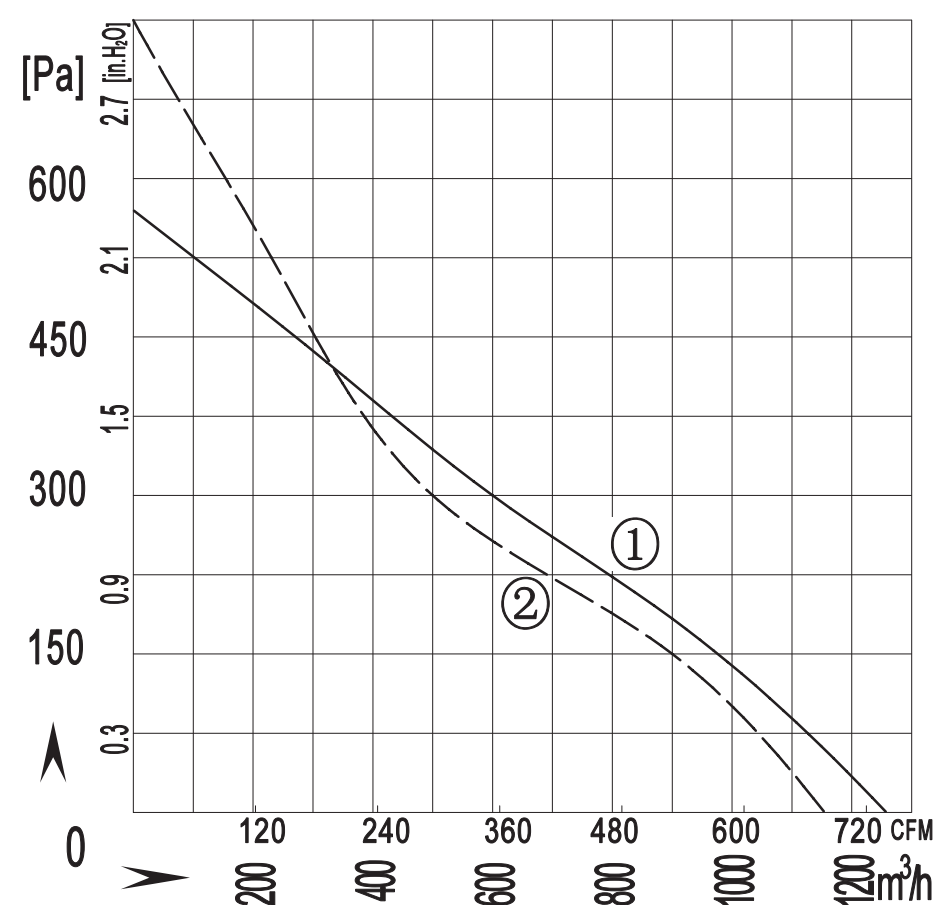
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

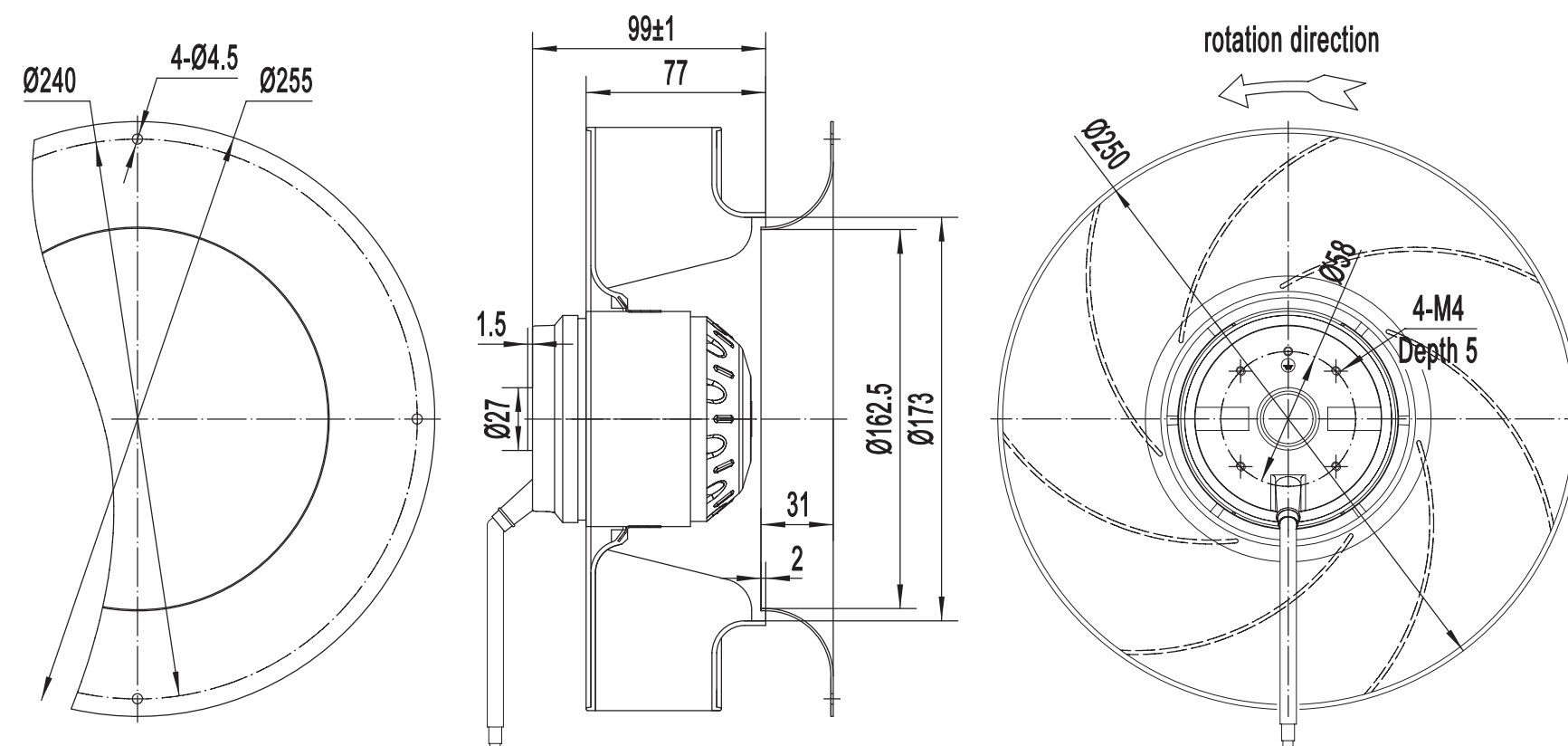
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E250-092NS-08	230	50	135	0.60	2450	1250	580	74	4	①
LWBA2E250-092NS-09	230	60	190	0.90	2600	1150	750	76	4	②
LWBA2D250-092NT-10	380	50	160	0.32	2450	1250	580	74	/	①
LWBA2D250-092NT-11	380	60	185	0.38	2600	1150	750	76	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ250



LWBA-250 Series

Product Characteristic

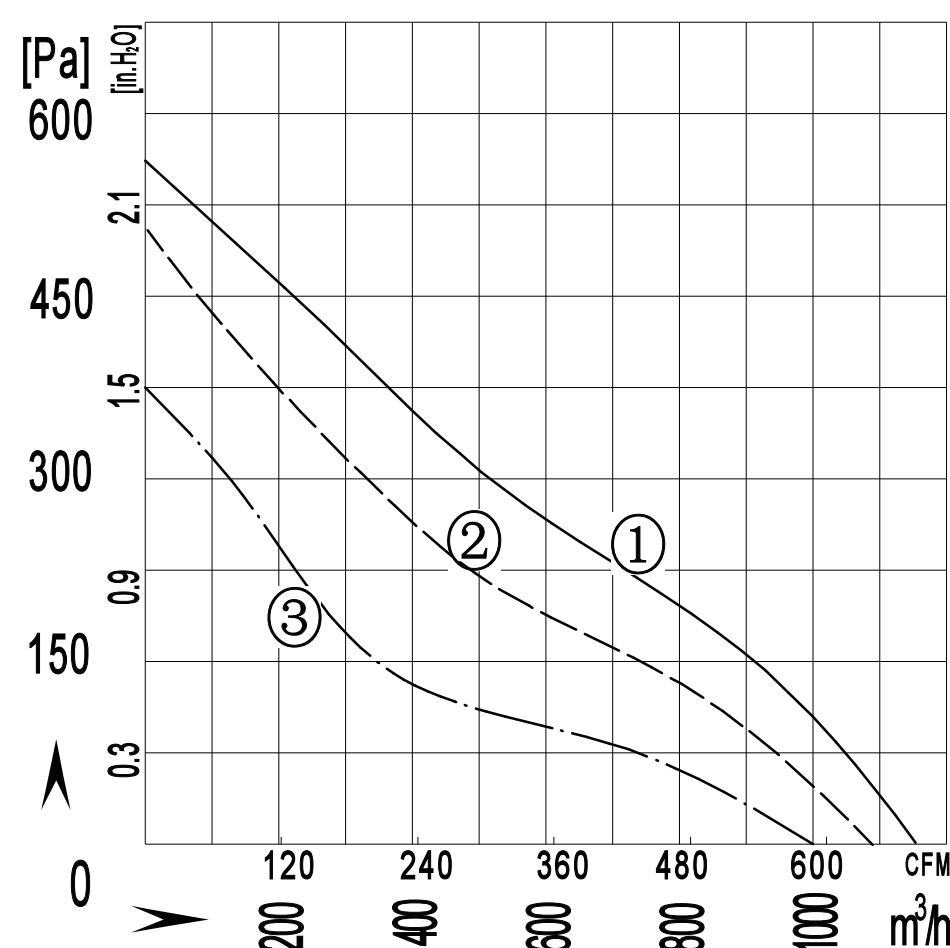
- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

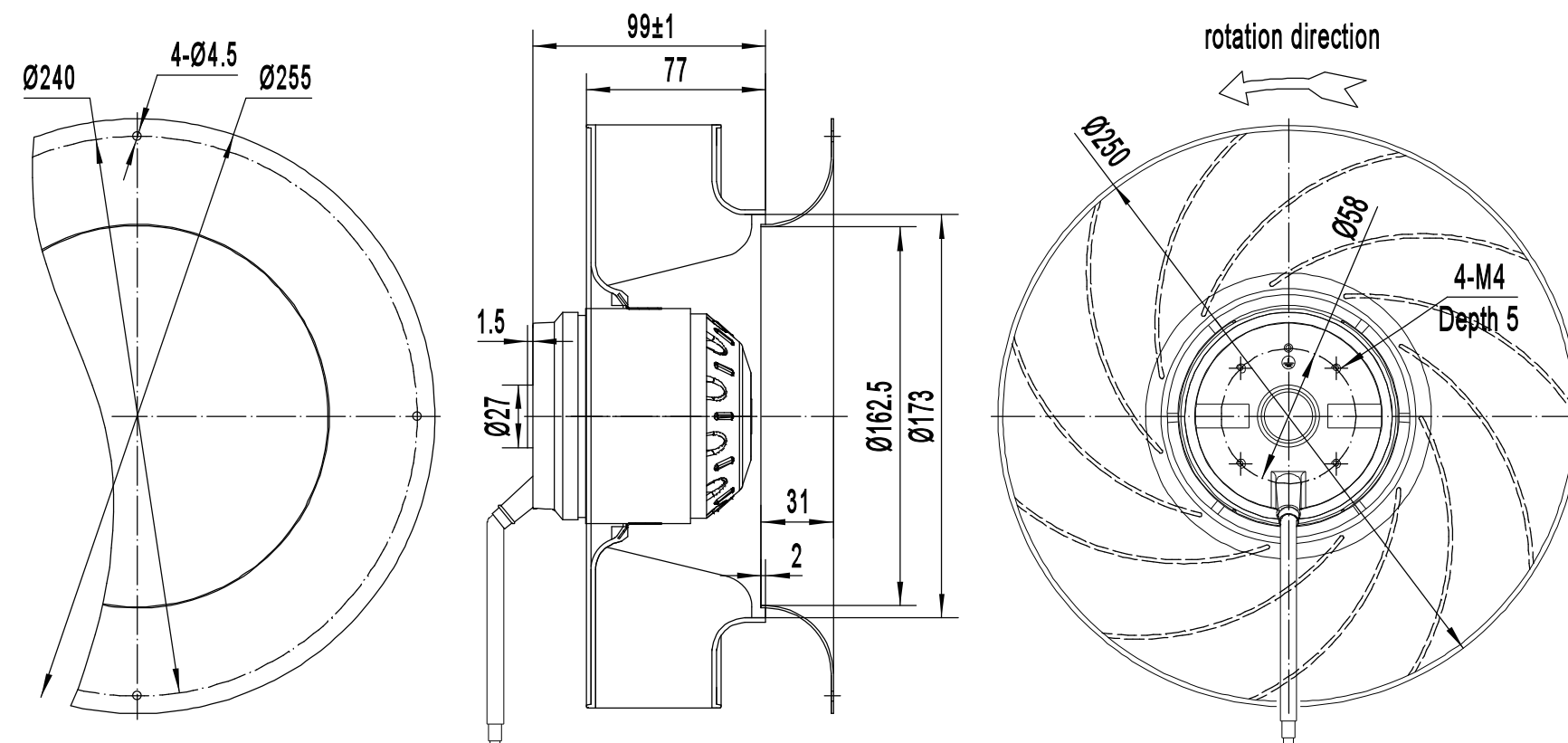
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E250-092NS-12	230	50	130	0.62	2650	1150	550	76	4	①
	230	50	125	0.58	2400	1090	500	70	4	②
	230	50	120	0.56	2150	1000	375	65	4	③

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ250



LWBA-250 Series

Product Characteristic

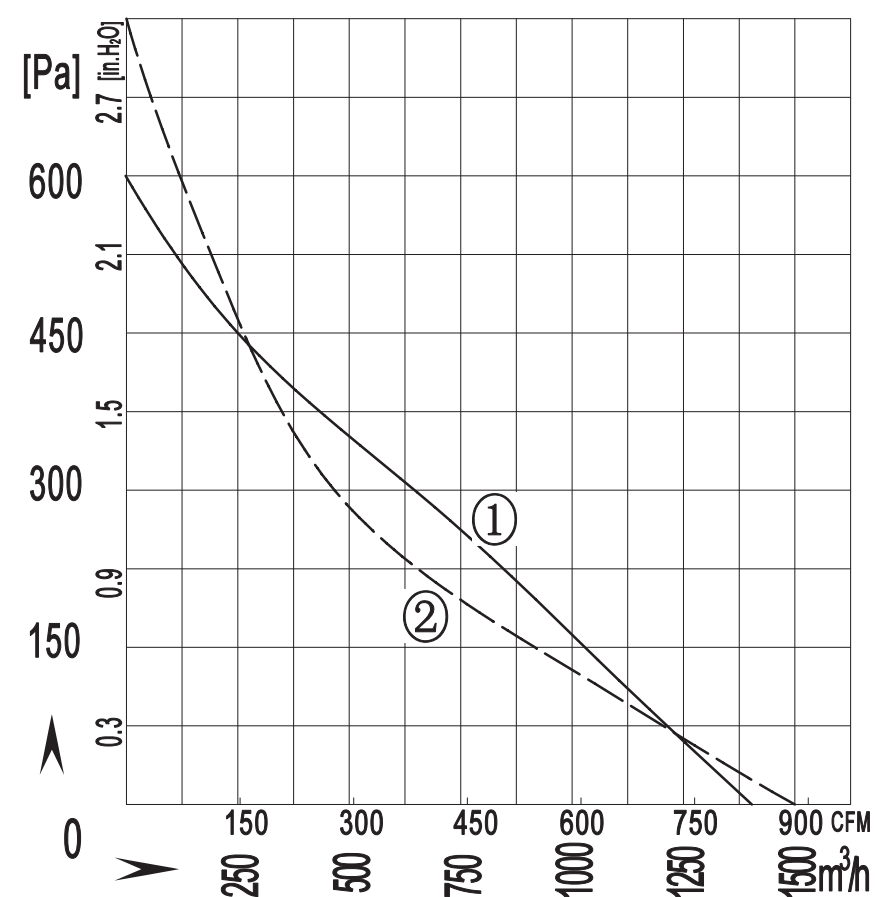
- Impeller material : Galvanised sheet steel
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

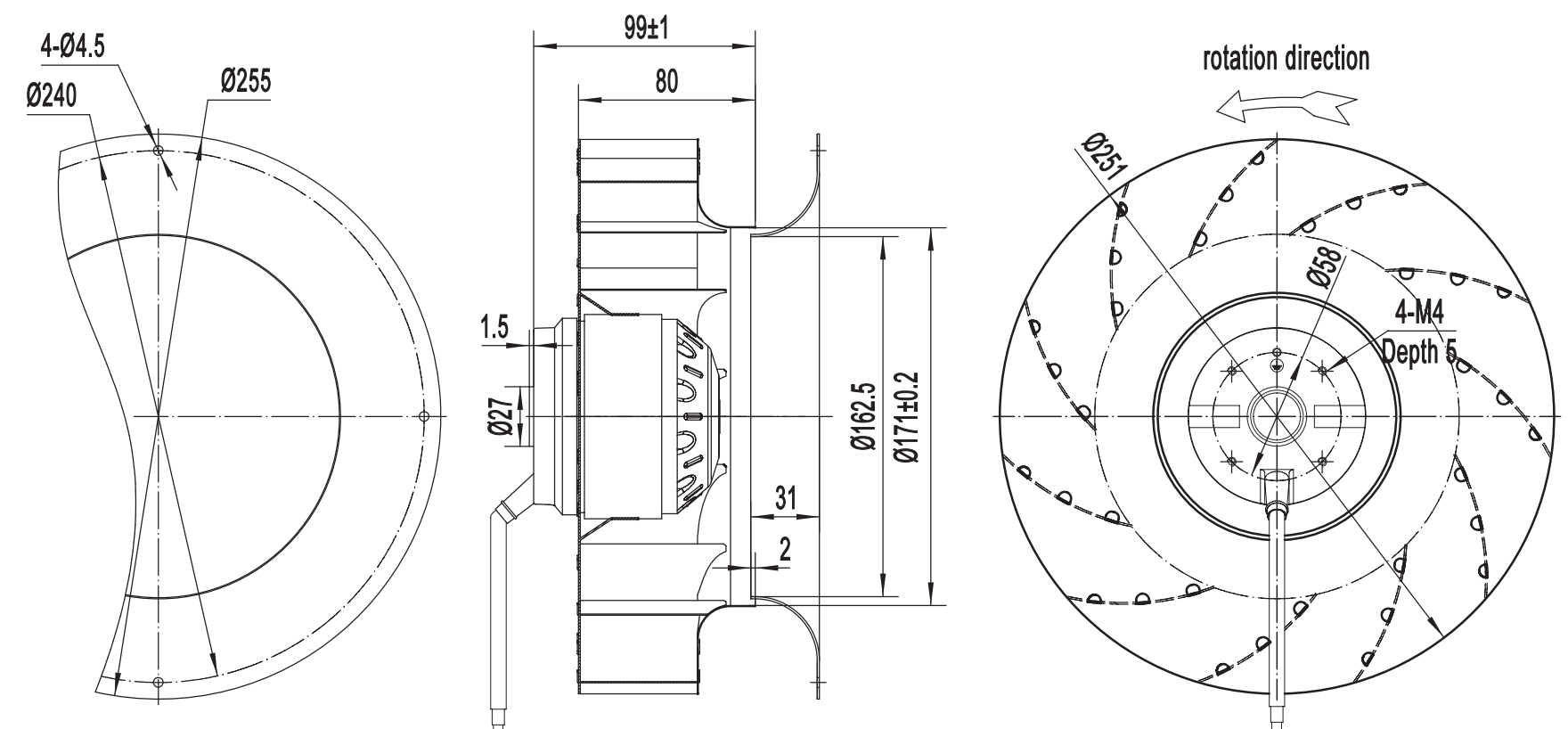
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E250-092NS-13	230	50	155	0.70	2500	1380	600	76	4	①
LWBA2E250-092NS-14	230	60	210	0.95	2600	1455	750	79	4	②
LWBA2D250-092NT-15	380	50	150	0.31	2450	1380	600	76	/	①
LWBA2D250-092NT-16	380	60	200	0.37	2550	1455	750	79	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ250



LWBA-250 Series

Product Characteristic

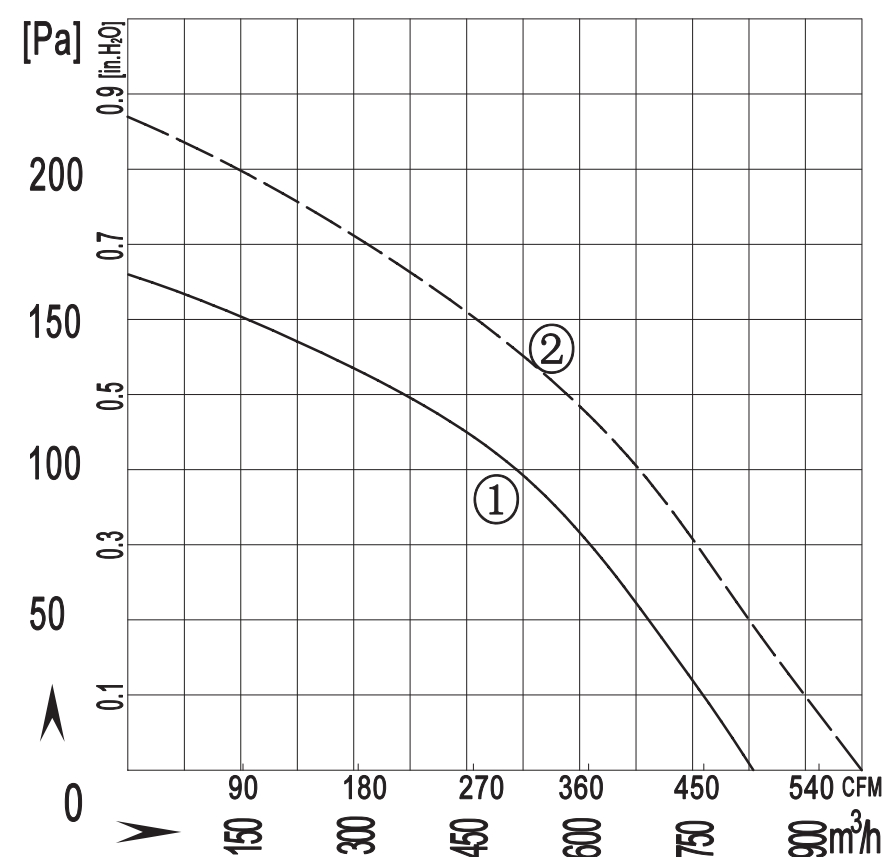
- Impeller material : Galvanised sheet steel
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

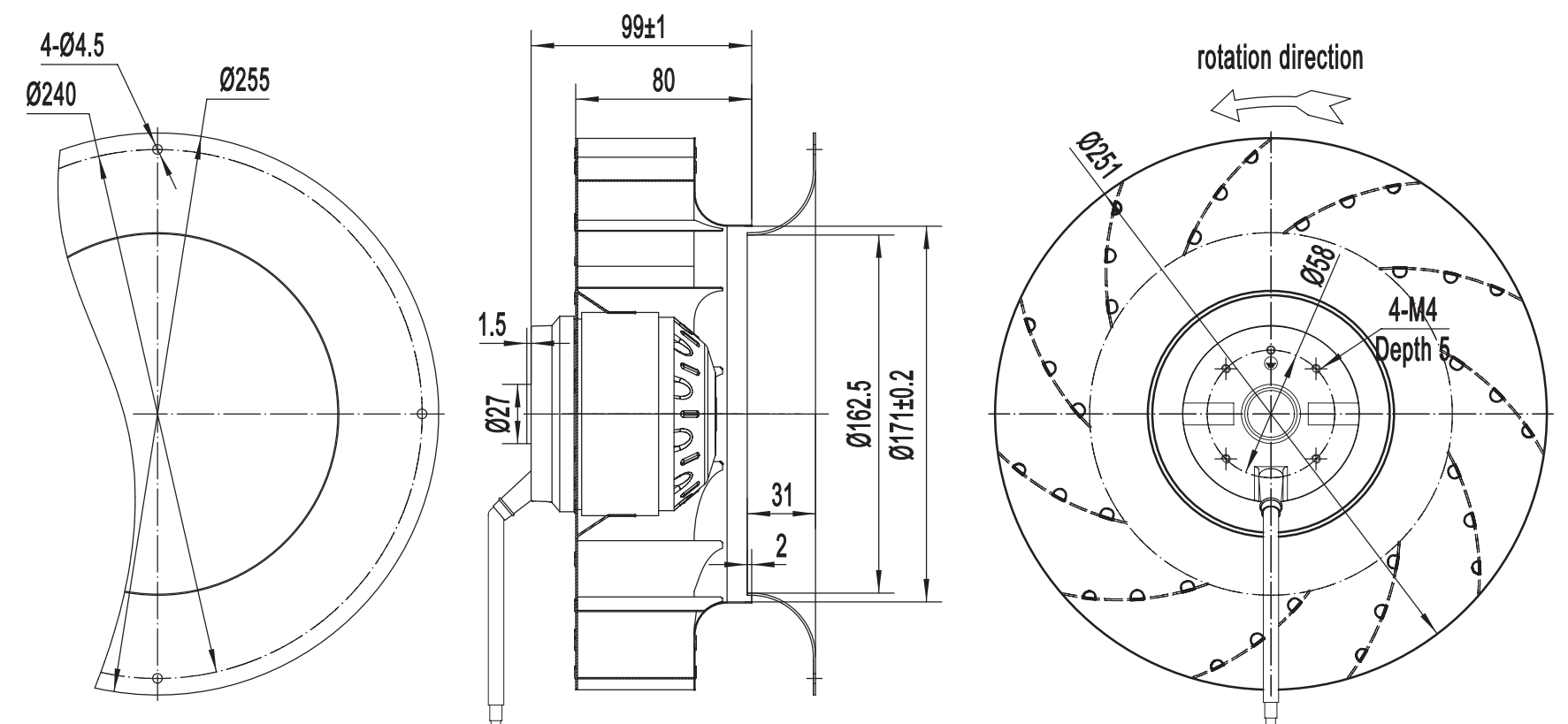
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E250-092NS-17	230	50	50	0.24	1400	830	160	68	2	①
LWBA4E250-092NS-18	230	60	60	0.27	1600	950	240	70	2	②
LWBA4D250-092NT-19	380	50	50	0.15	1450	830	160	68	/	①
LWBA4D250-092NT-20	380	60	60	0.15	1600	950	240	70	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ250



LWBA-280 Series

Product Characteristic

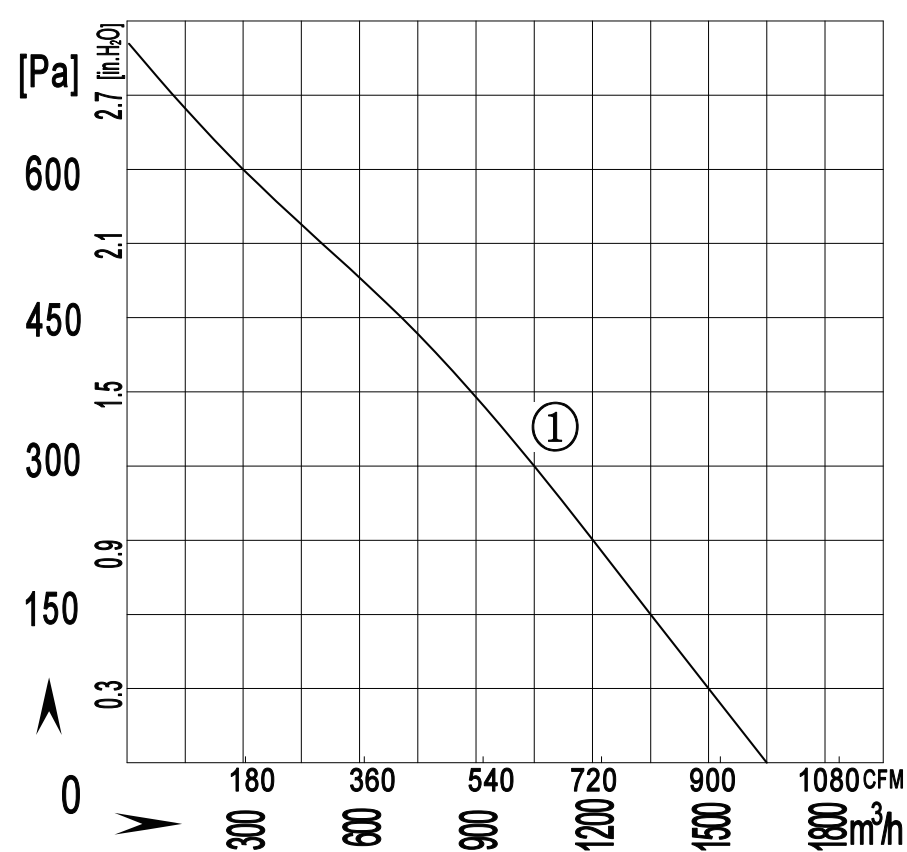
- Impeller material : Galvanised sheet steel
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

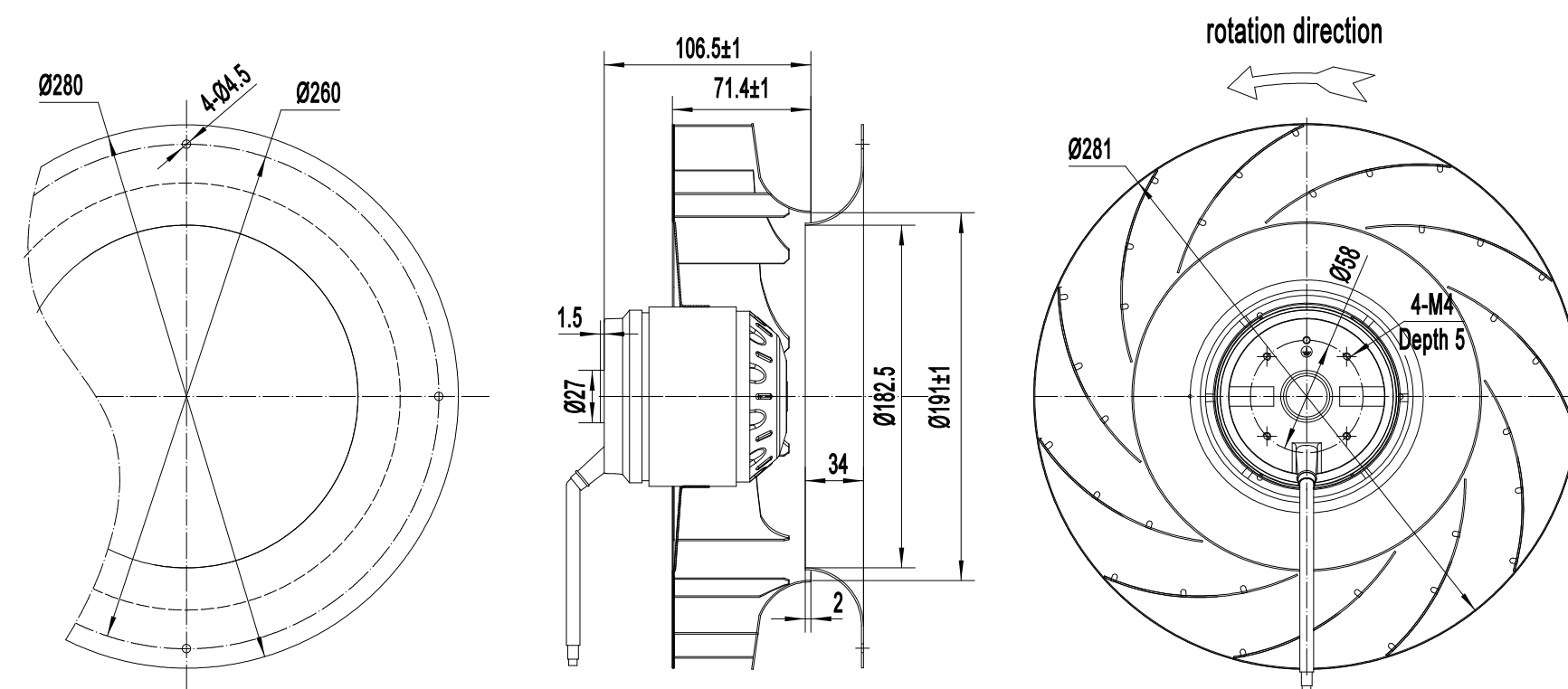
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E280-092NS-01	230	50	230	1.10	2450	1650	700	79	6	①
LWBA2D280-092NT-02	380	50	200	0.60	2500	1650	700	79	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ280



LWBA-280 Series

Product Characteristic

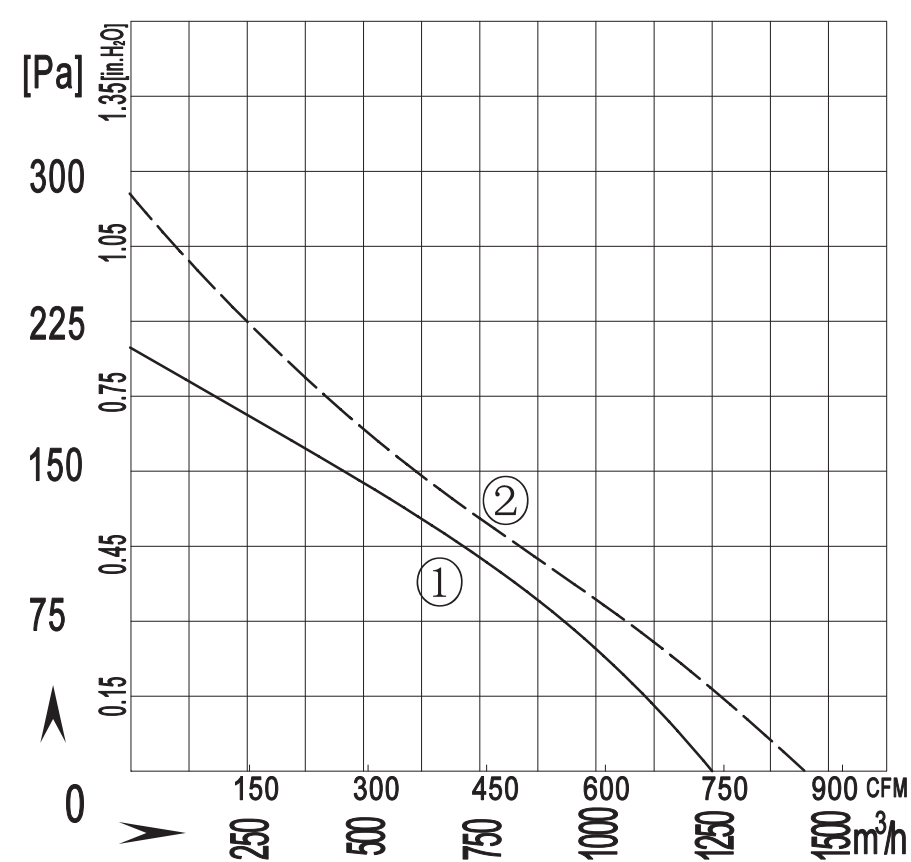
- Impeller material : Galvanised sheet steel
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 44
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

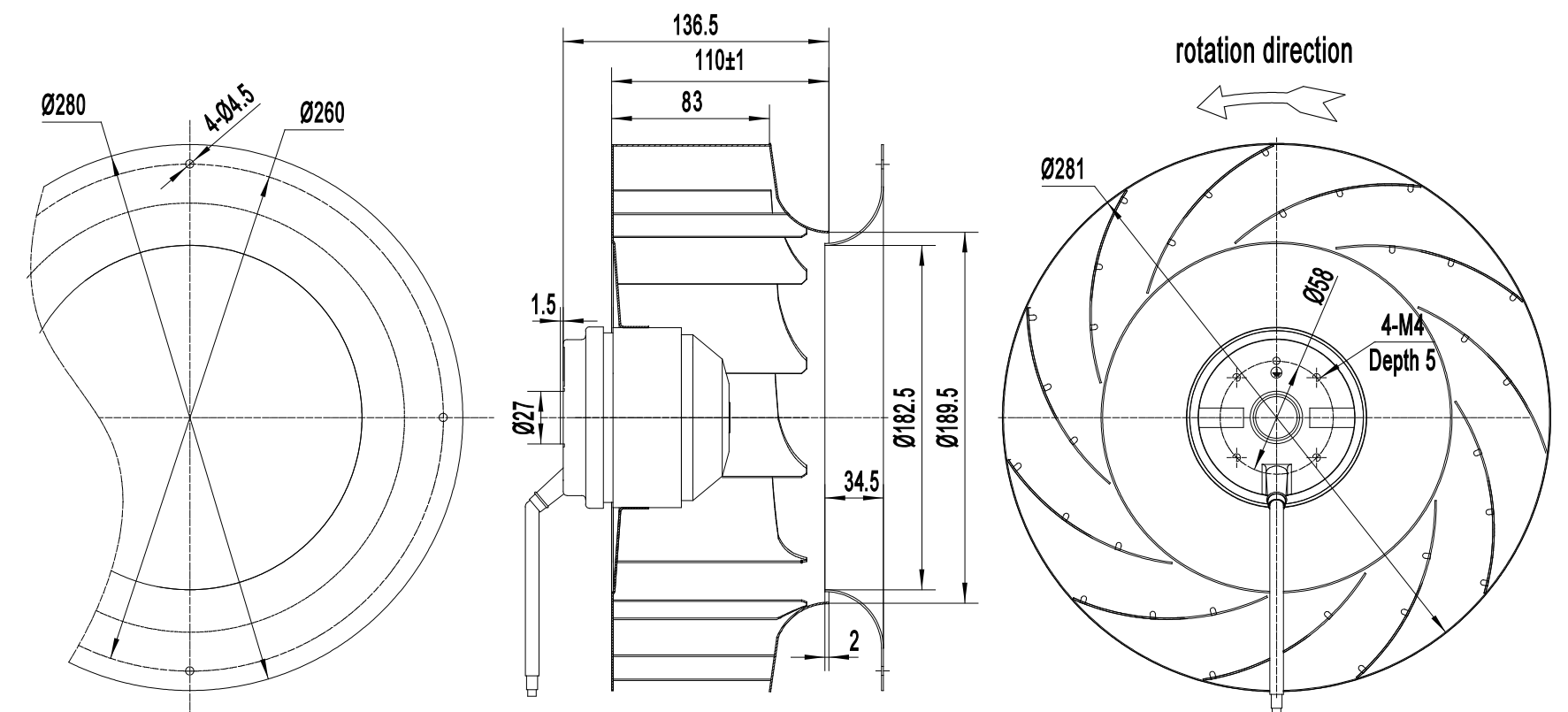
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E280-092NS-03	230	50	80	0.38	1350	1230	210	63	3	①
LWBA4E280-092NS-04	230	60	100	0.45	1500	1400	280	66	3	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ280



LWBA-280 Series

Product Characteristic

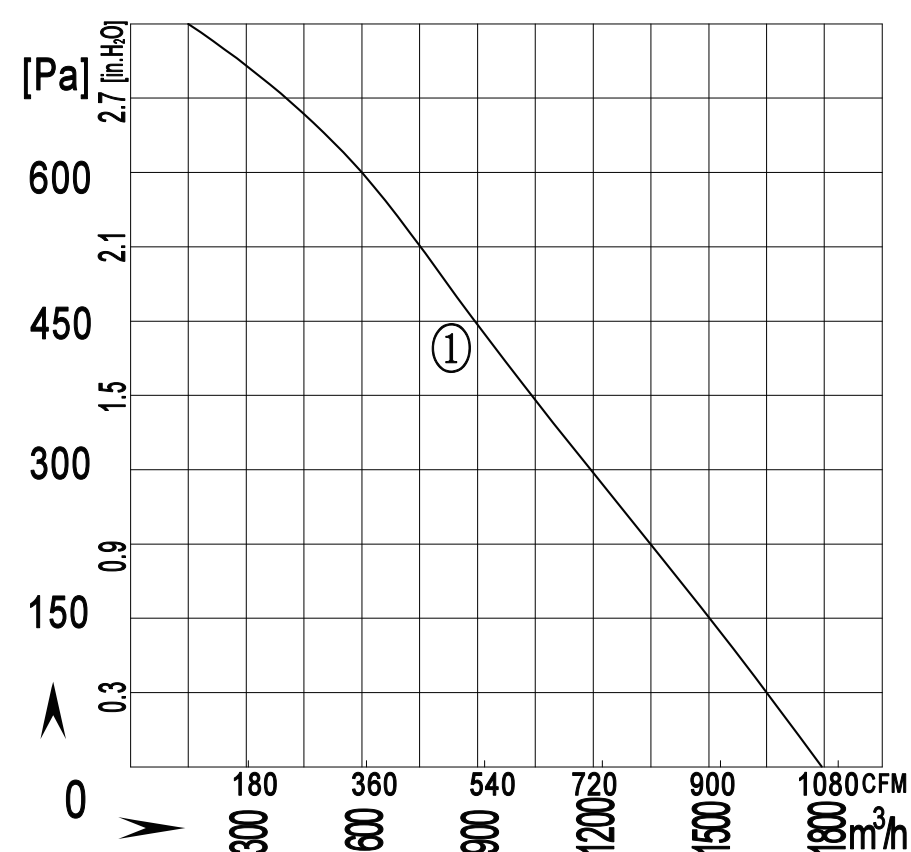
- Impeller material : Galvanised sheet steel
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

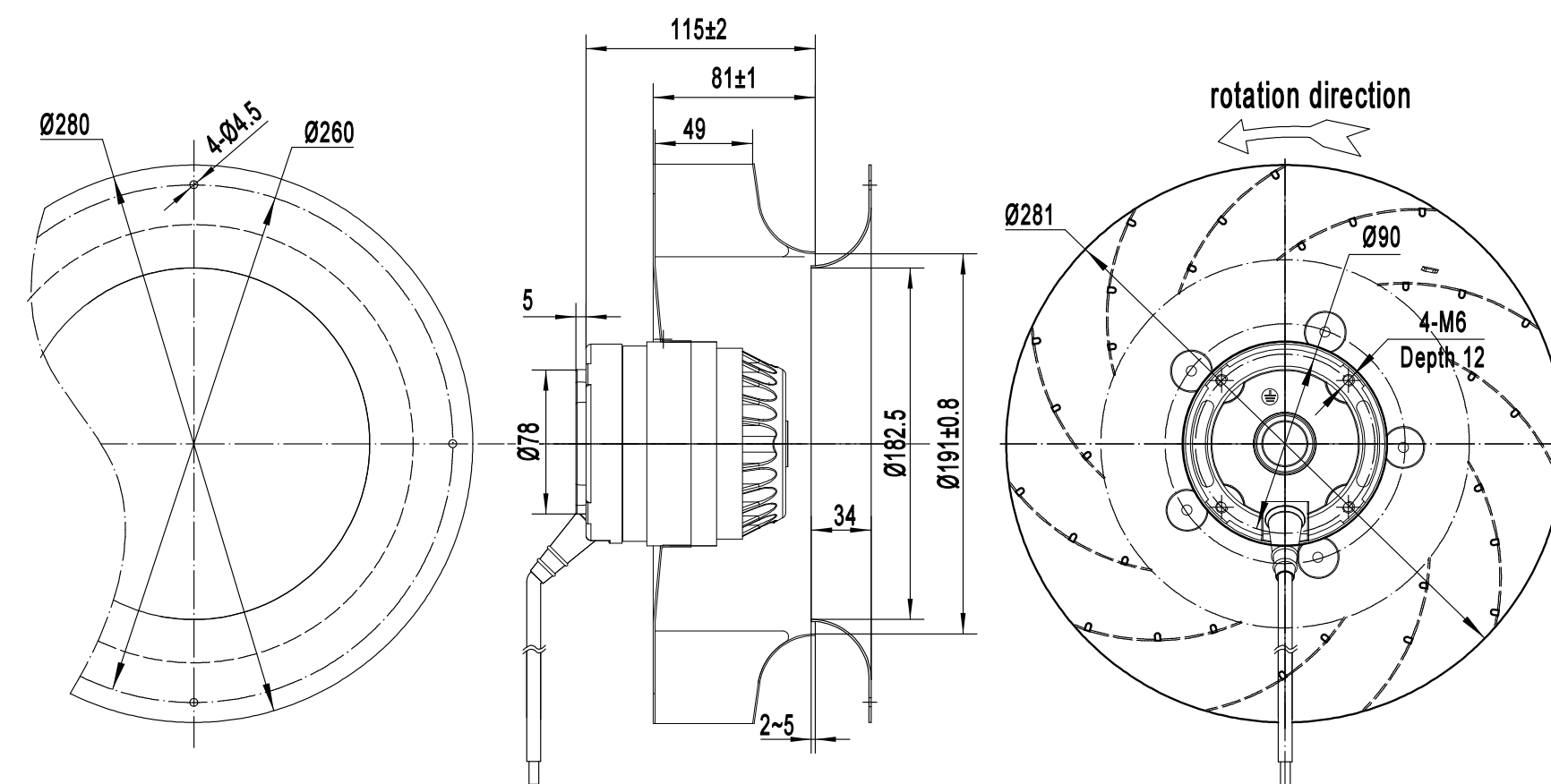
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E280-102NS-05	230	50	250	1.20	2650	1780	750	80	7	①
LWBA2D280-102NT-06	380	50	250	0.70	2650	1780	750	80	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ280



LWBA-280 Series

Product Characteristic

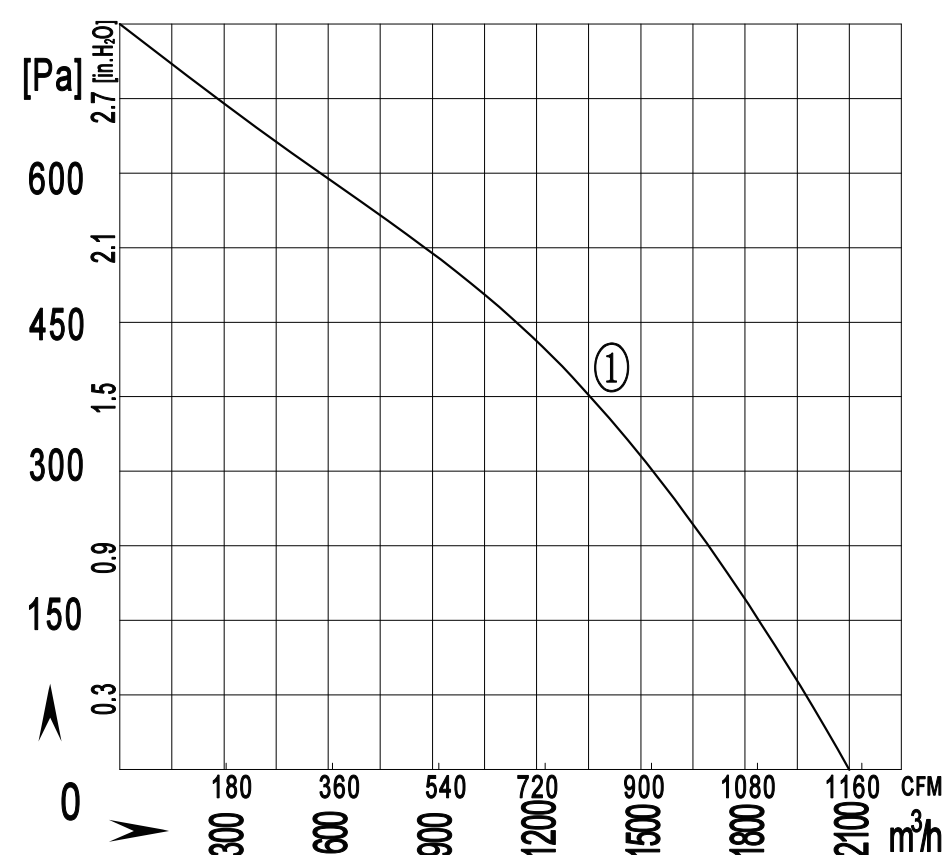
- Impeller material : Galvanised sheet steel
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

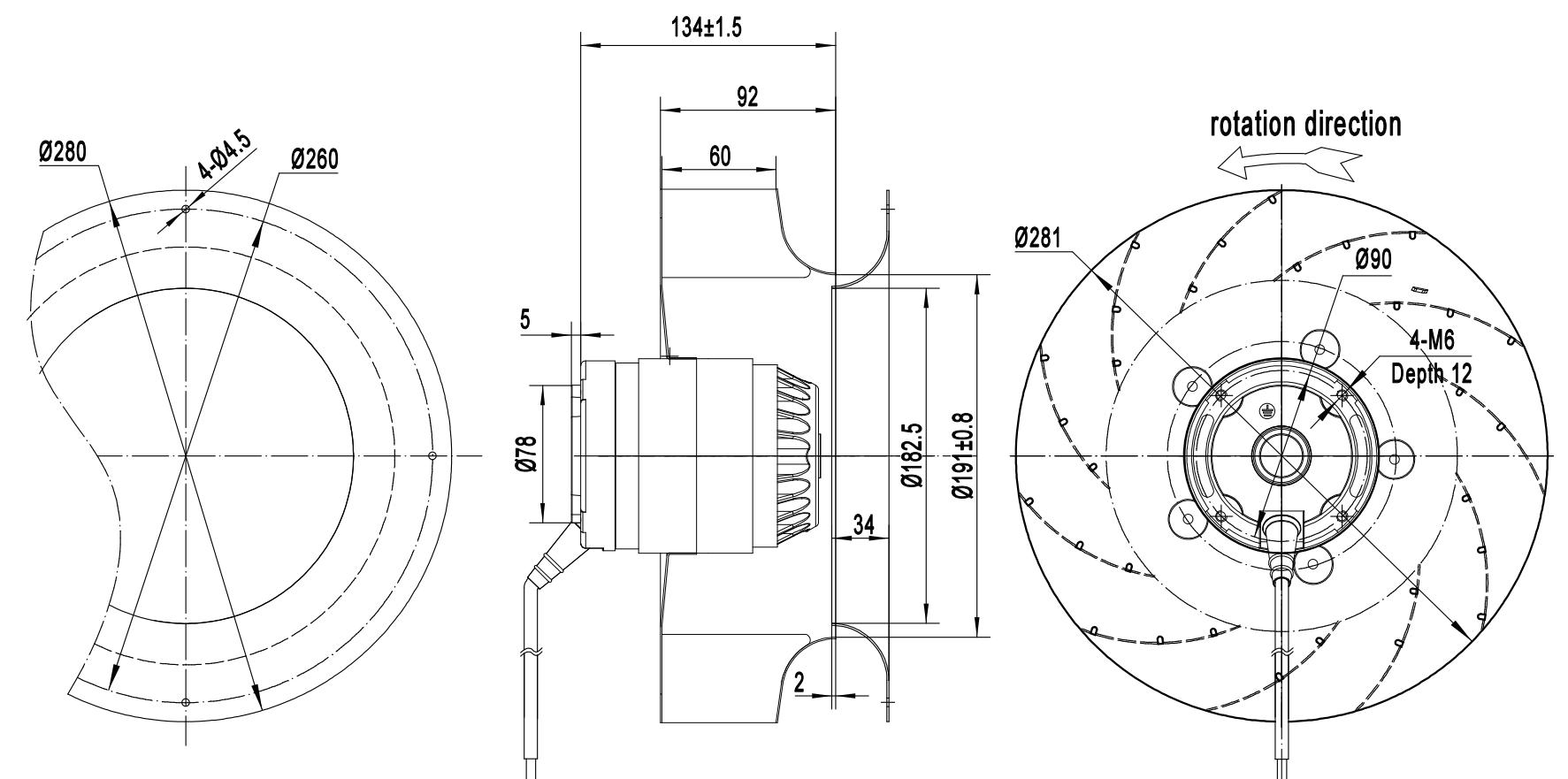
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2E280-102NS-07	230	50	330	1.50	2700	2100	750	80	10	①
LWBA2D280-102NT-08	380	50	330	0.70	2700	2100	750	80	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ280



LWBA-280 Series

Product Characteristic

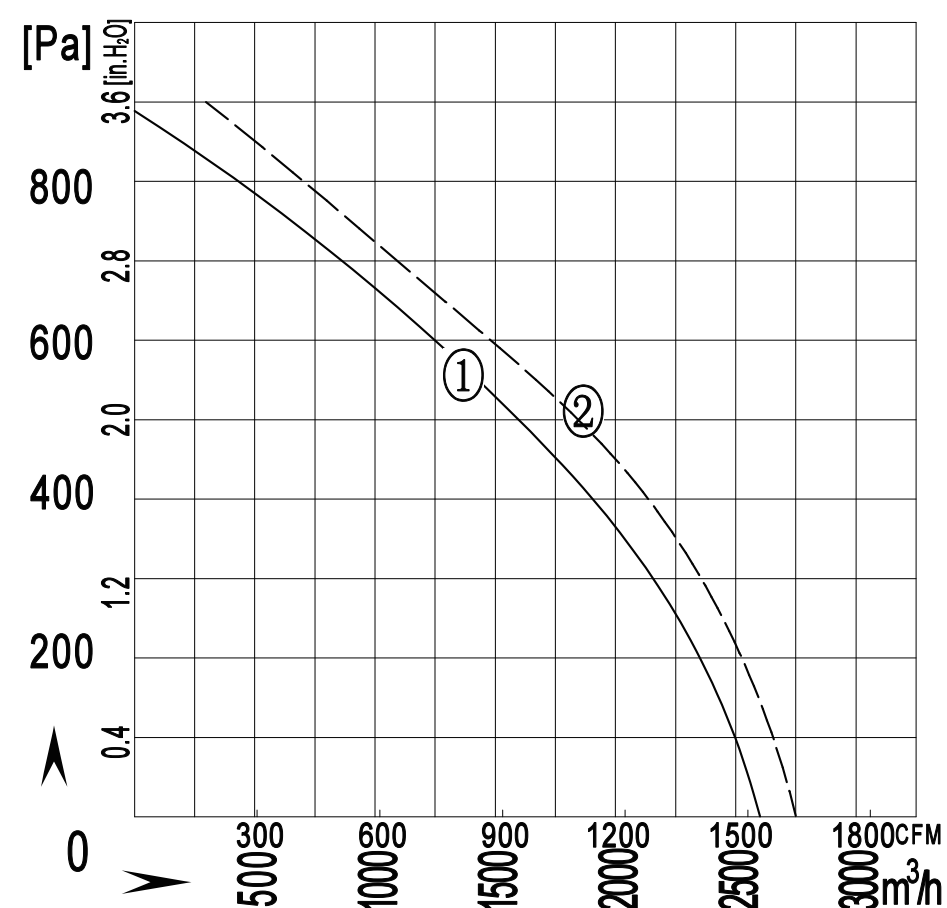
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

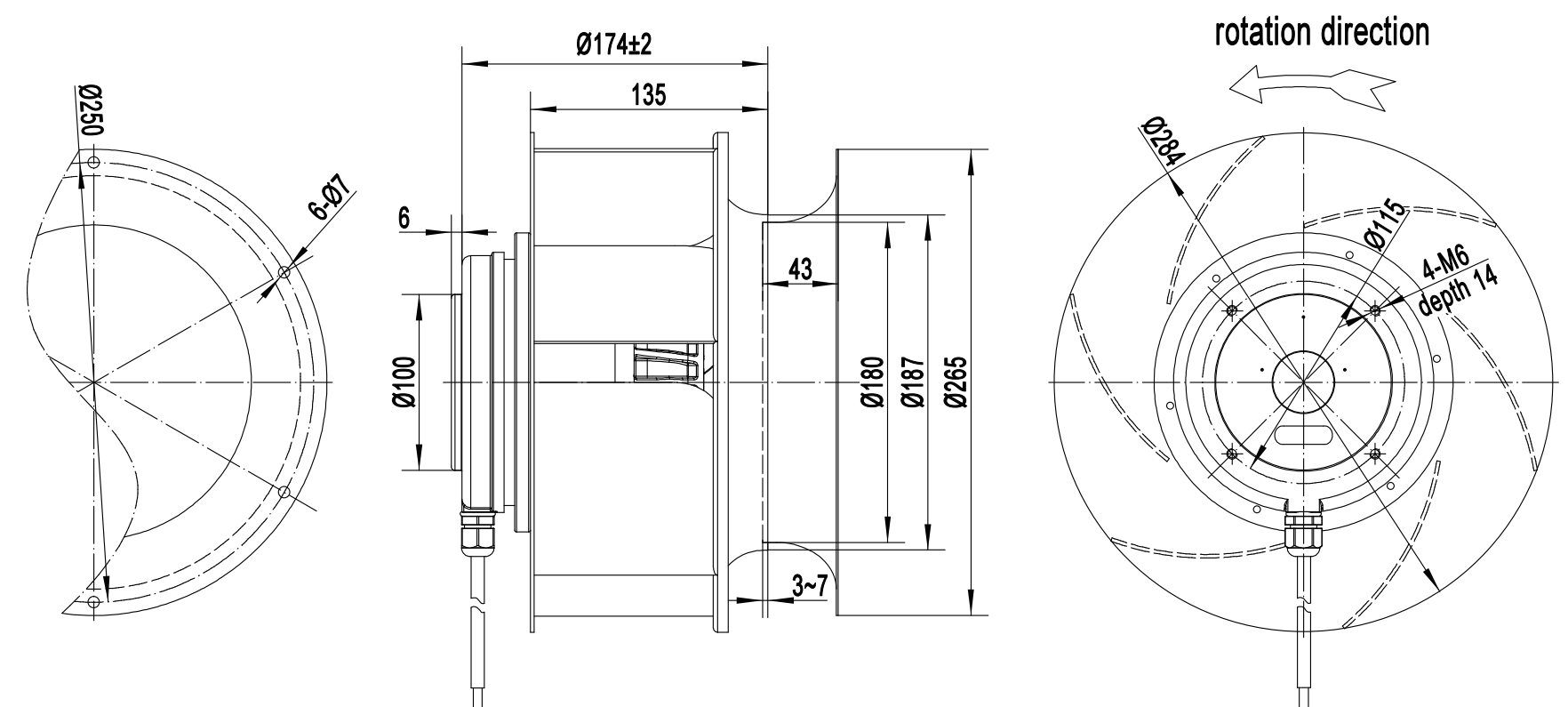
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2D280-138NT-09	380	50	500	0.95	2750	2600	890	78	/	①
LWBA2D280-138NT-10	400	60	680	1.60	2900	2700	900	80	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ280



LWBA-315 Series

Product Characteristic

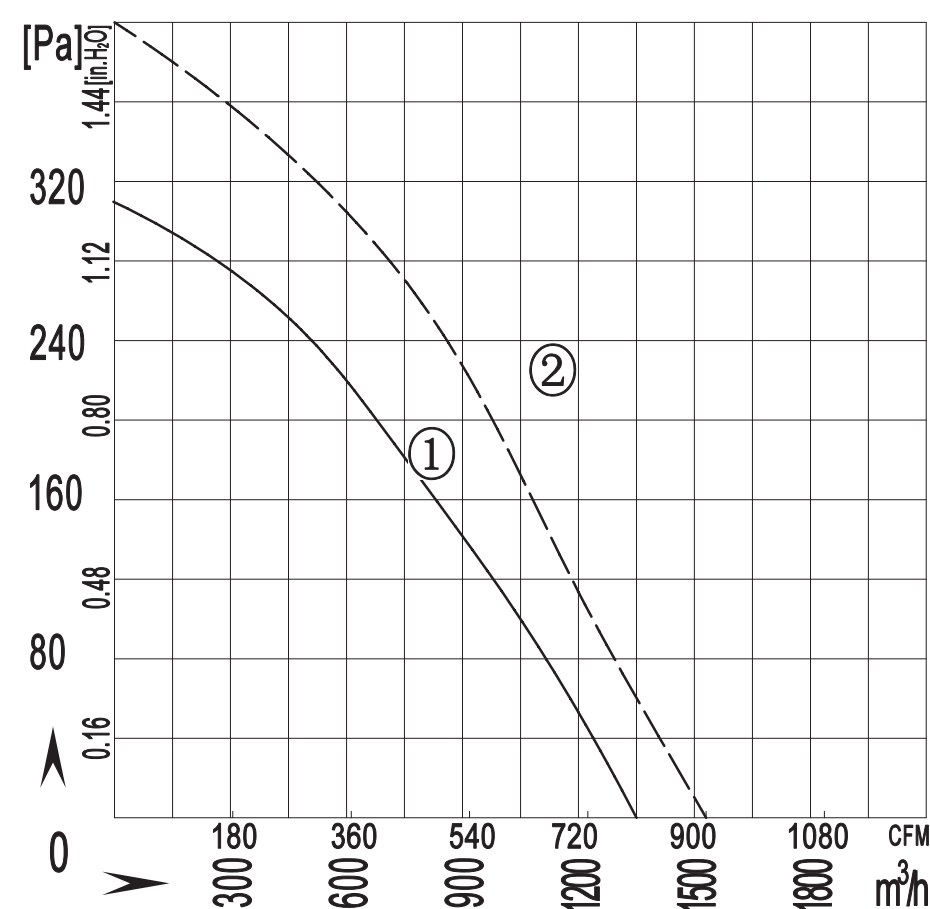
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

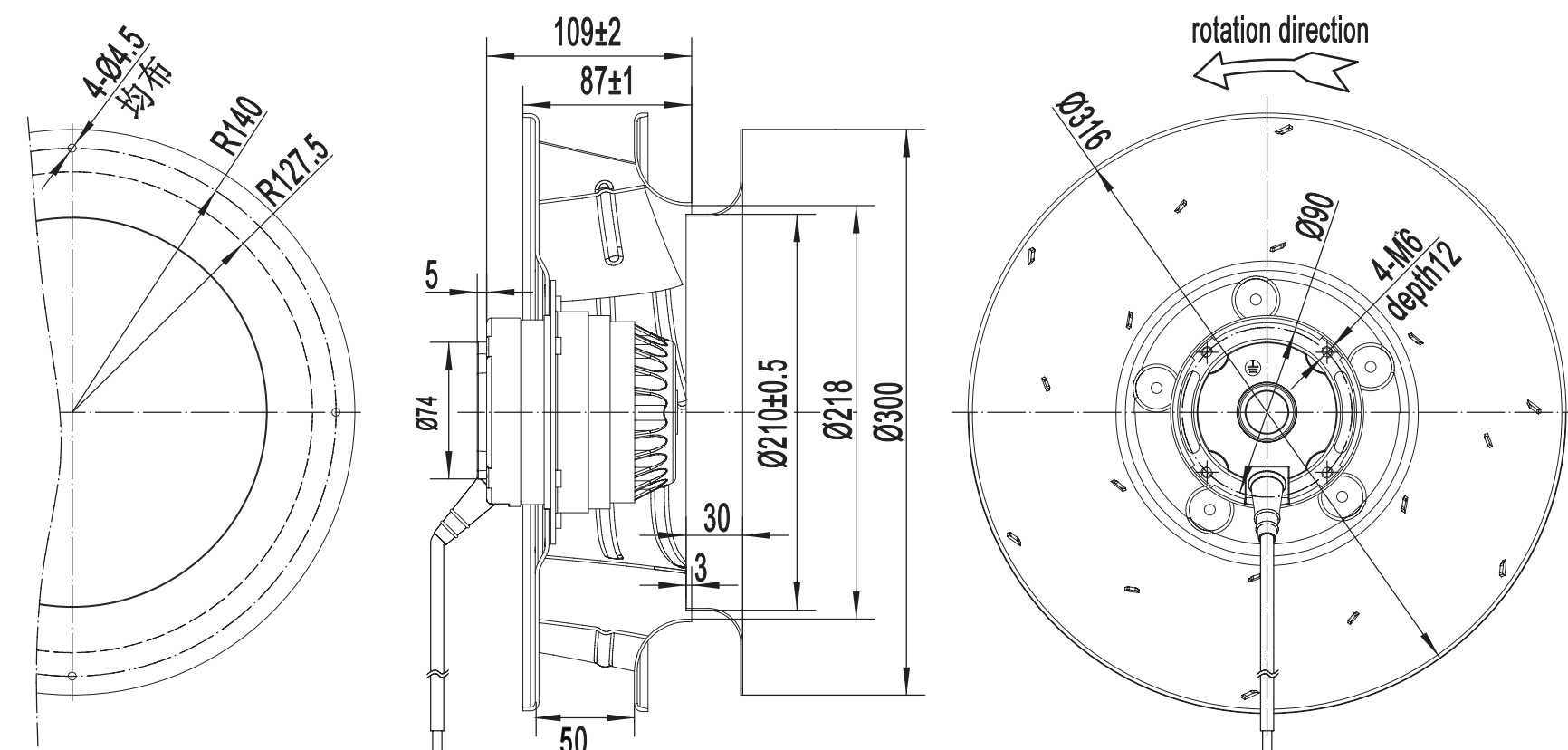
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E315-102NS-01	230	50	95	0.50	1400	1350	300	56	3	①
LWBA4E315-102NS-02	230	60	115	0.60	1600	1500	400	58	3	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ315



LWBA-315 Series

Product Characteristic

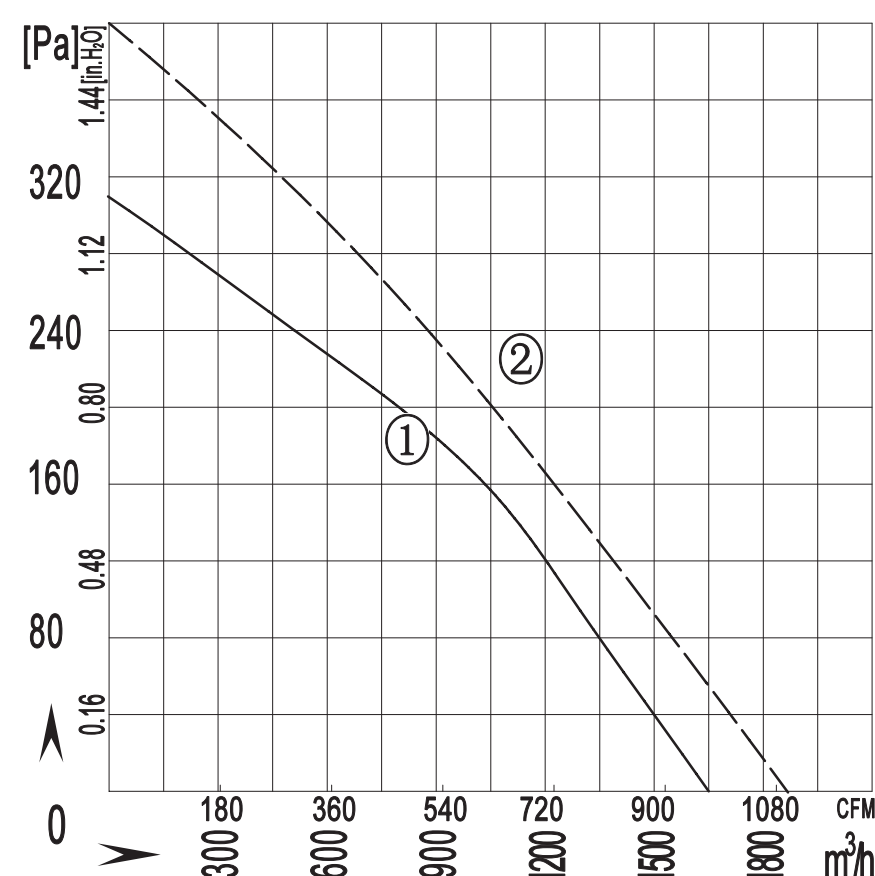
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

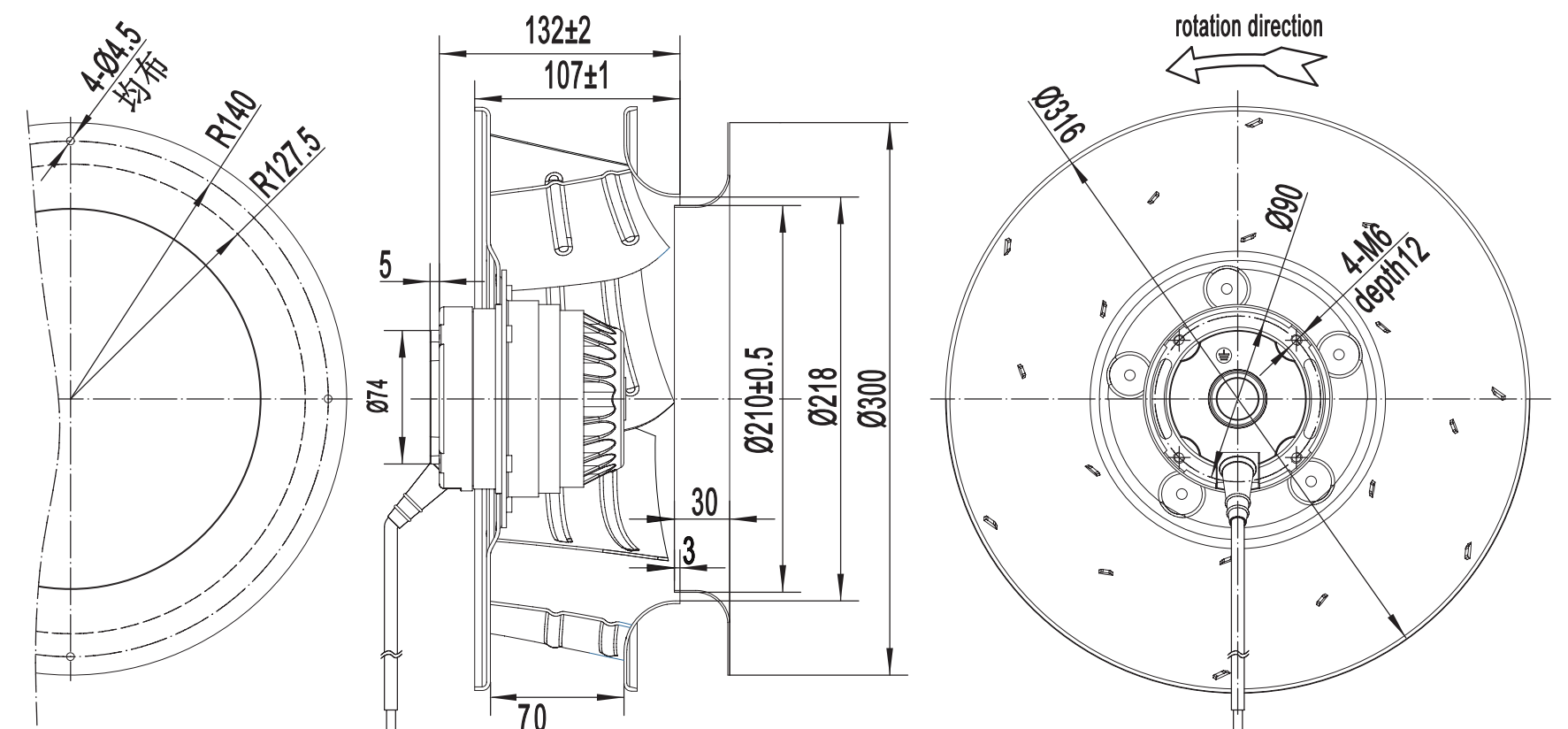
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E315-102NS-03	230	50	105	0.55	1400	1650	300	60	3	①
LWBA4E315-102NS-04	230	60	135	0.65	1600	1900	400	62	3	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ315



LWBA-315 Series

Product Characteristic

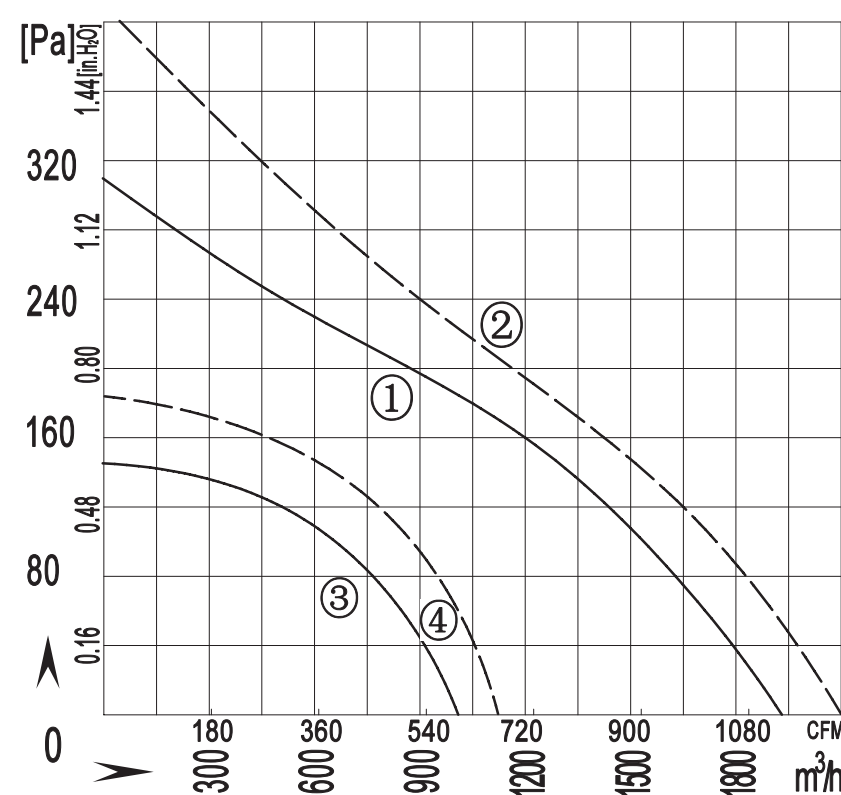
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

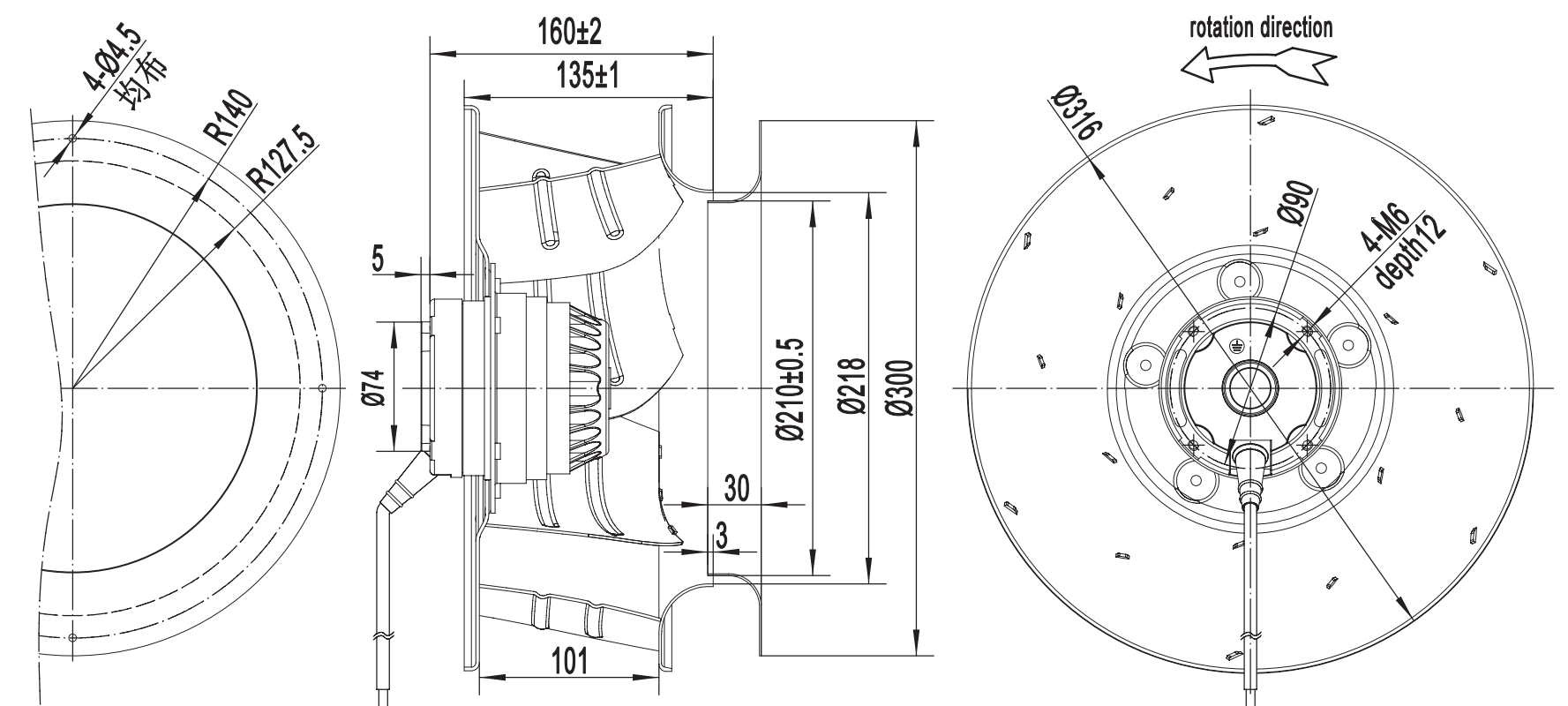
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E315-102NS-05	230	50	135	0.60	1400	1900	300	63	3	①
LWBA4E315-102NS-06	230	60	180	0.80	1580	2000	400	65	3	②
LWBA6E315-102NS-07	230	50	75	0.38	940	1000	150	58	3	③
LWBA6E315-102NS-08	230	60	85	0.42	1050	1100	180	60	3	④
LWBA4D315-102NT-09	380	50	136	0.35	1400	1900	300	63	/	①
LWBA4D315-102NT-10	380	60	175	0.40	1560	2000	400	65	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ315



LWBA-315 Series

Product Characteristic

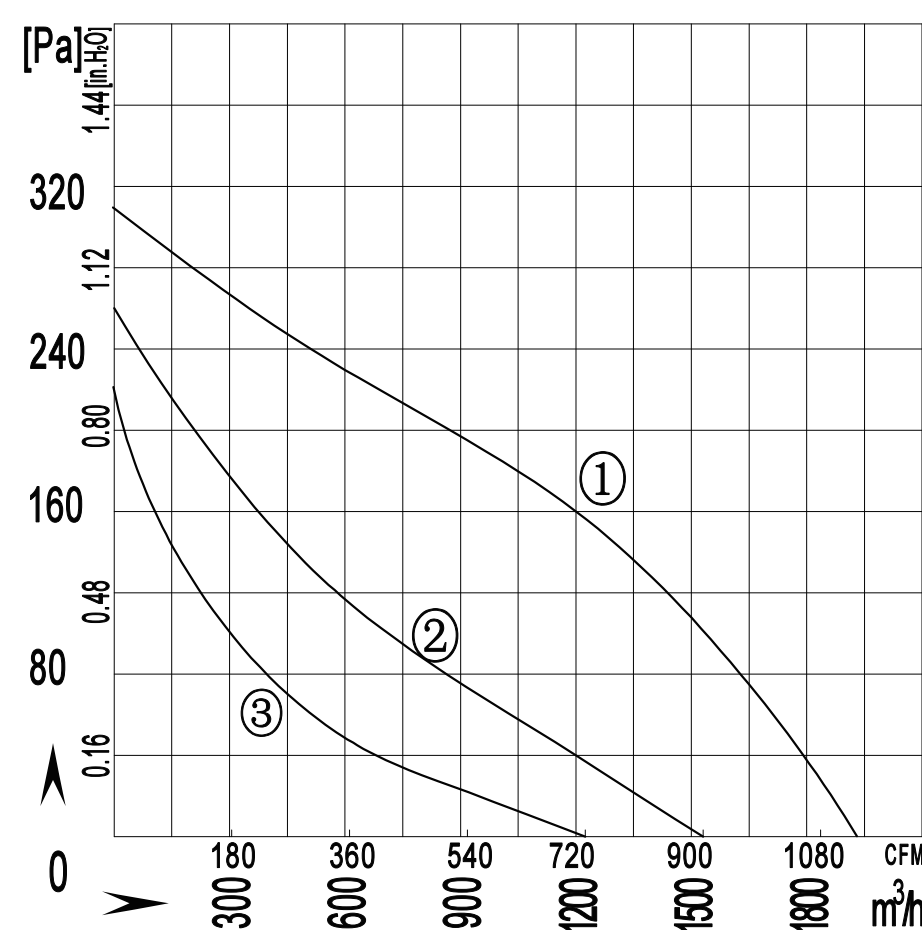
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

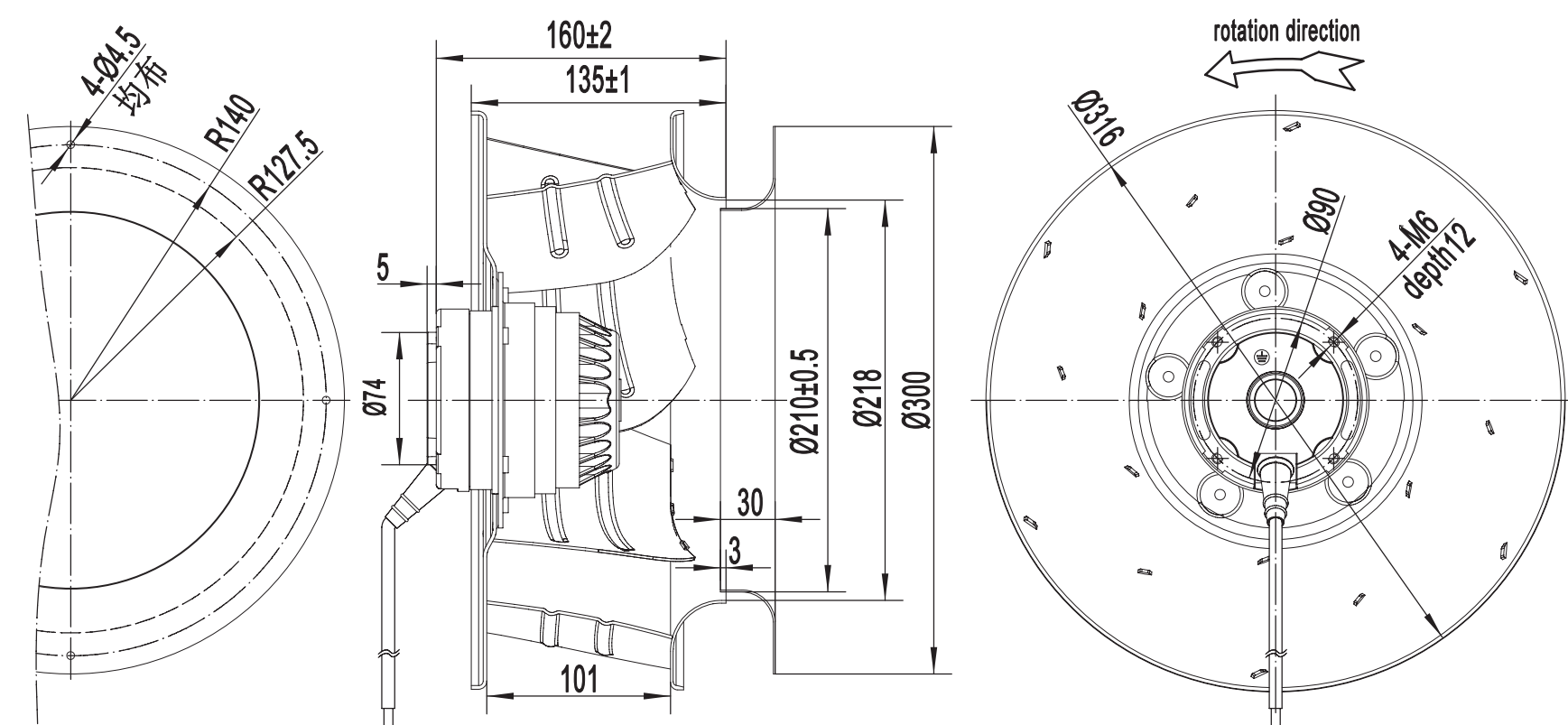
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E315-102NS-11	230	50	115	0.60	1350	1850	310	63	4	①
	230	50	85	0.40	1100	1550	260	57	4	②
	230	50	65	0.30	850	1250	220	51	4	③

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ315



LWBA-315 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C

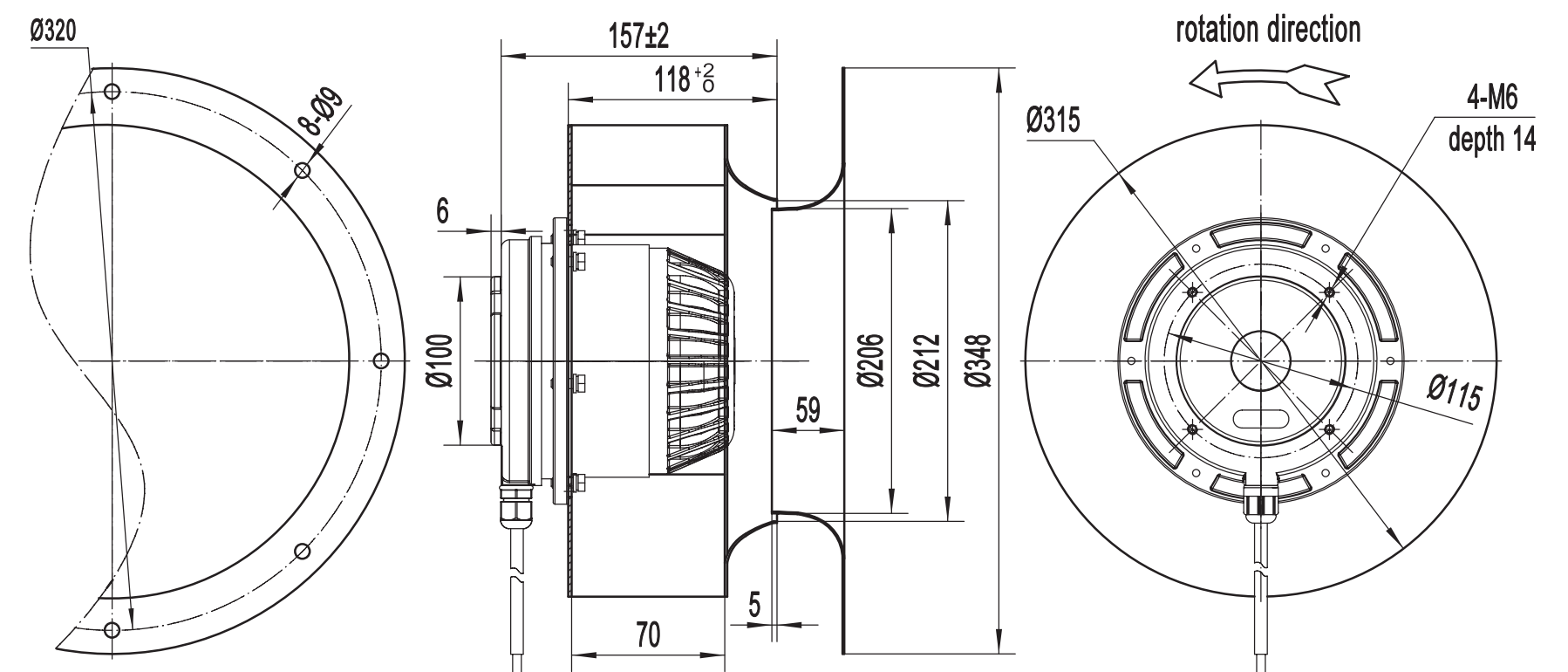


Technical Specifications

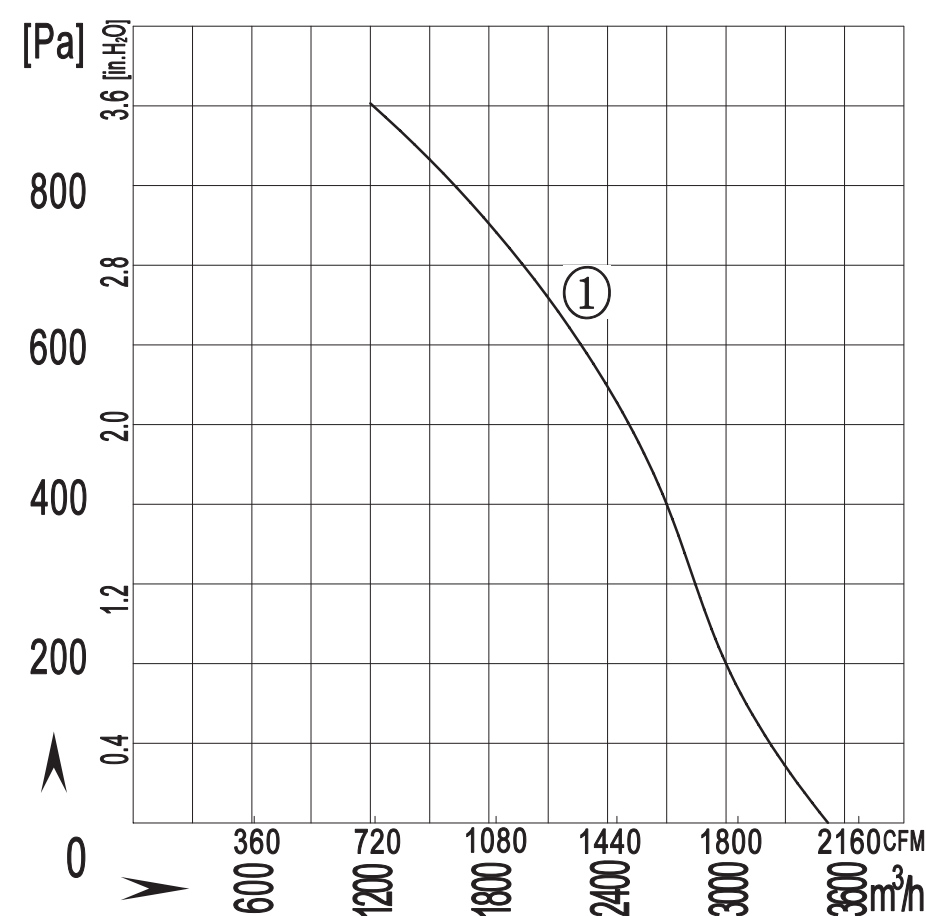
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2D315-138NT-12	380	50	800	1.50	2750	3300	900	84	/	①

Product Drawing

AC Backward curved Centrifugal Fan Ø315



Flow Rate Curve



LWBA-315 Series

Product Characteristic

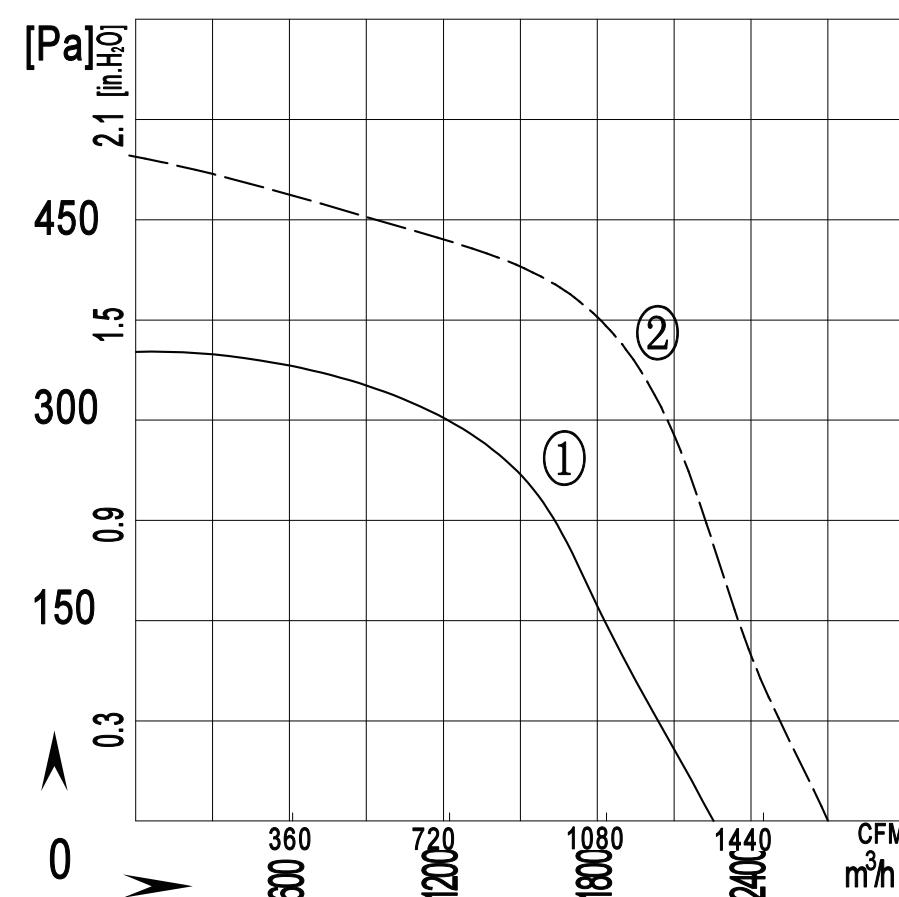
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

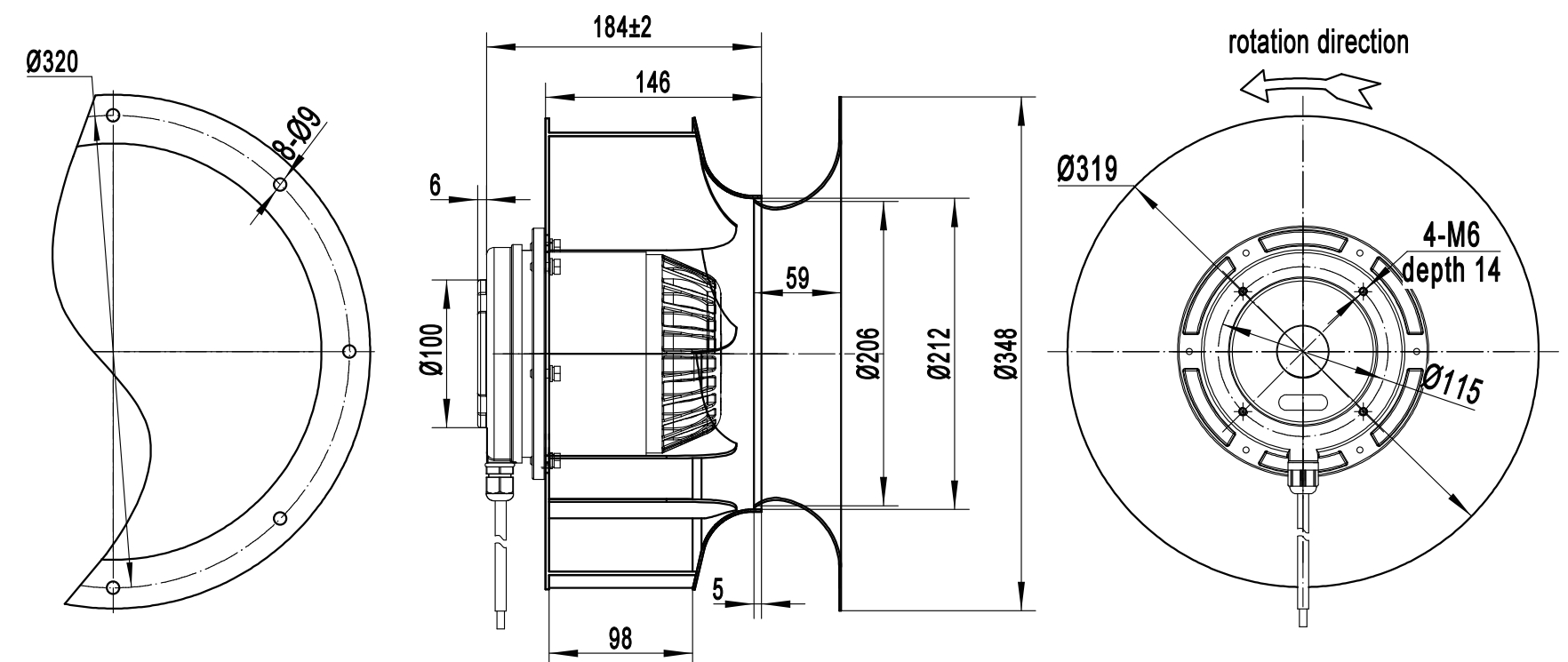
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E315-138NS-13	230	50	220	1.20	1450	2250	360	64	10	①
LWBA4E315-138NS-14	230	60	300	1.50	1650	2500	500	68	10	②
LWBA4D315-138NT-15	380	50	220	0.65	1450	2250	360	64	/	①
LWBA4D315-138NT-16	380	60	300	0.70	1650	2500	500	68	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ315



LWBA-315 Series

Product Characteristic

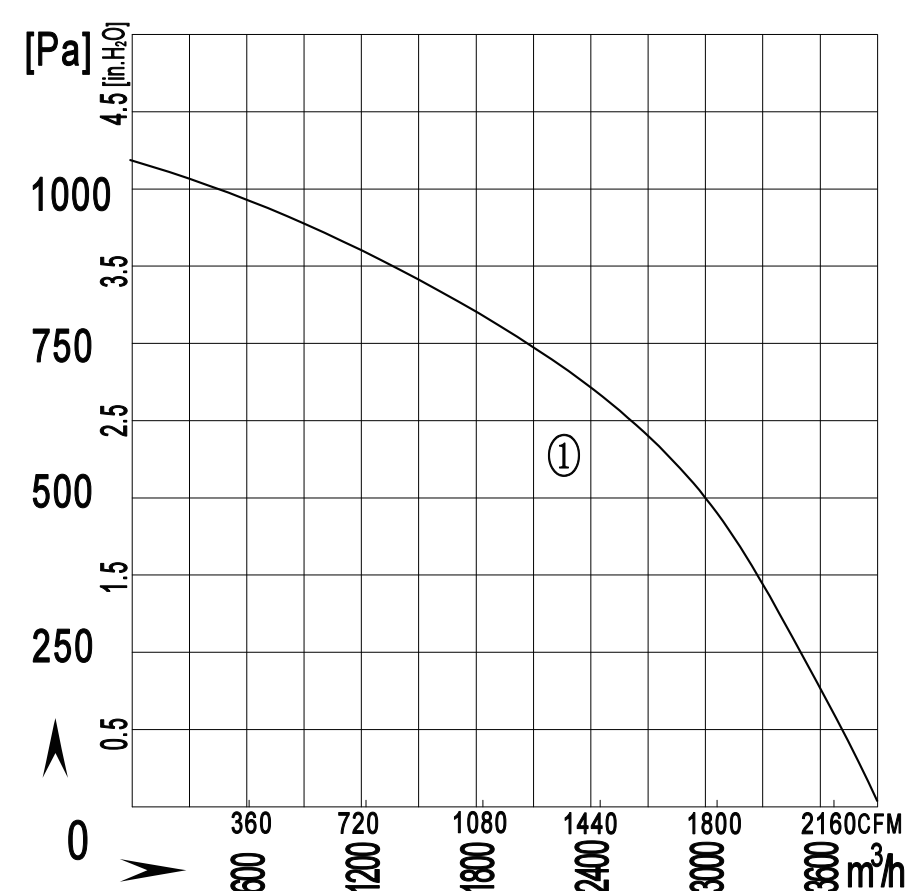
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

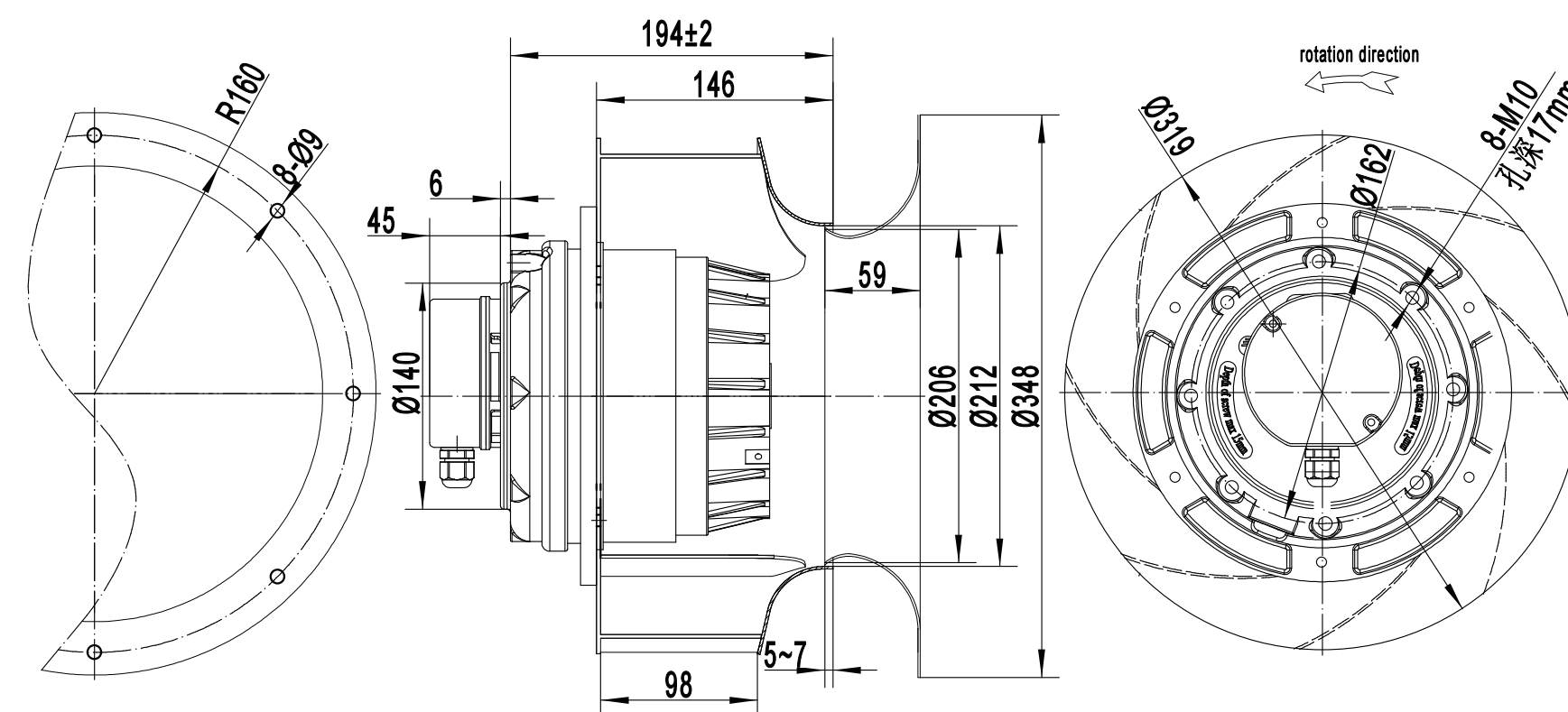
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2D315-188NT-17	380	50	1300	2.00	2650	4000	1050	85	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ315



LWBA-315 Series

Product Characteristic

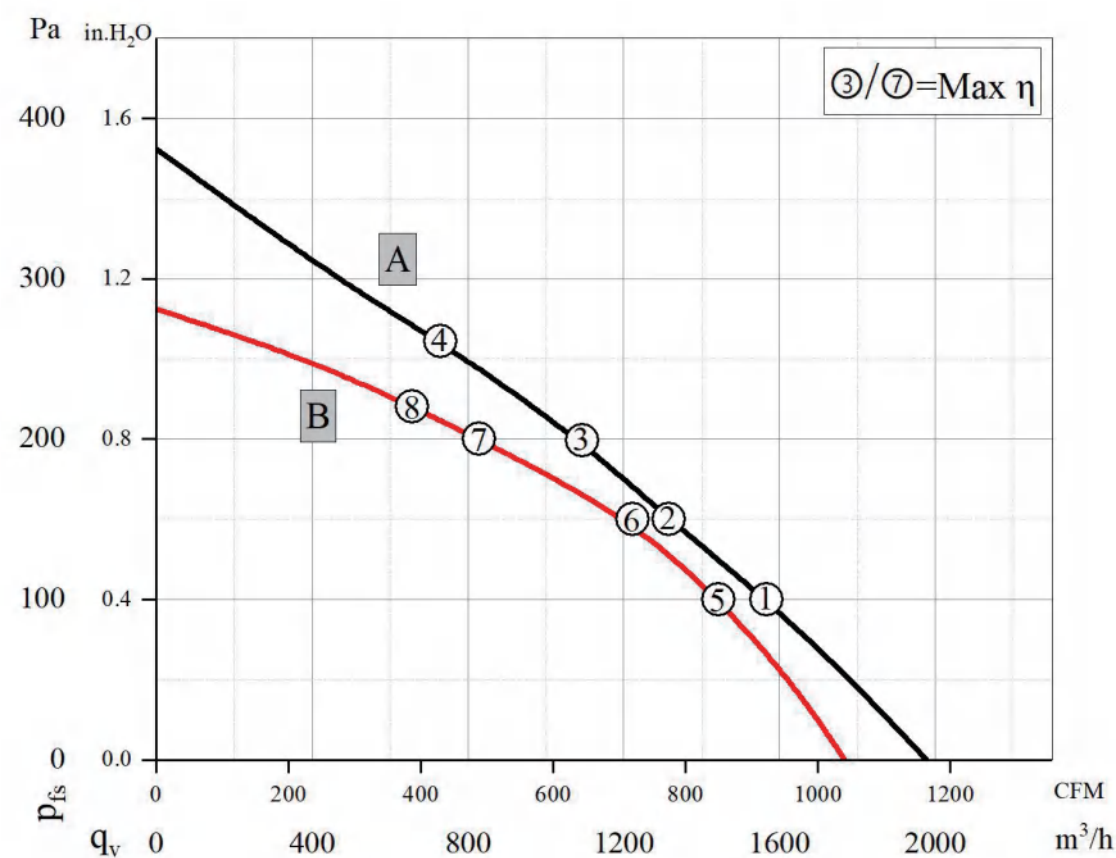
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 °C



Technical Specifications

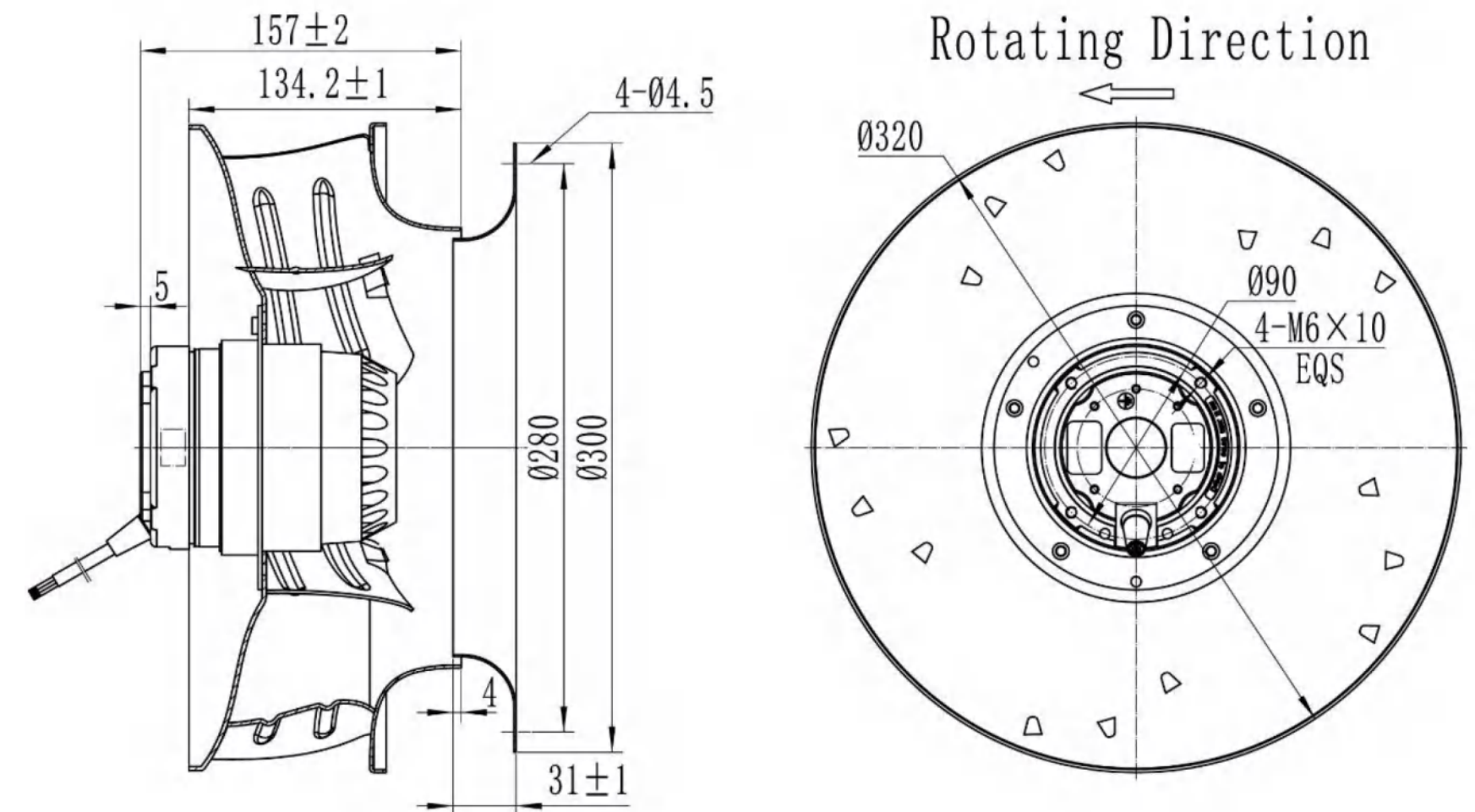
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E315-102NS-18	230	60	153	0.66	1550	1980	380	69.6	4	A
LWBA4E315-102NS-19	230	50	116	0.53	1390	1770	280	67.4	4	B

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ315



LWBA-355 Series

Product Characteristic

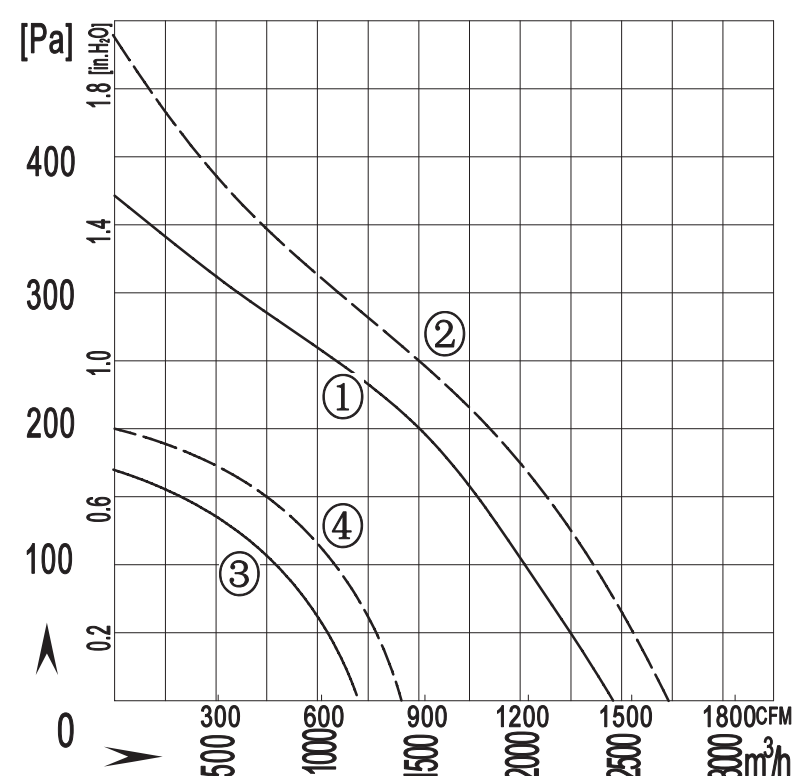
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

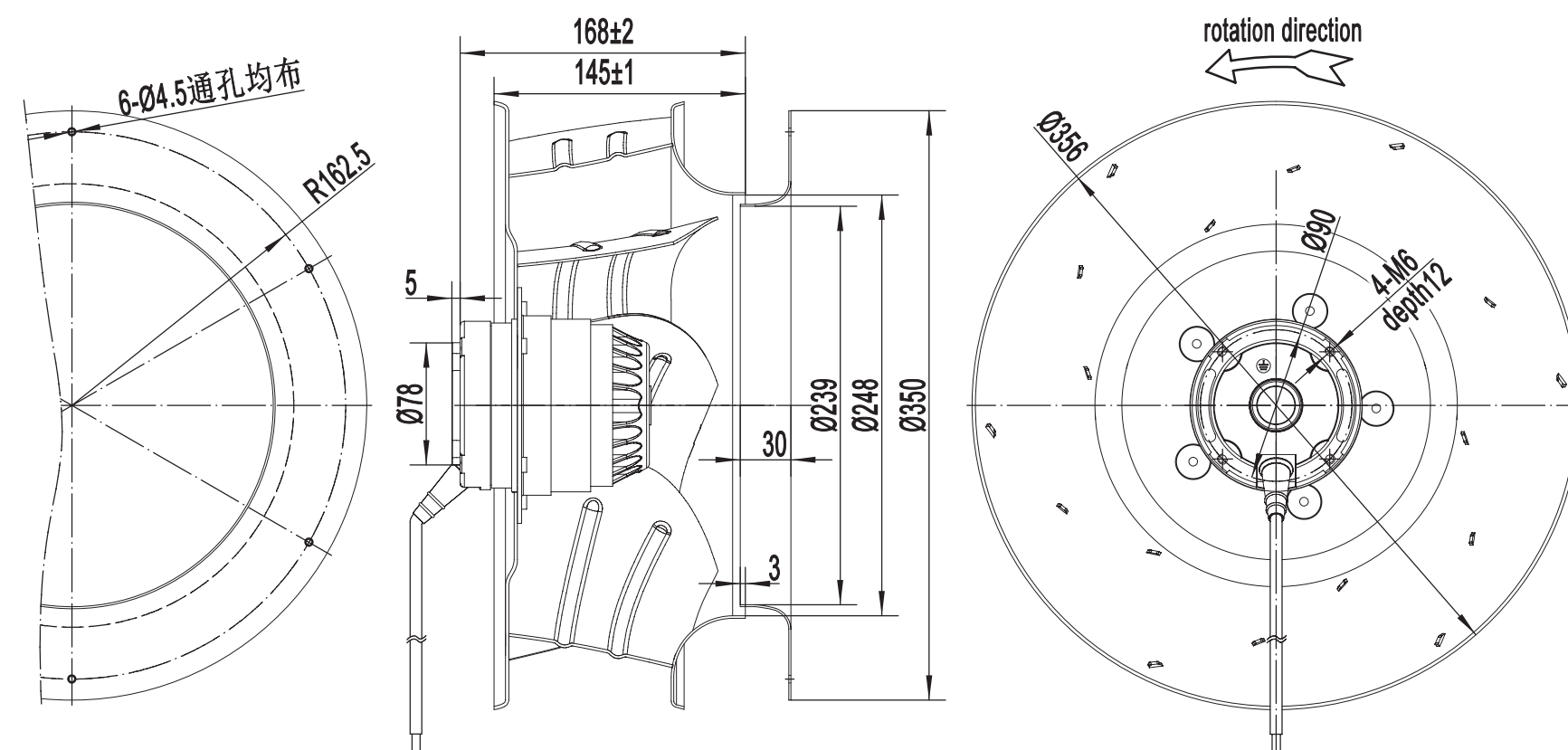
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E355-102NS-01	230	50	165	0.75	1400	2450	370	63	6	①
LWBA4E355-102NS-02	230	60	245	1.20	1460	2580	500	65	6	②
LWBA6E355-102NS-03	230	50	100	0.46	930	1220	170	60	4	③
LWBA6E355-102NS-04	230	60	130	0.50	1080	1320	200	61	4	④
LWBA4D355-102NT-05	380	50	170	0.46	1400	2450	370	63	/	①
LWBA4D355-102NT-06	380	60	250	0.48	1500	2580	500	65	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ355



LWBA-355 Series

Product Characteristic

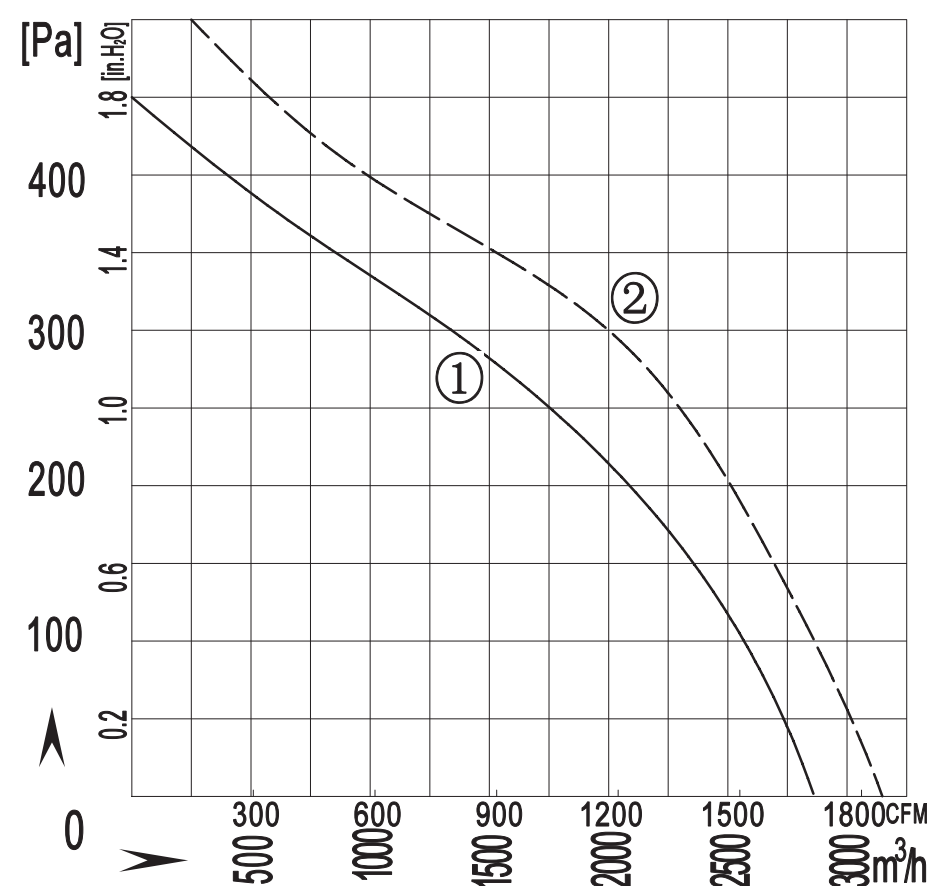
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

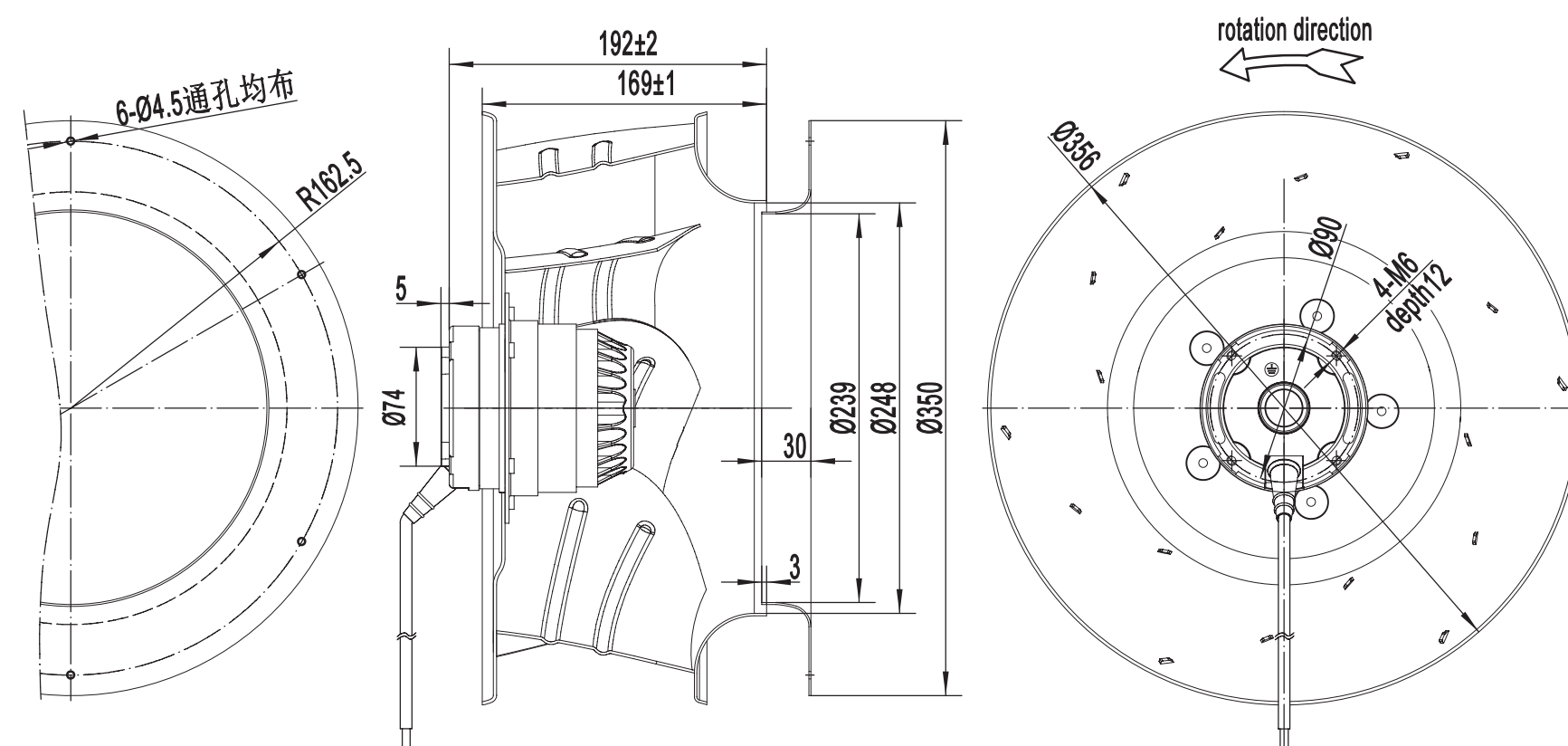
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E355-102NS-07	230	50	210	1.00	1350	2800	450	65	7	①
LWBA4E355-102NS-08	230	60	280	1.35	1550	3100	500	67	6	②
LWBA4D355-102NT-09	380	50	200	0.53	1380	2800	450	65	/	①
LWBA4D355-102NT-10	380	60	270	0.55	1600	3100	500	67	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ355



LWBA-355 Series

Product Characteristic

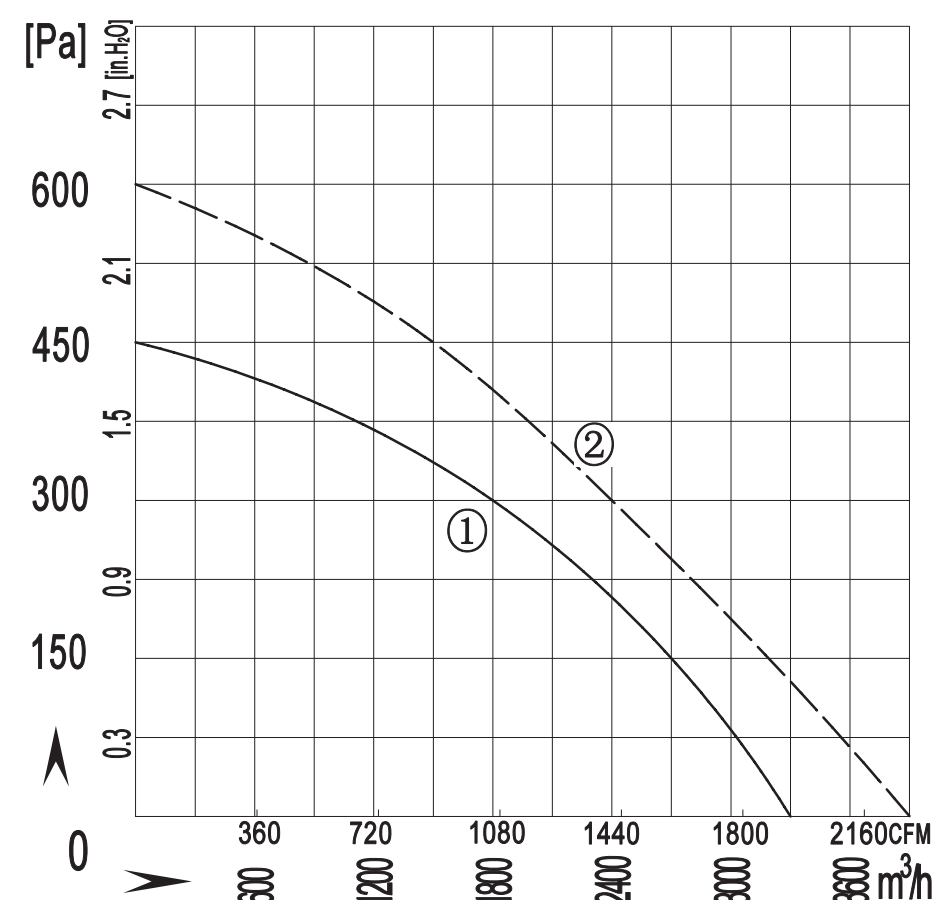
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

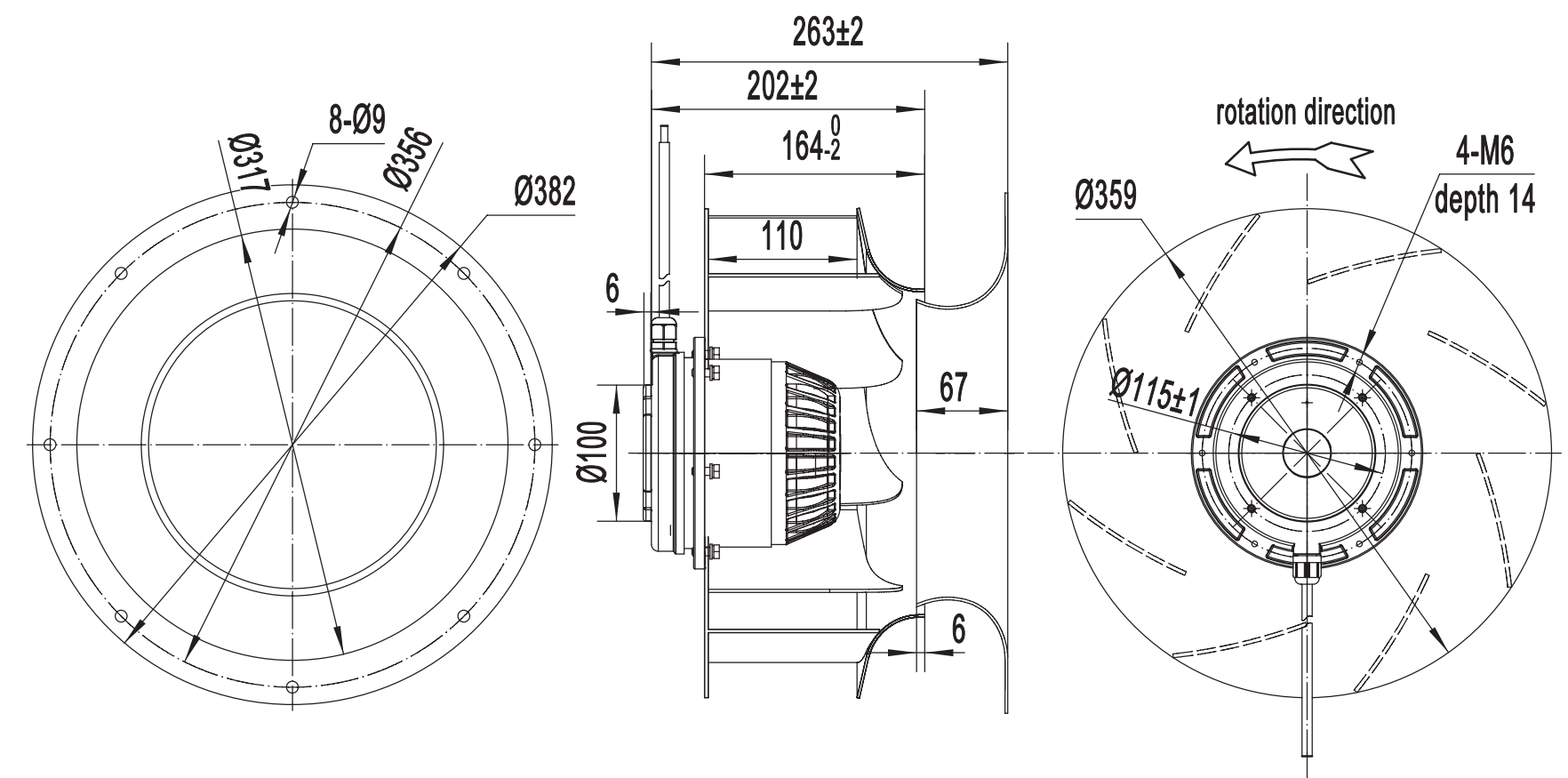
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D355-138NT-11	380	50	360	1.00	1450	3300	450	72	/	①
LWBA4D355-138NT-12	380	60	550	1.10	1700	3900	600	77	/	②
LWBA4E355-138NS-13	230	50	400	2.20	1400	3300	450	72	12	①
LWBA4E355-138NS-14	230	60	600	2.60	1700	3900	600	77	12	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ355



LWBA-355 Series

Product Characteristic

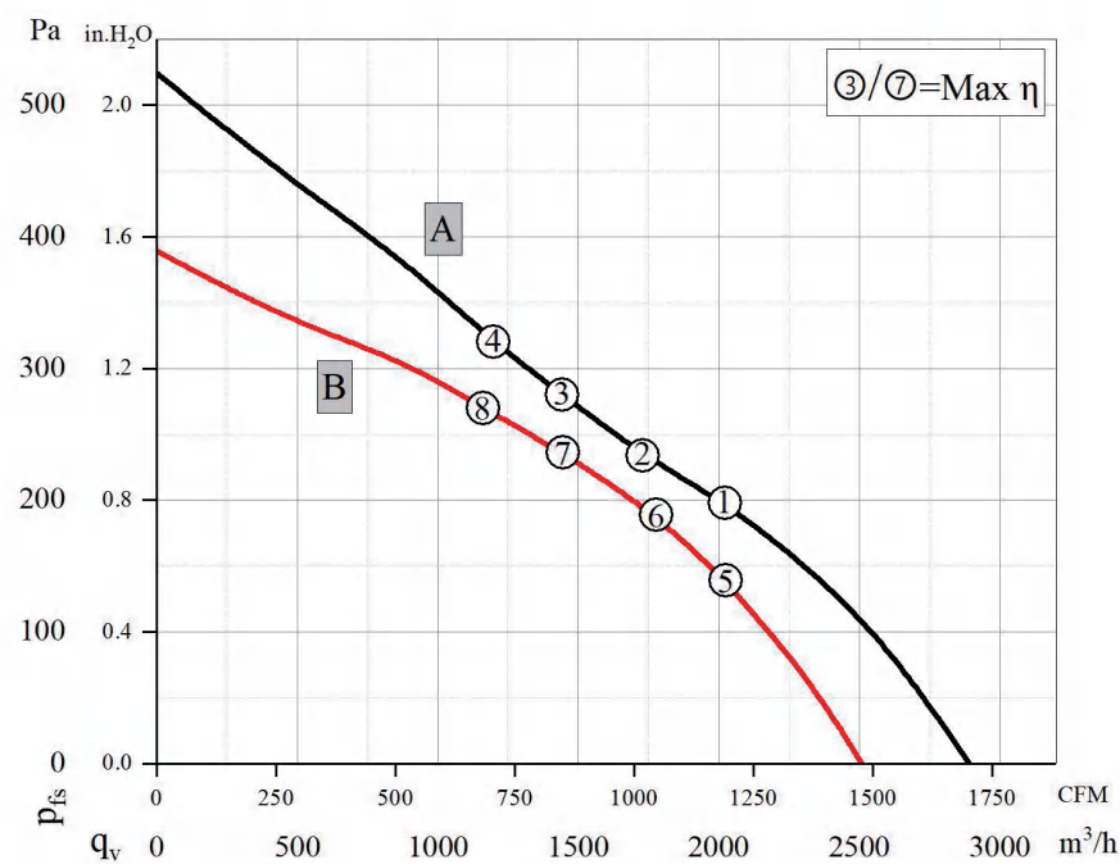
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

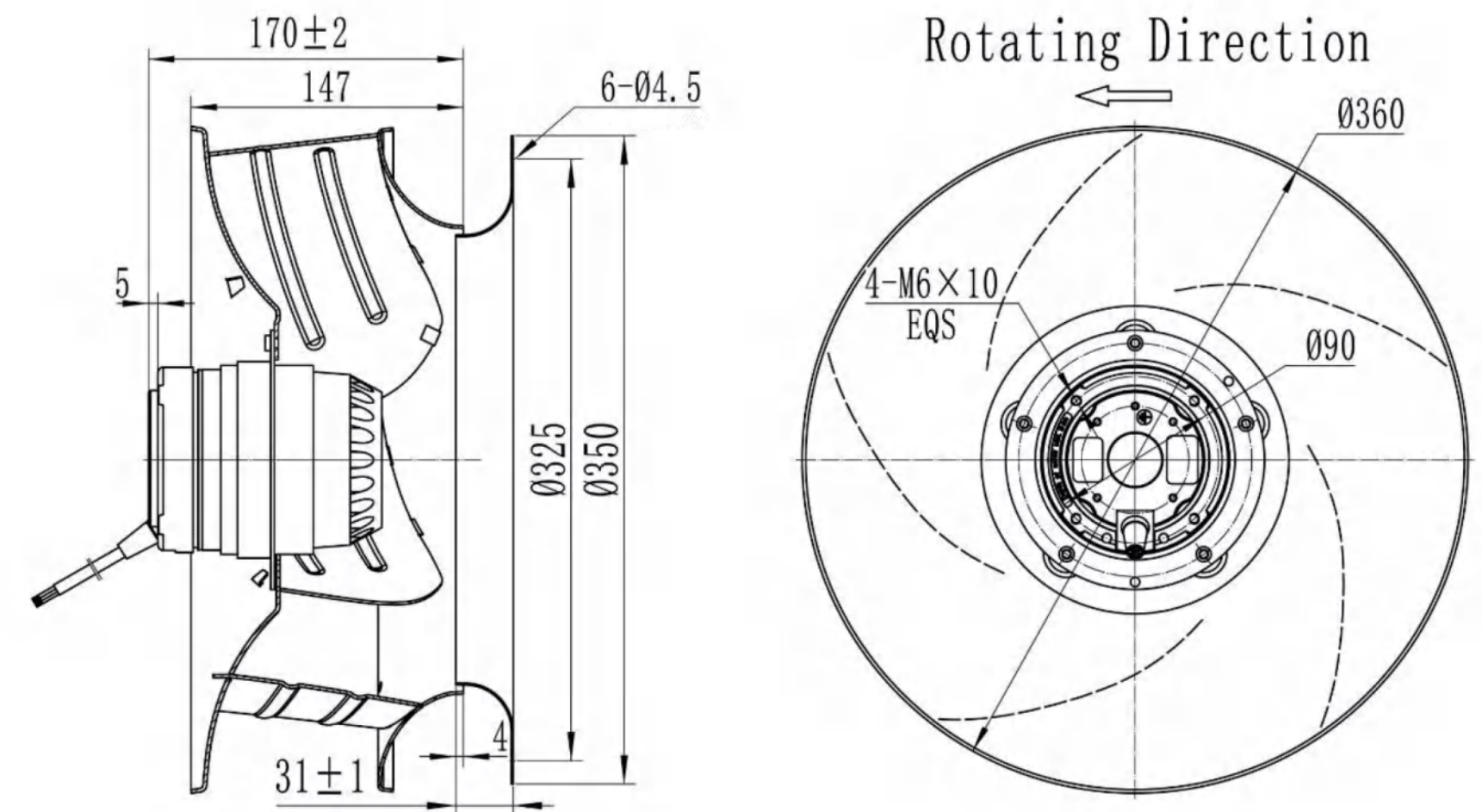
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E355-102NS-15	230	60	268	1.17	1635	2890	520	73.8	7.5	A
LWBA4E355-102NS-16	230	50	203	0.88	1425	2510	390	69.9	7.5	B

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ355



LWBA-355 Series

Product Characteristic

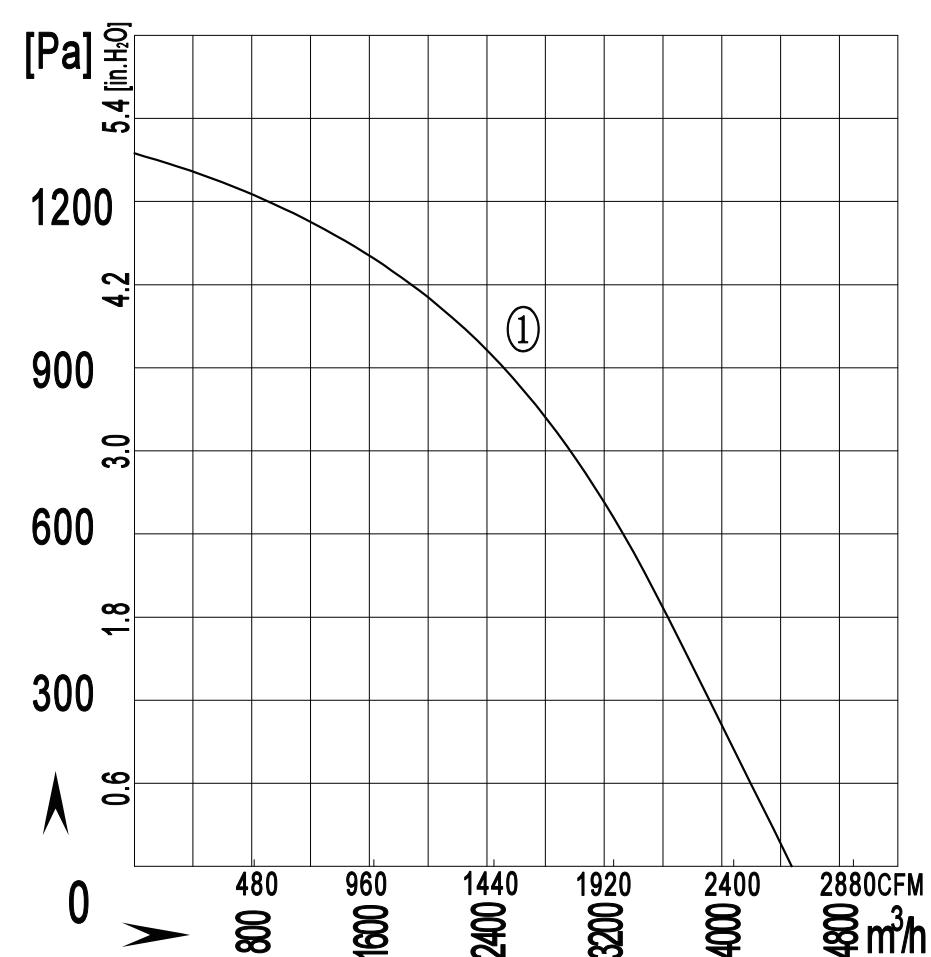
- | | |
|--------------------------|-------------------------|
| ● Impeller material : | Aluminum Alloy |
| ● Direction of rotation: | Clockwise,seen on rotor |
| ● Mode of operation: | S1 |
| ● Type of protection: | IP 54 |
| ● Insulation class: | F |
| ● Bearing: | Ball bearings |
| ● Operation Temperature: | -40~+65℃ |



Technical Specifications

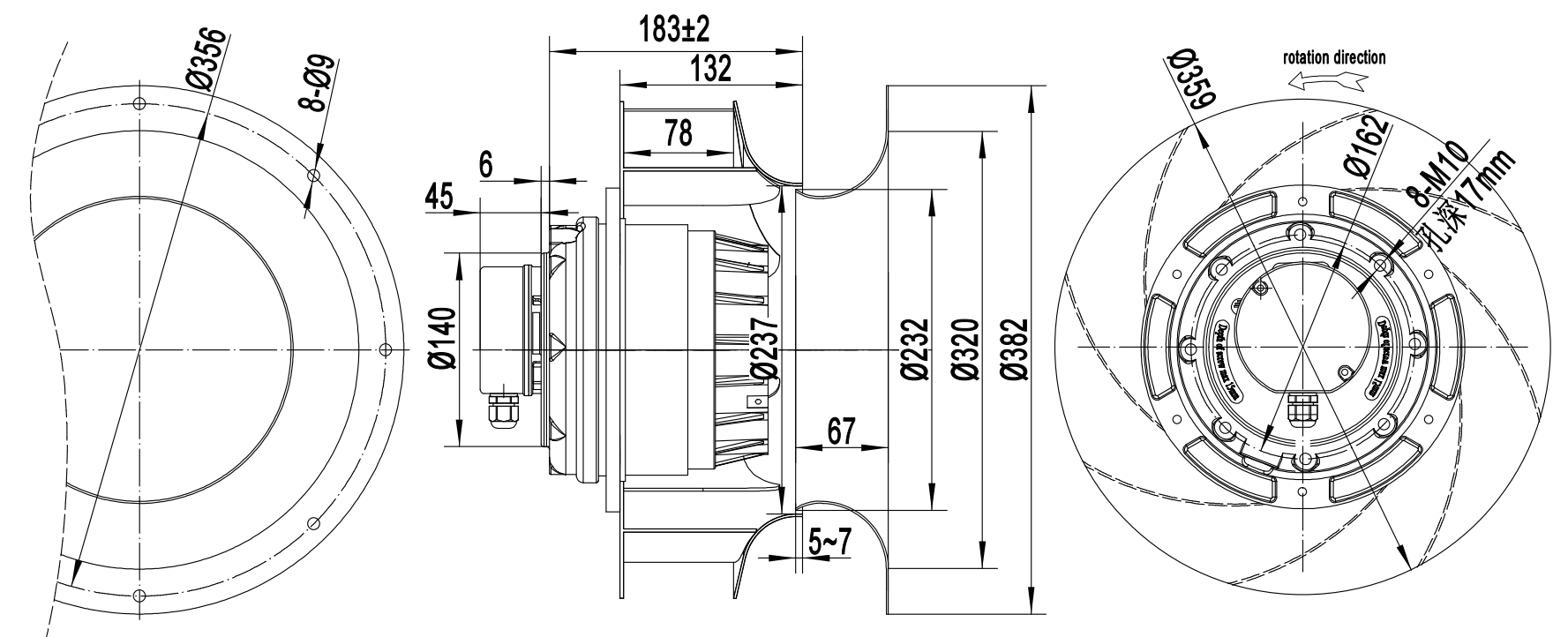
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2D355-188NT-17	380	50	1600	2.60	2700	4500	1300	90	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Ø355



LWBA-355 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C

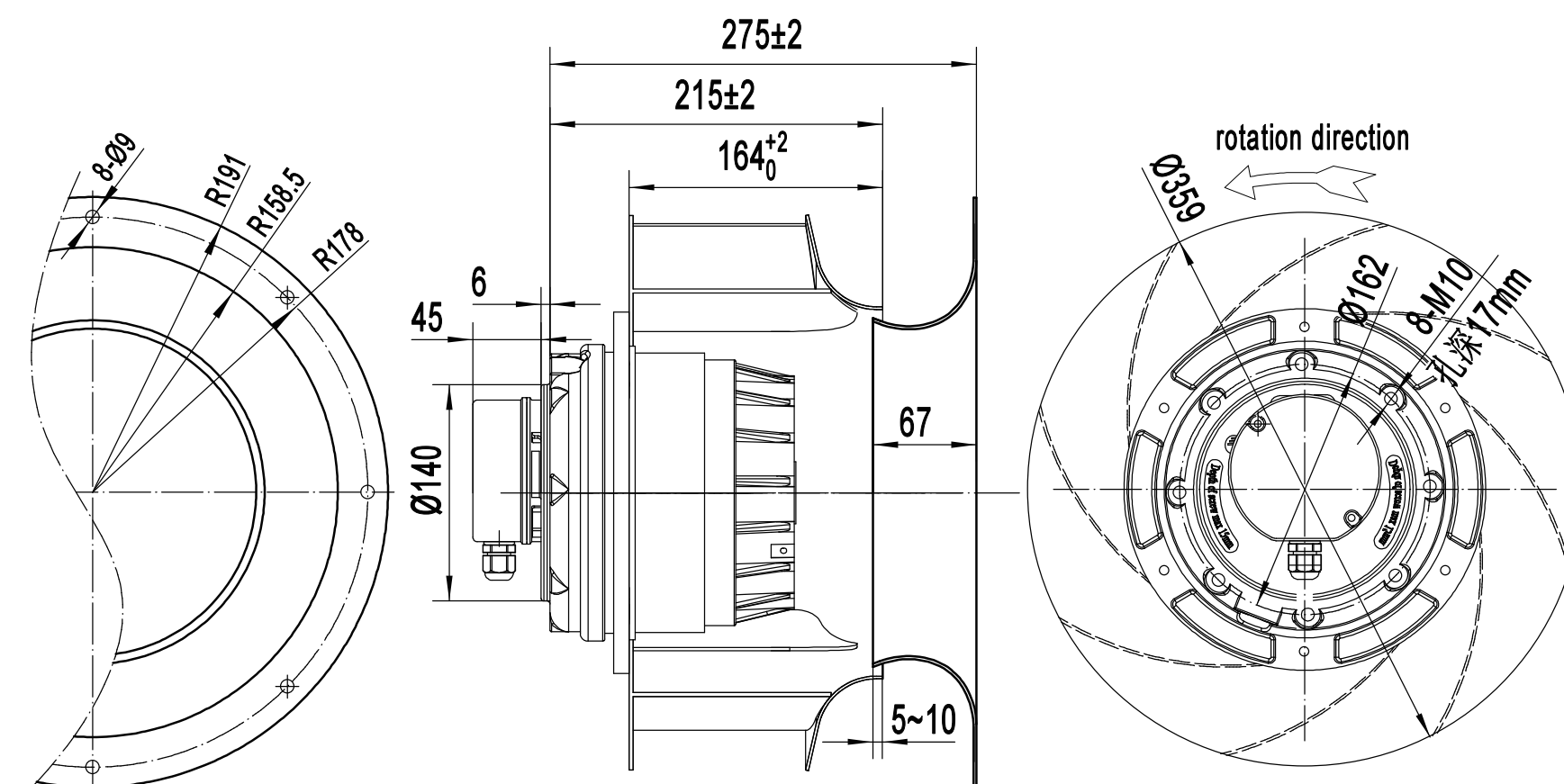


Technical Specifications

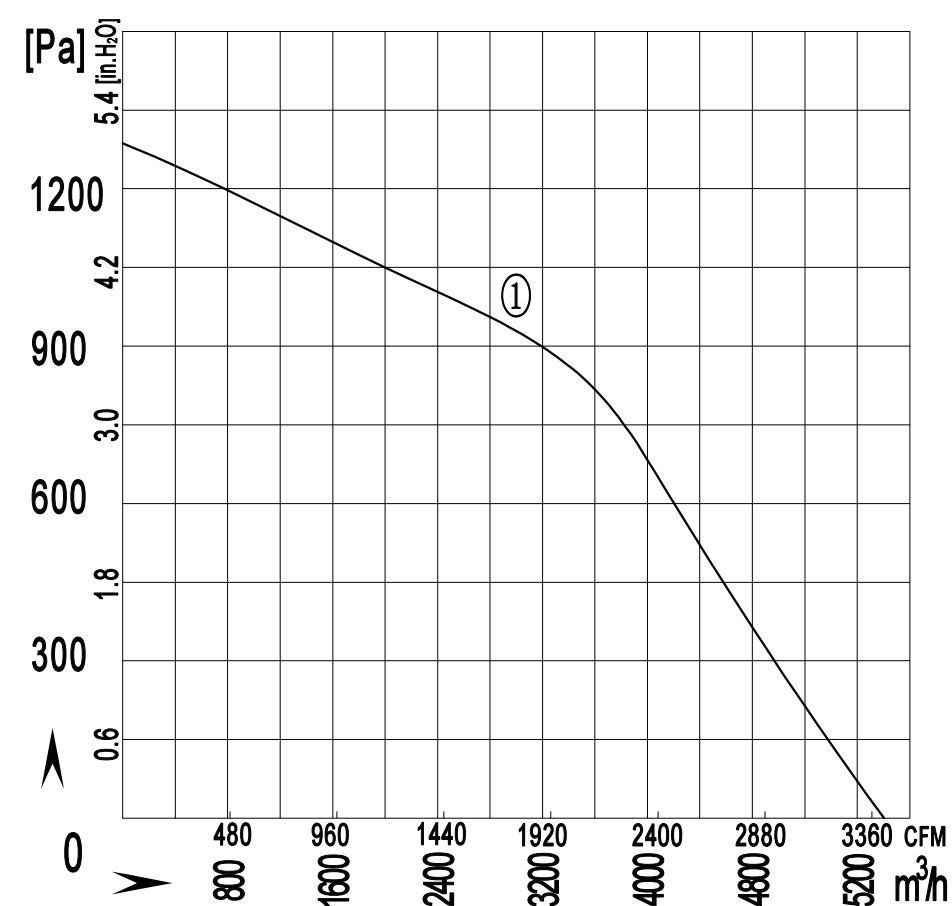
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA2D355-188NT-18	380	50	2500	4.00	2700	5300	1300	90	/	①

Product Drawing

AC Backward curved Centrifugal Fan Φ355



Flow Rate Curve



LWBA-400 Series

Product Characteristic

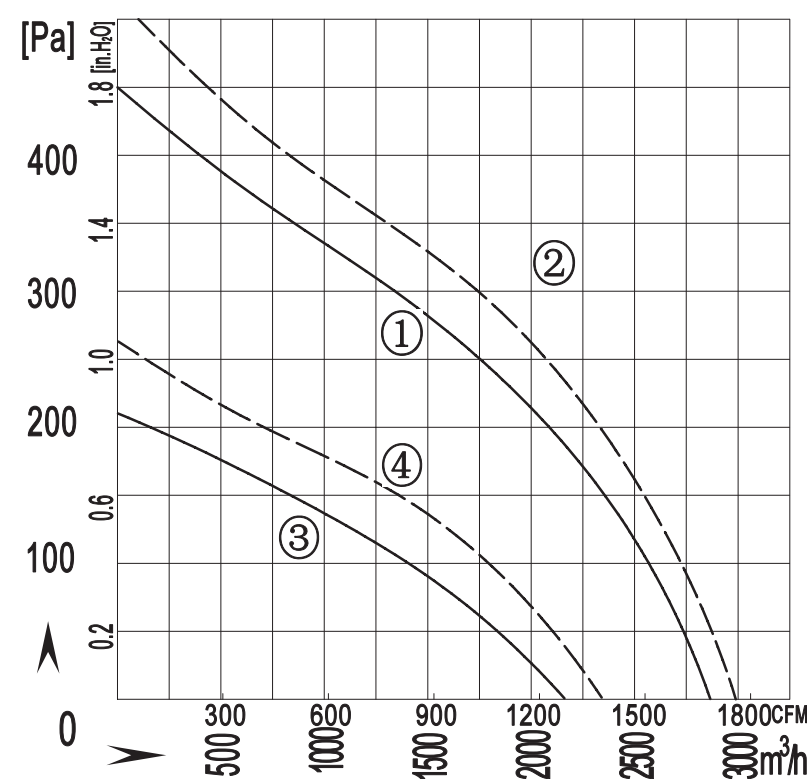
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

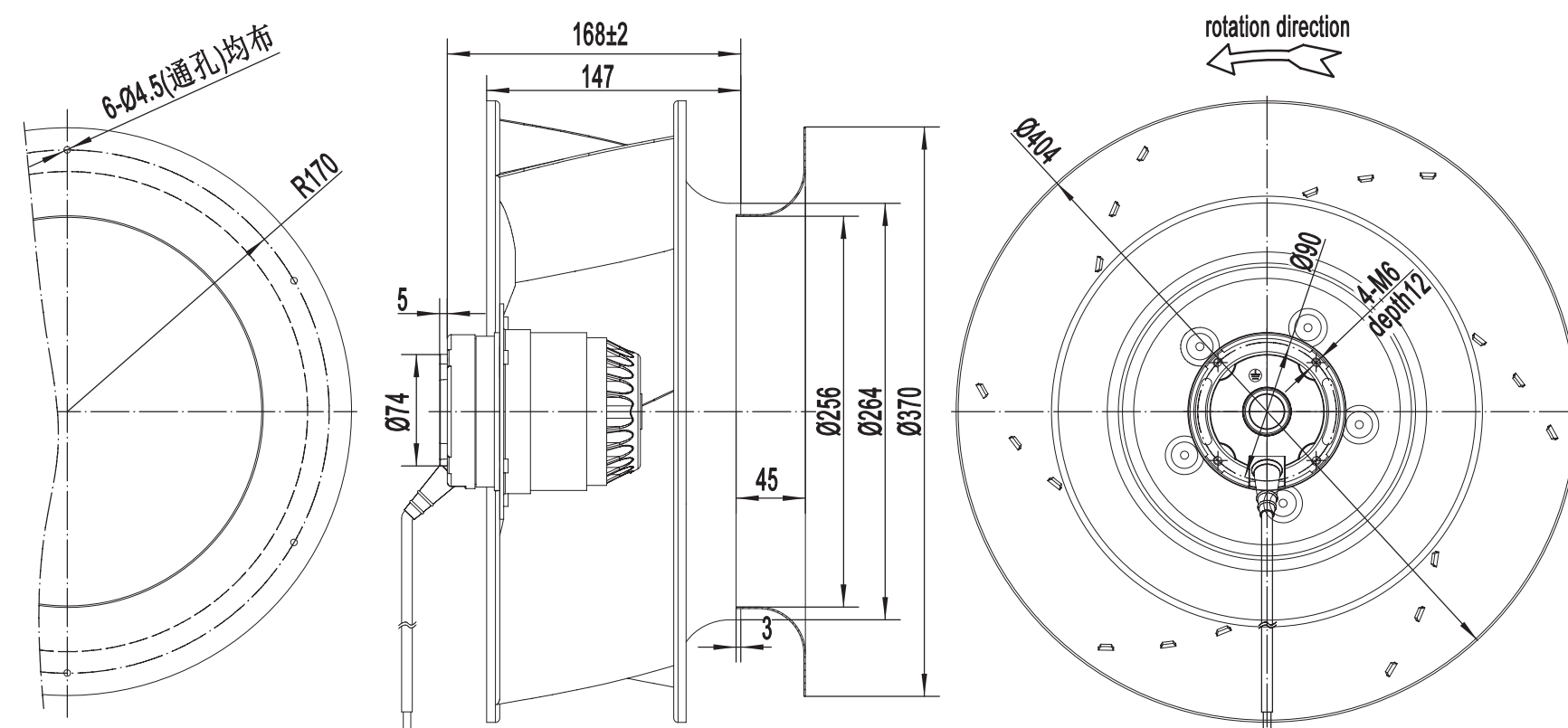
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E400-102NS-01	230	50	260	1.20	1350	2850	450	64	7	①
LWBA4E400-102NS-02	230	60	330	1.50	1450	2950	500	68	6	②
LWBA4D400-102NT-03	380	50	265	0.60	1380	2850	450	64	/	①
LWBA4D400-102NT-04	380	60	320	0.75	1460	2950	500	68	/	②
LWBA6E400-102NS-05	230	50	135	0.72	940	2100	210	56	6	③
LWBA6E400-102NS-06	230	60	155	0.85	1050	2250	270	57	6	④

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ400



LWBA-400 Series

Product Characteristic

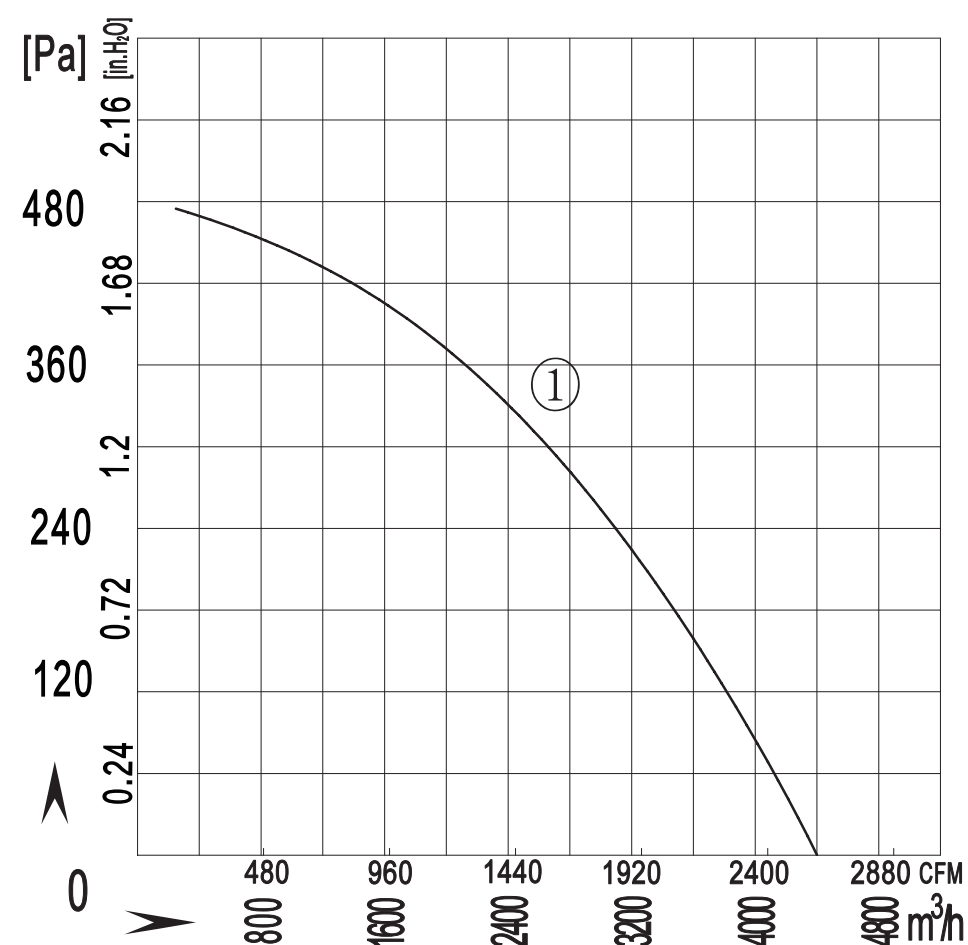
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

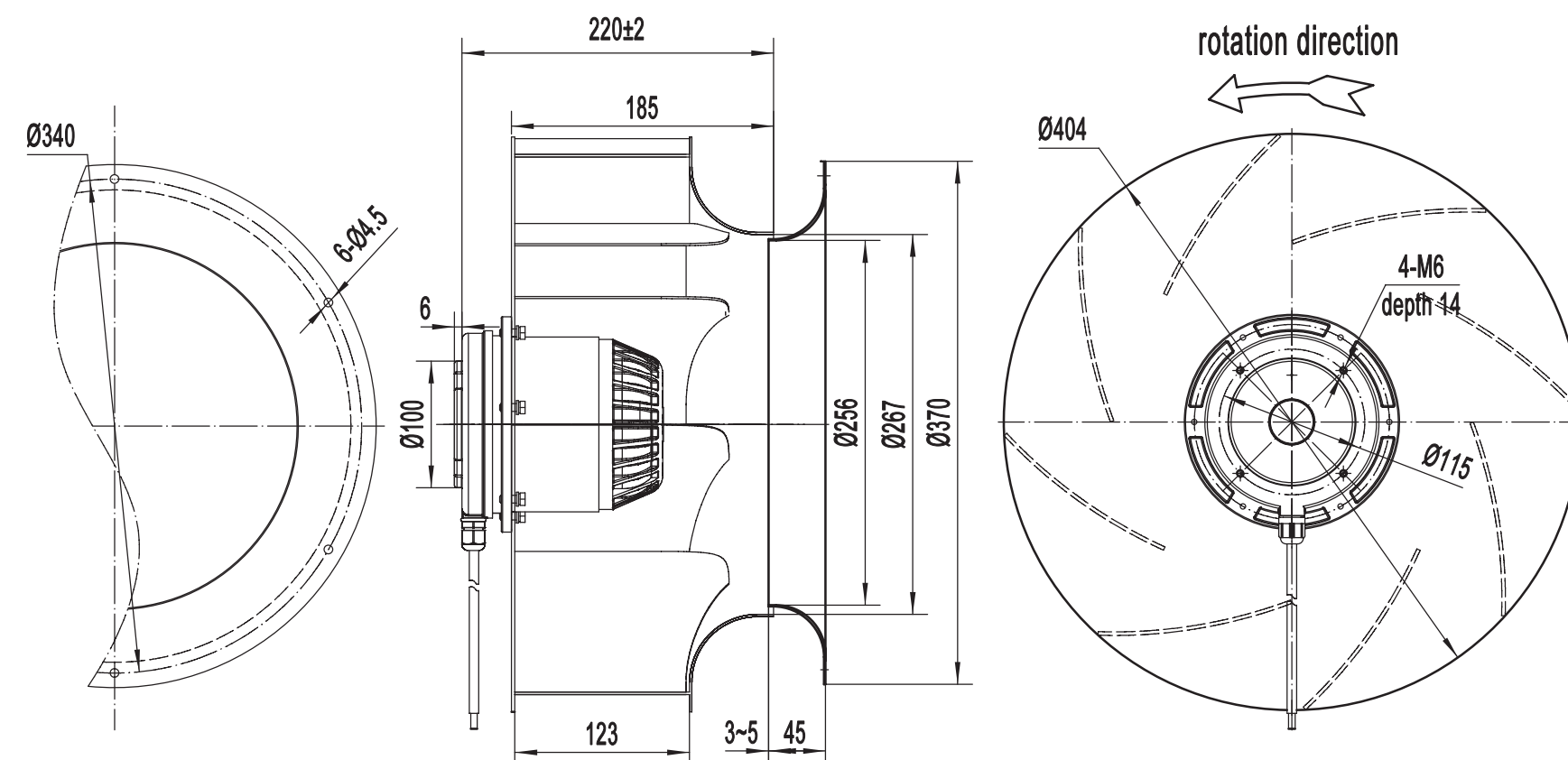
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E400-138NS-07	230	50	550	2.50	1380	4400	480	69	10	①
LWBA4D400-138NT-08	380	50	550	1.20	1370	4400	480	69	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ400



LWBA-400 Series

Product Characteristic

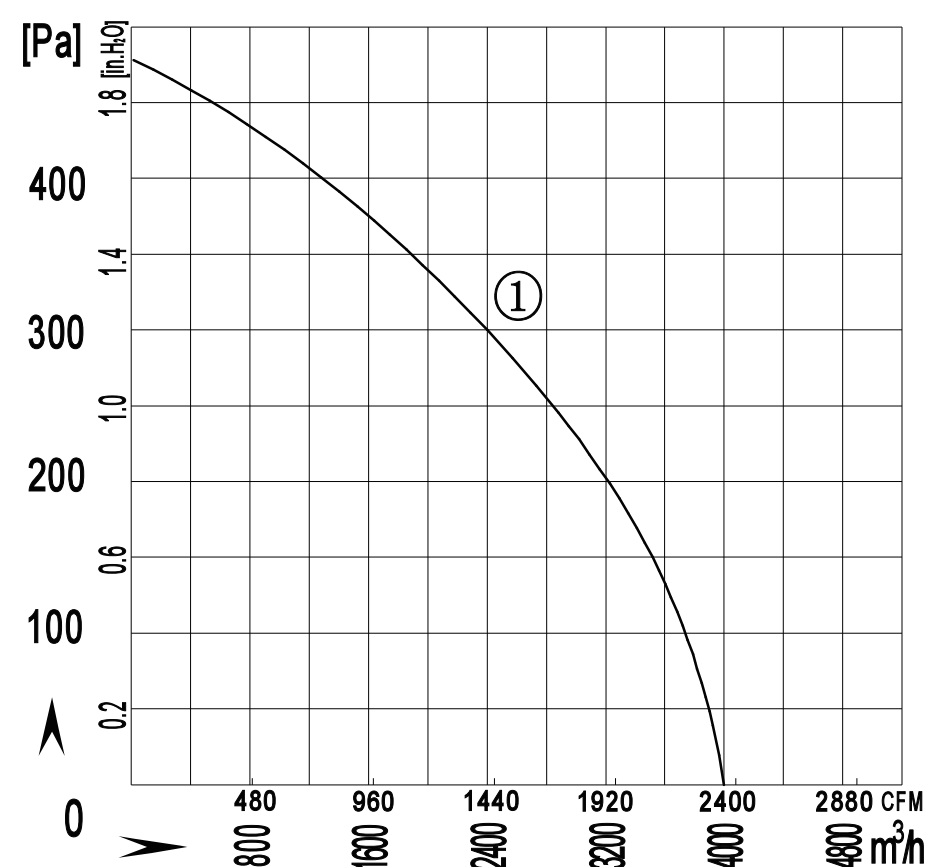
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

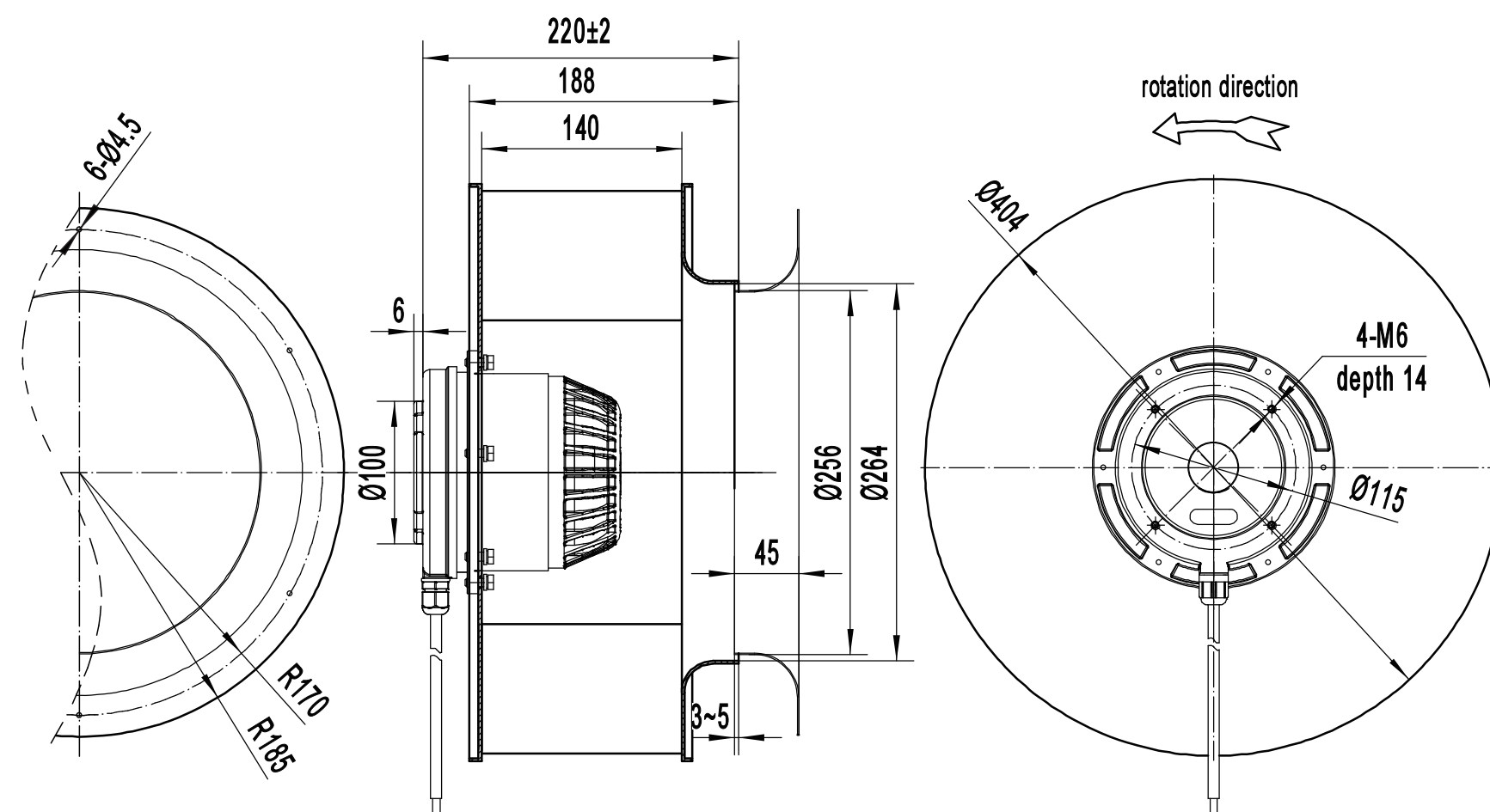
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4E400-138NS-09	230	50	430	1.50	1380	4000	480	66	10	①
LWBA4D400-138NT-10	380	60	440	0.80	1380	4000	480	66	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ400



LWBA-400 Series

Product Characteristic

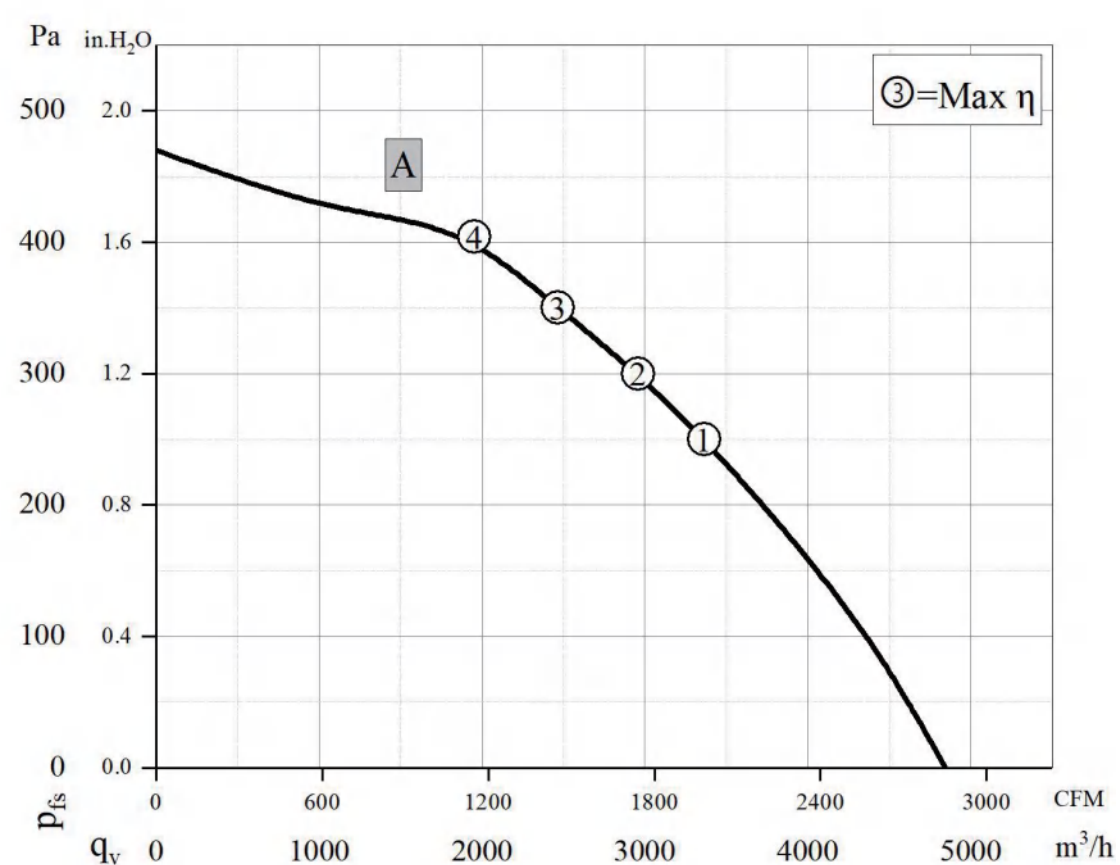
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

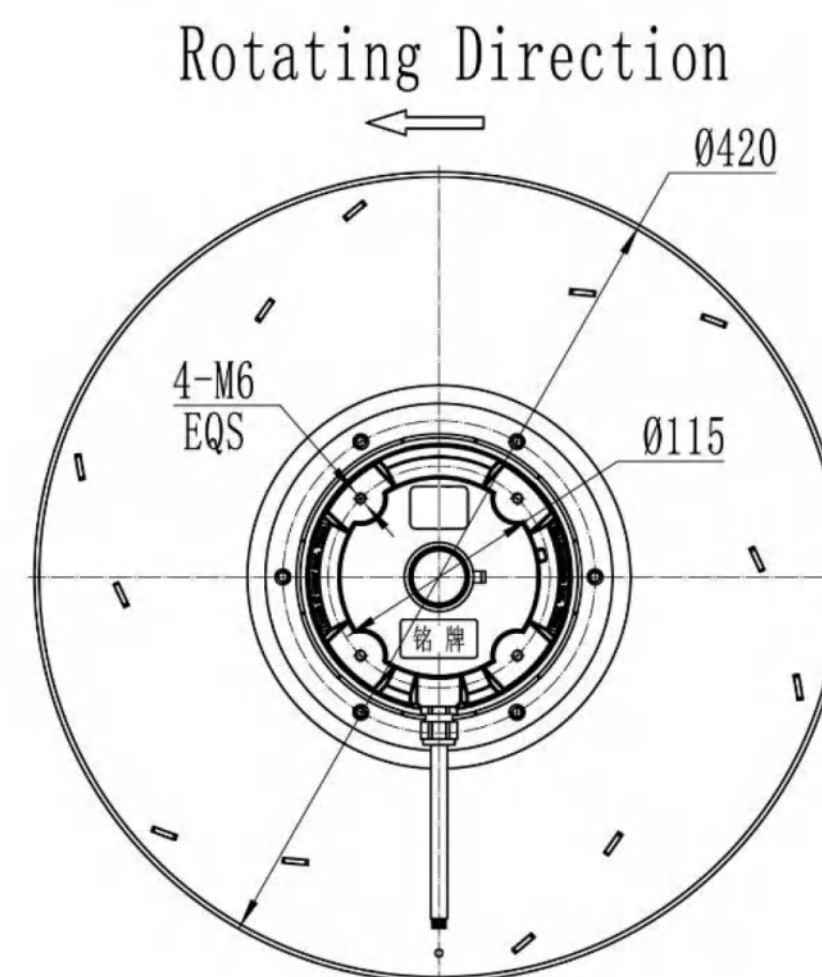
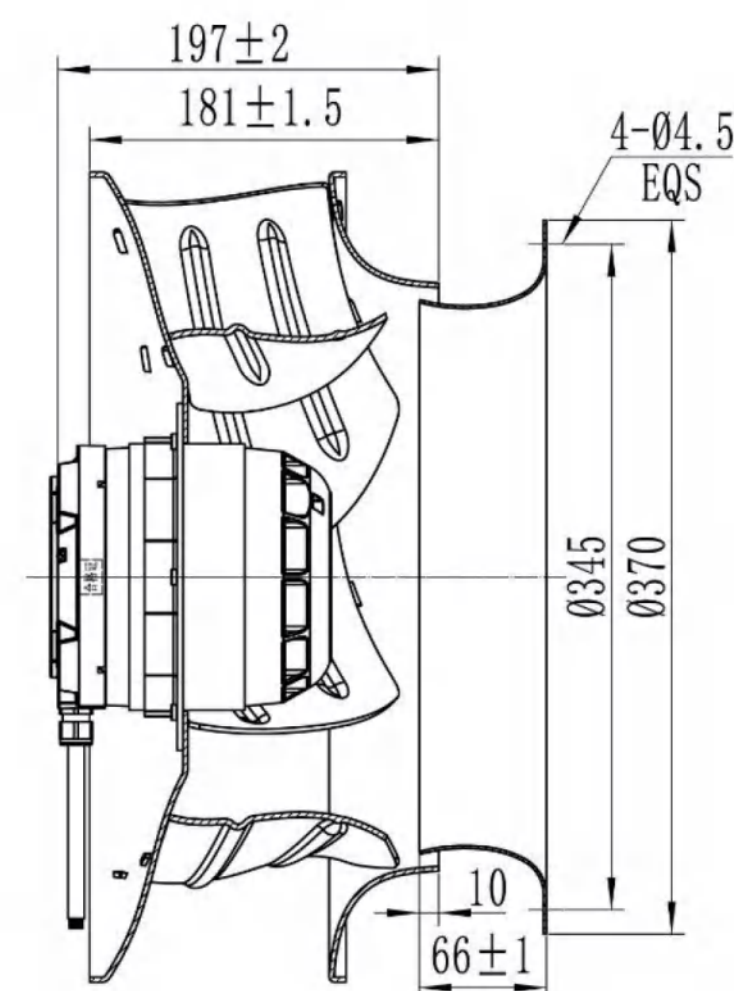
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D400-138NT-11	380	50	484	1.27	1400	4840	480	72	/	A

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ400



LWBA-450 Series

Product Characteristic

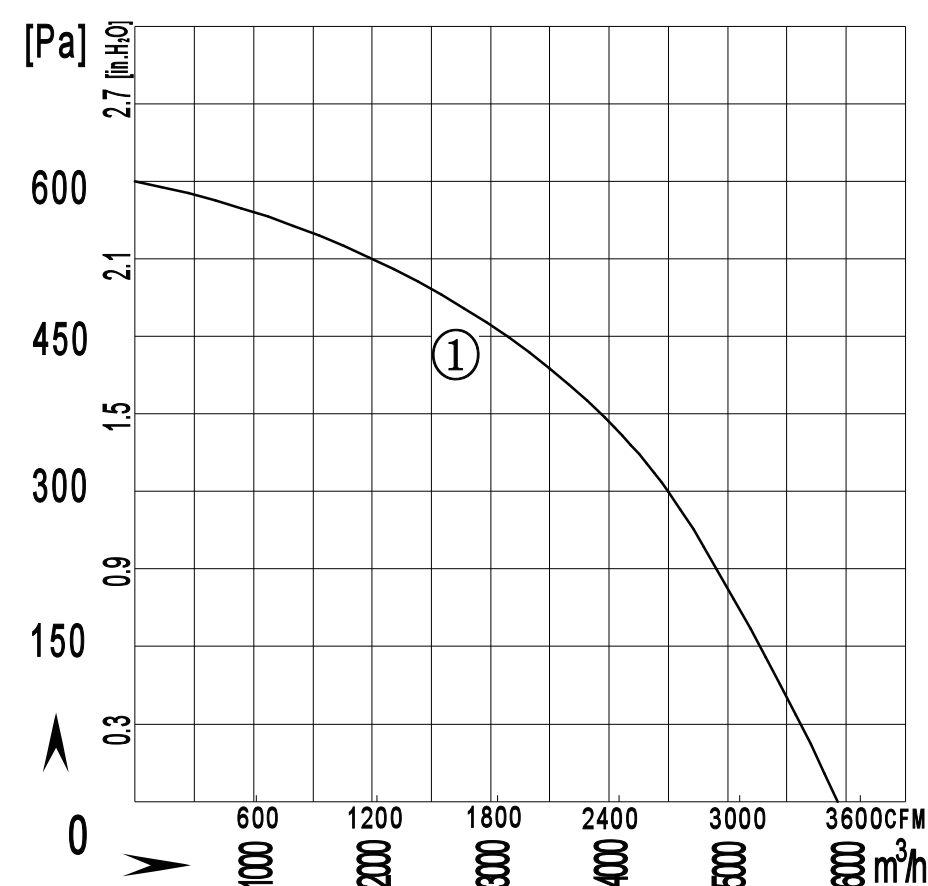
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

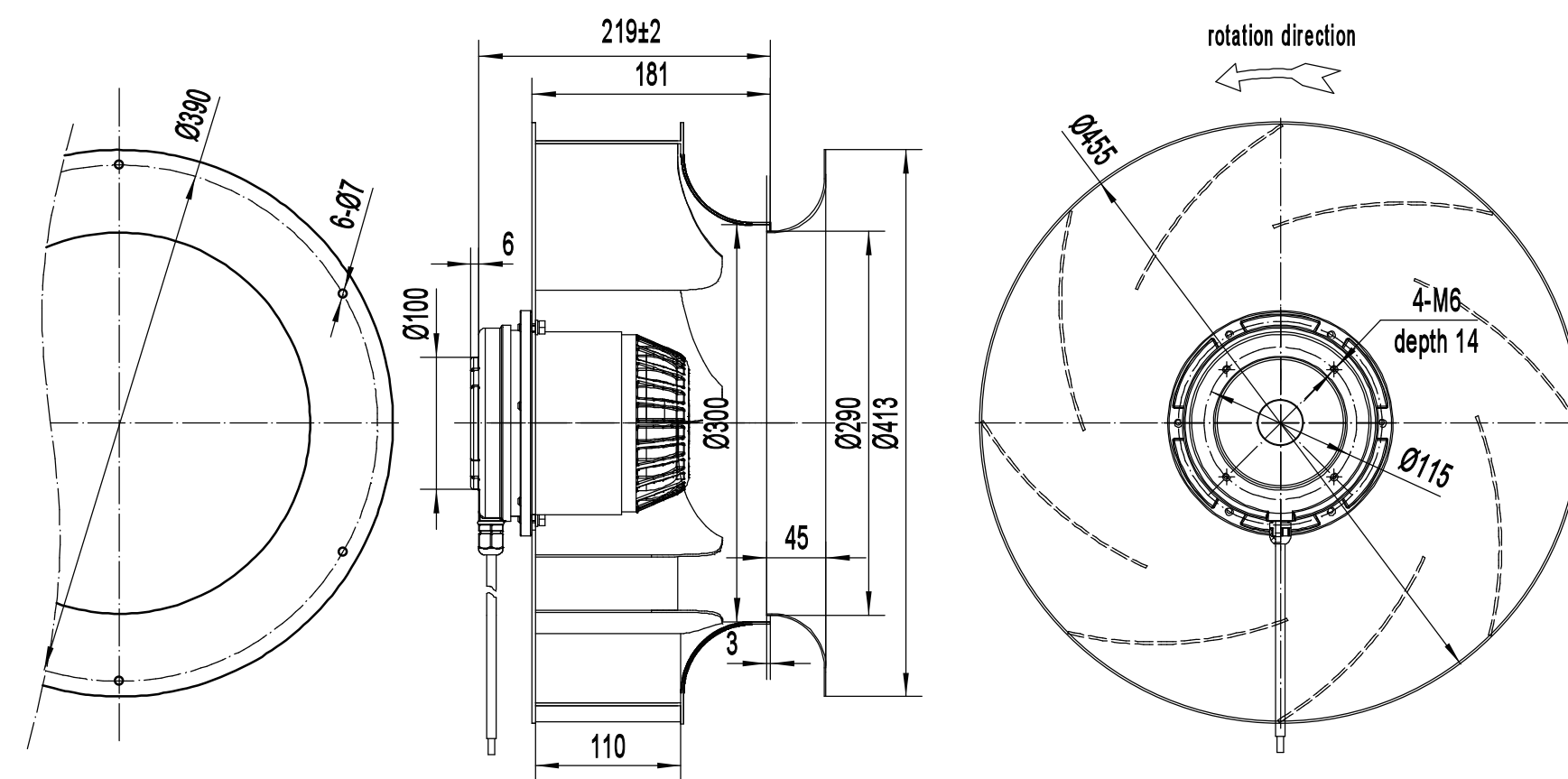
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D450-138NT-01	380	50	800	1.50	1350	5900	600	76	/	①
LWBA4E400-138NS-02	230	50	800	3.50	1350	5900	600	76	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ450



LWBA-450 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C

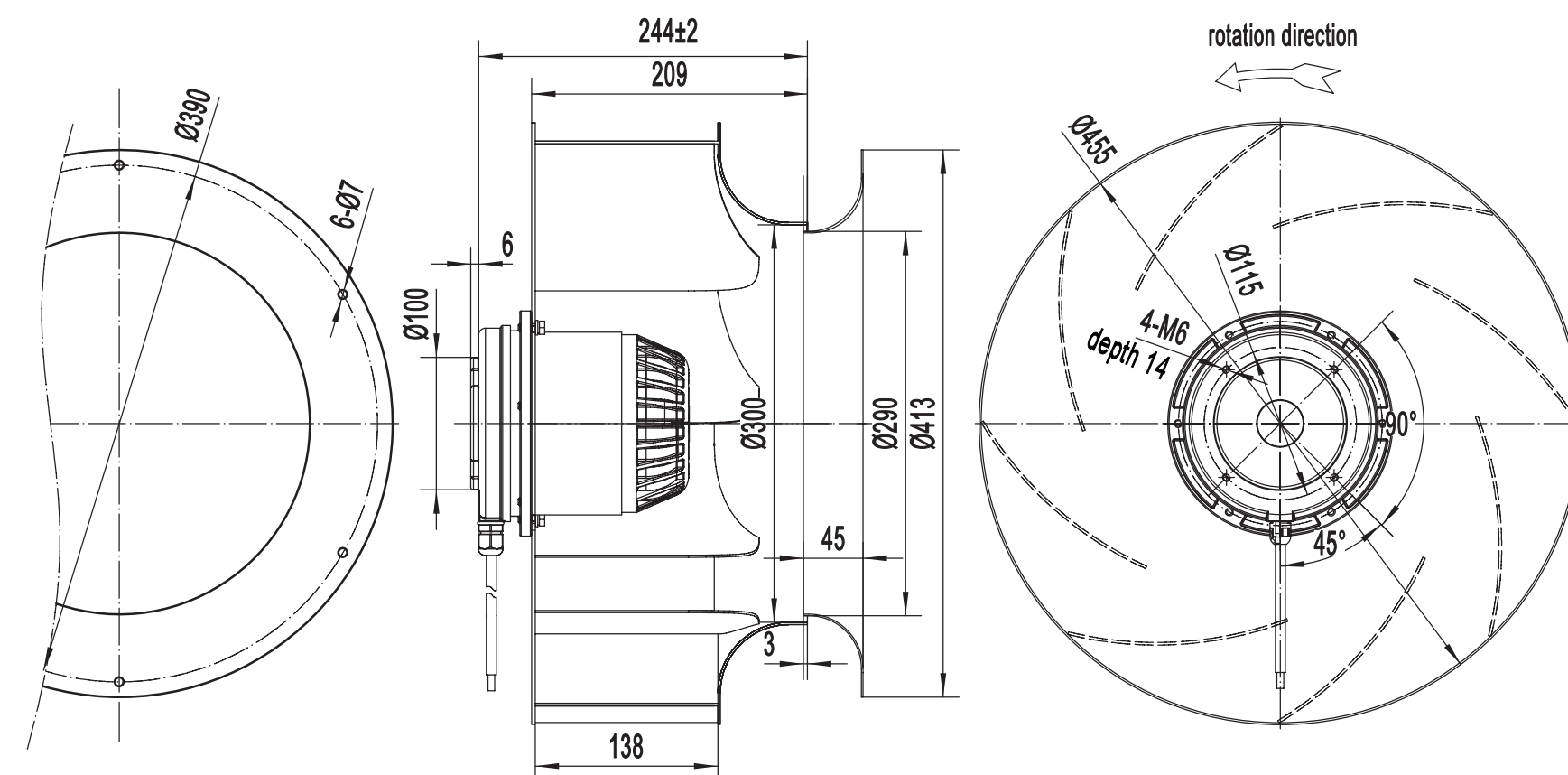


Technical Specifications

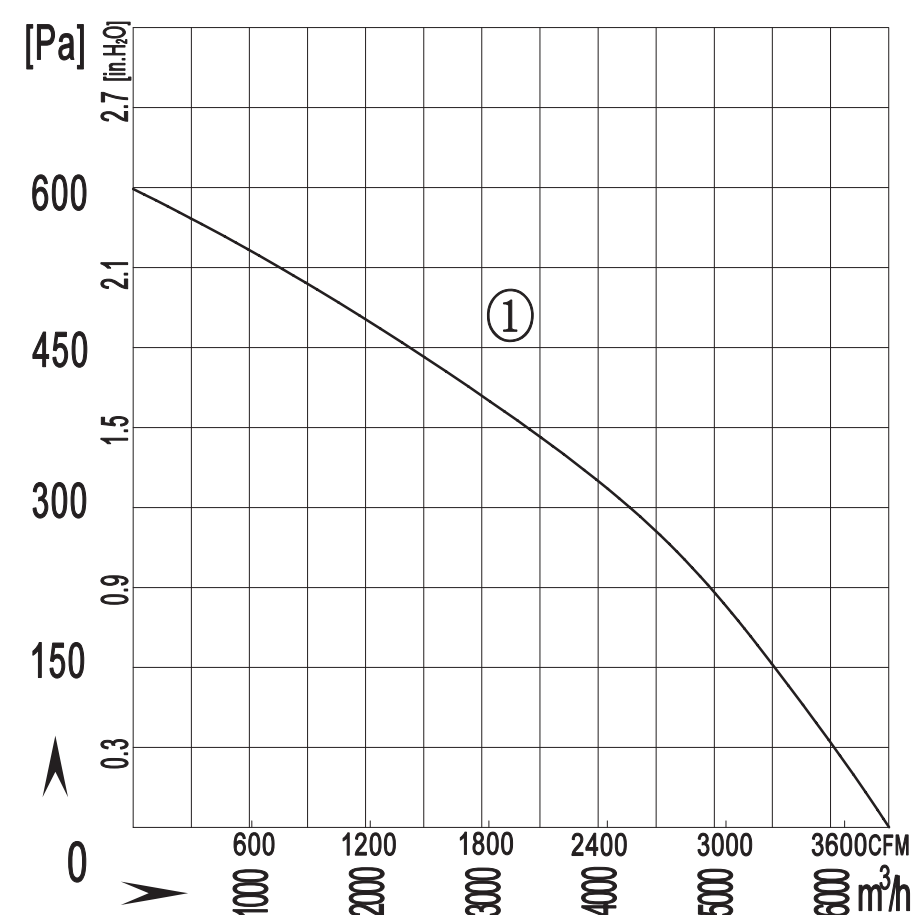
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D450-188NT-03	380	50	800	1.50	1350	6700	600	79	/	①

Product Drawing

AC Backward curved Centrifugal Fan Φ450



Flow Rate Curve



LWBA-450 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C

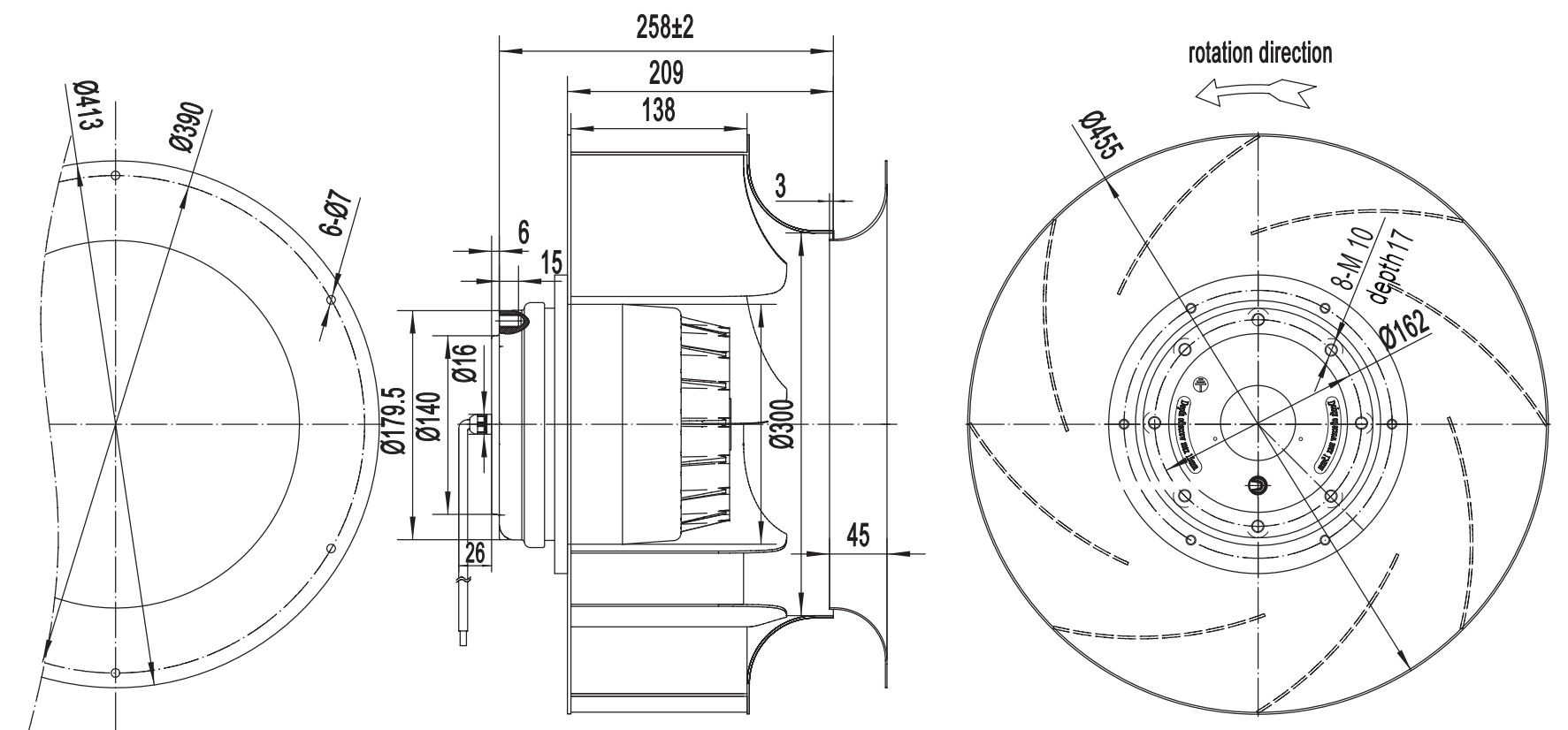


Technical Specifications

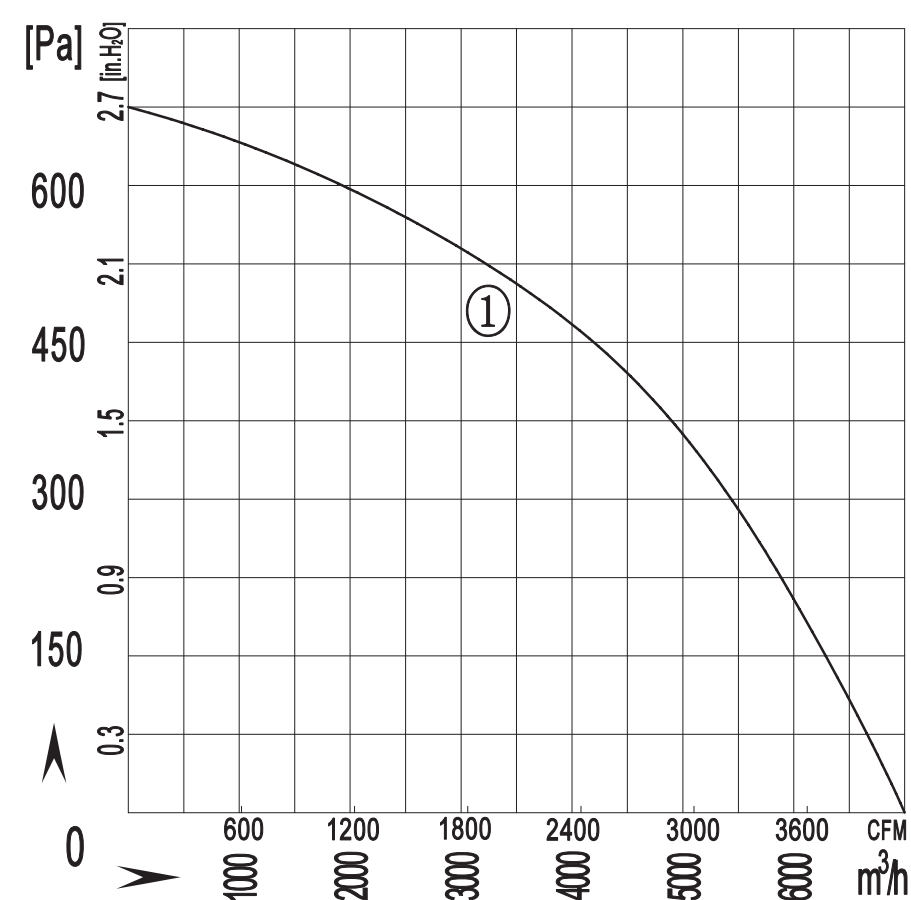
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D450-188NT-04	380	50	1100	2.50	1400	7000	675	82	/	①

Product Drawing

AC Backward curved Centrifugal Fan Φ450



Flow Rate Curve



LWBA-450 Series

Product Characteristic

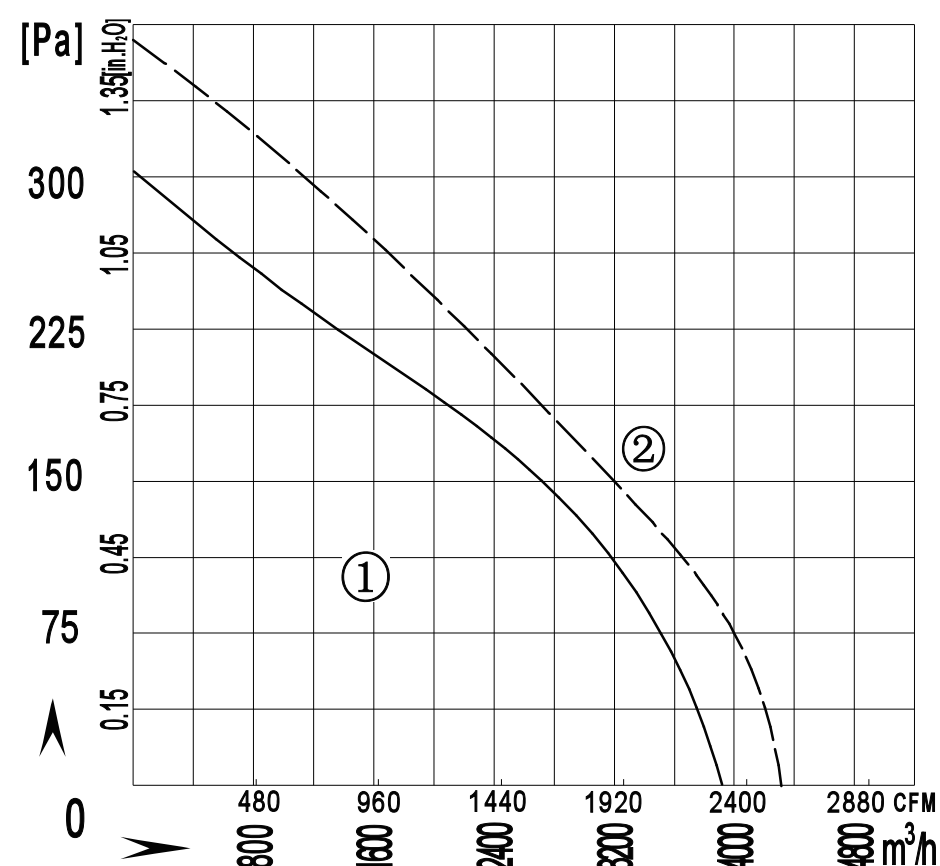
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

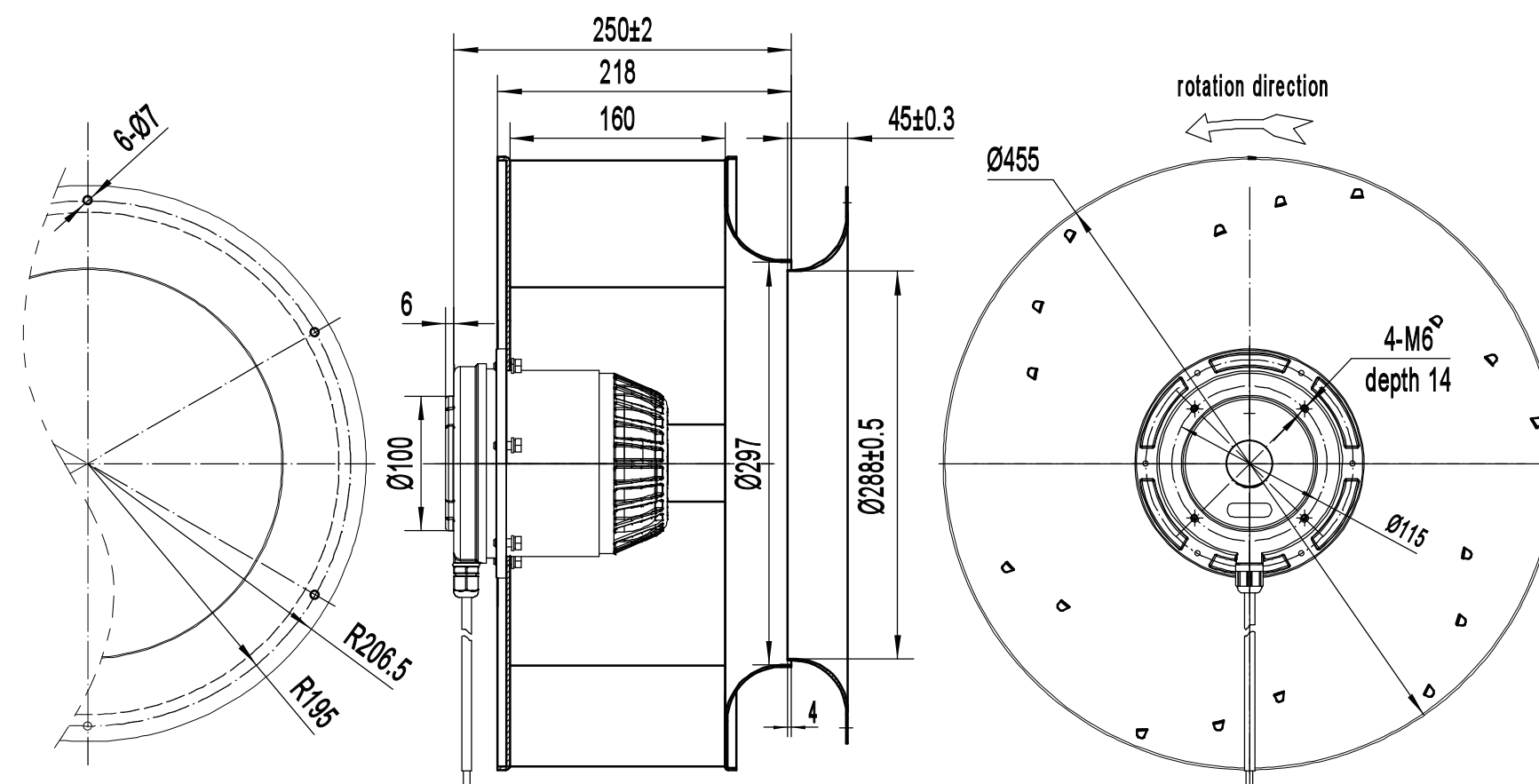
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA6E450-138NS-05	230	50	260	1.30	930	3900	300	60	10	①
LWBA6E450-138NS-06	230	60	350	1.60	1050	4200	370	61	10	②
LWBA6D450-138NT-07	380	50	300	1.00	920	3900	300	60	/	①
LWBA6D450-138NT-08	380	60	360	1.20	1050	4200	370	61	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ450



LWBA-450 Series

Product Characteristic

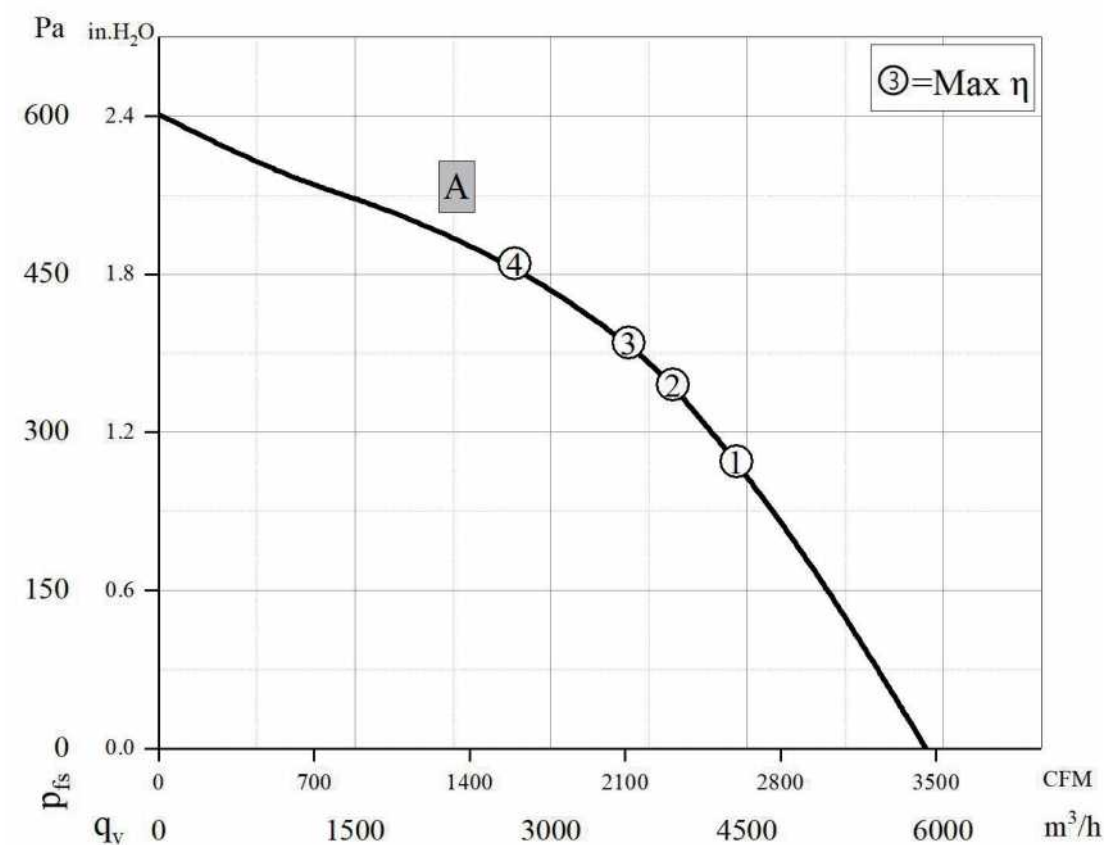
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

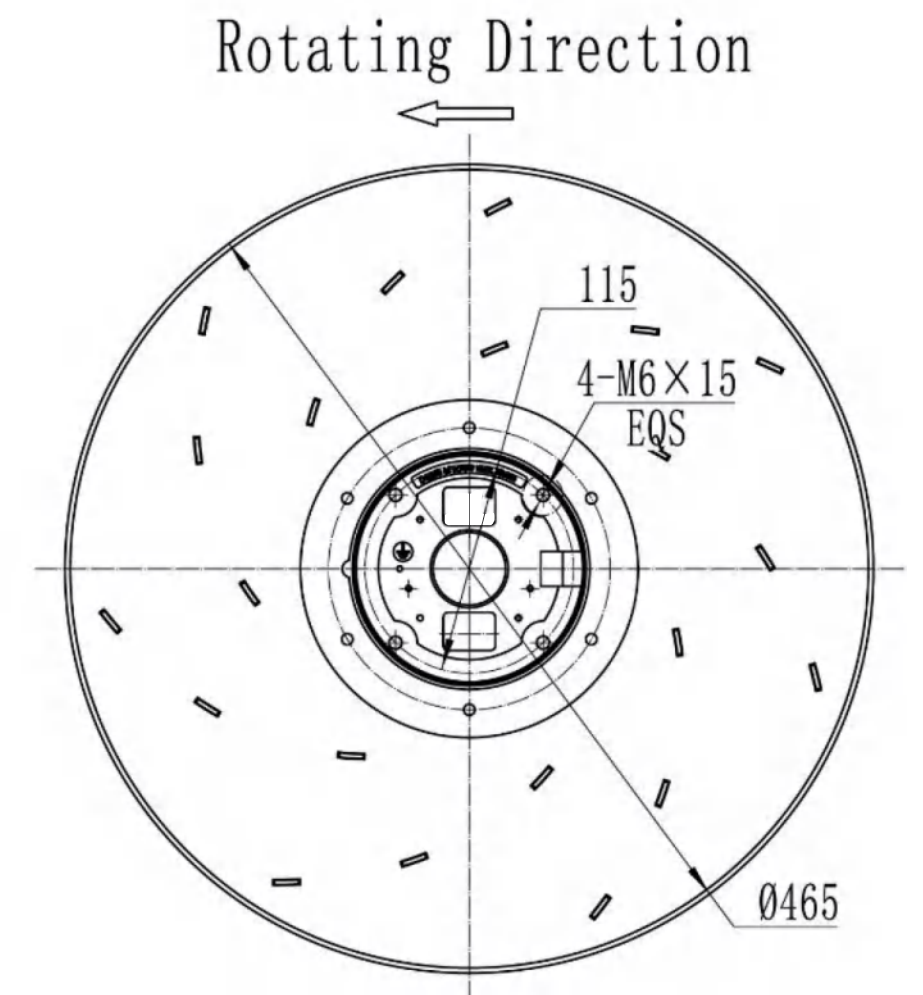
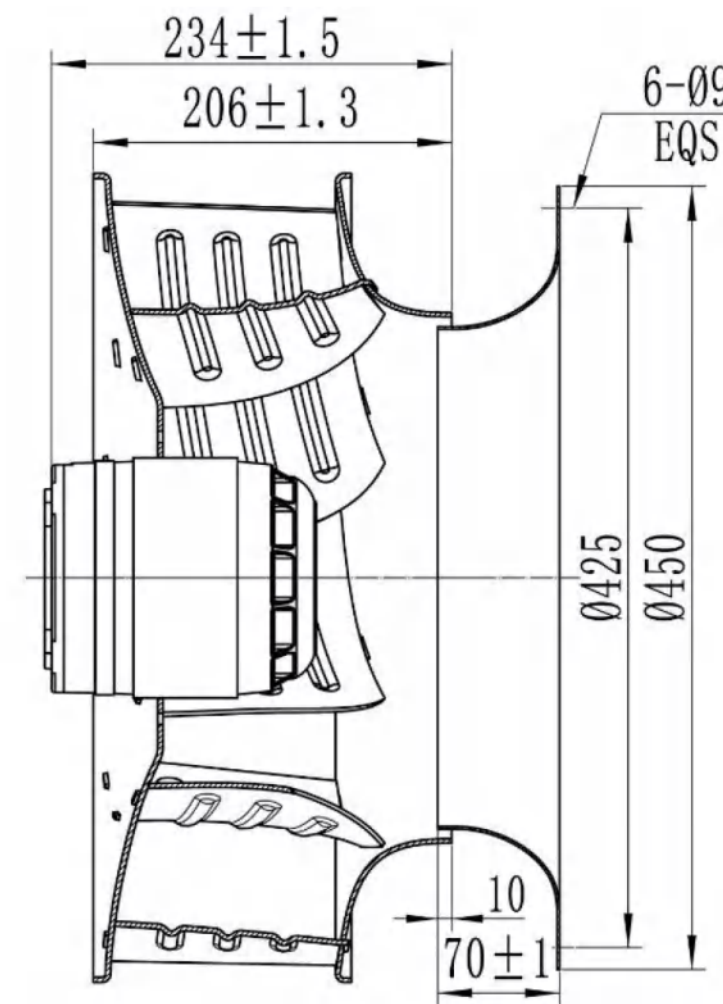
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D450-138NT-09	380	50	616	1.42	1395	5870	600	78.8	/	A

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ450



LWBA-500 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

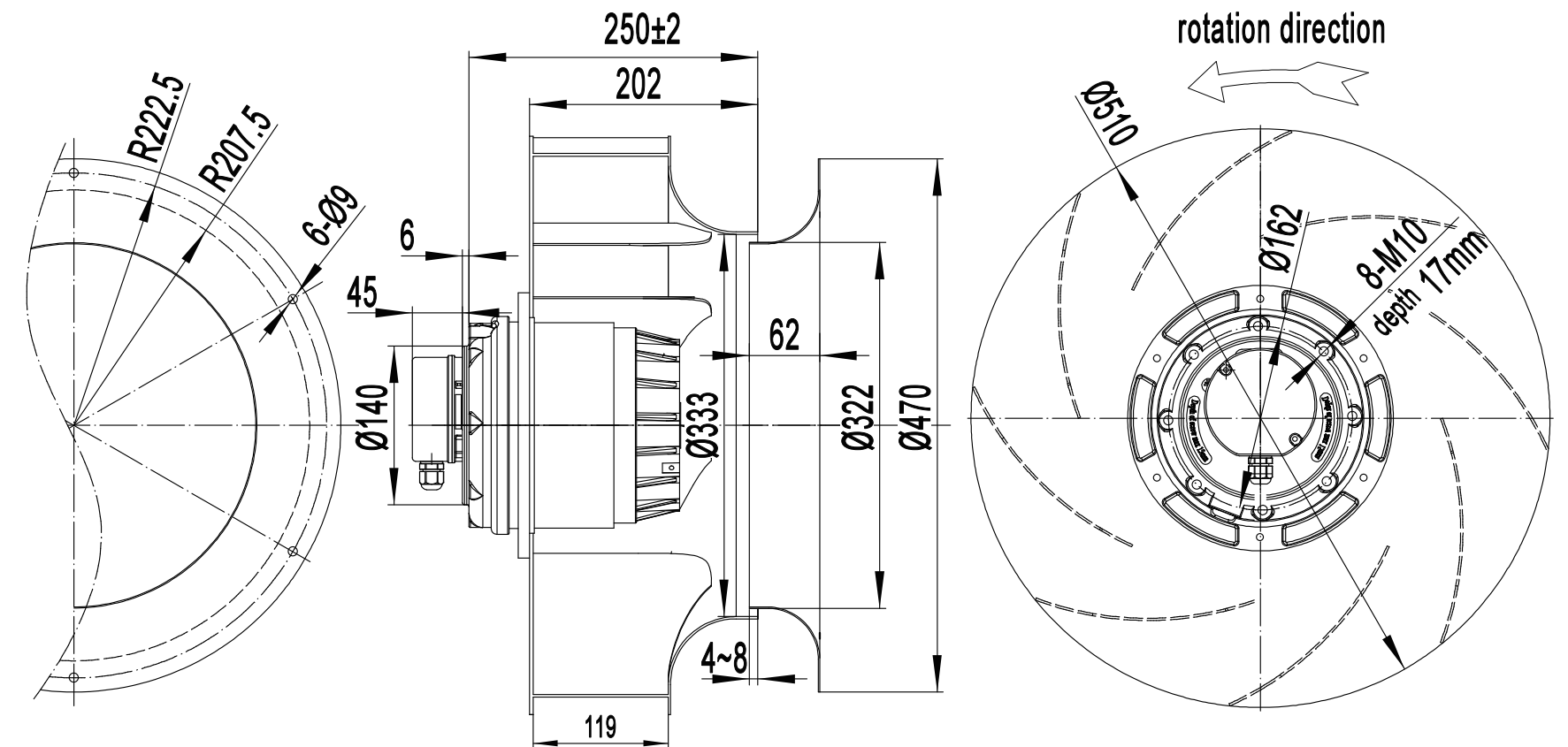
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D500-188NT-01	380	50	1000	2.10	1350	7800	600	79	/	①

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ500



LWBA-500 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C

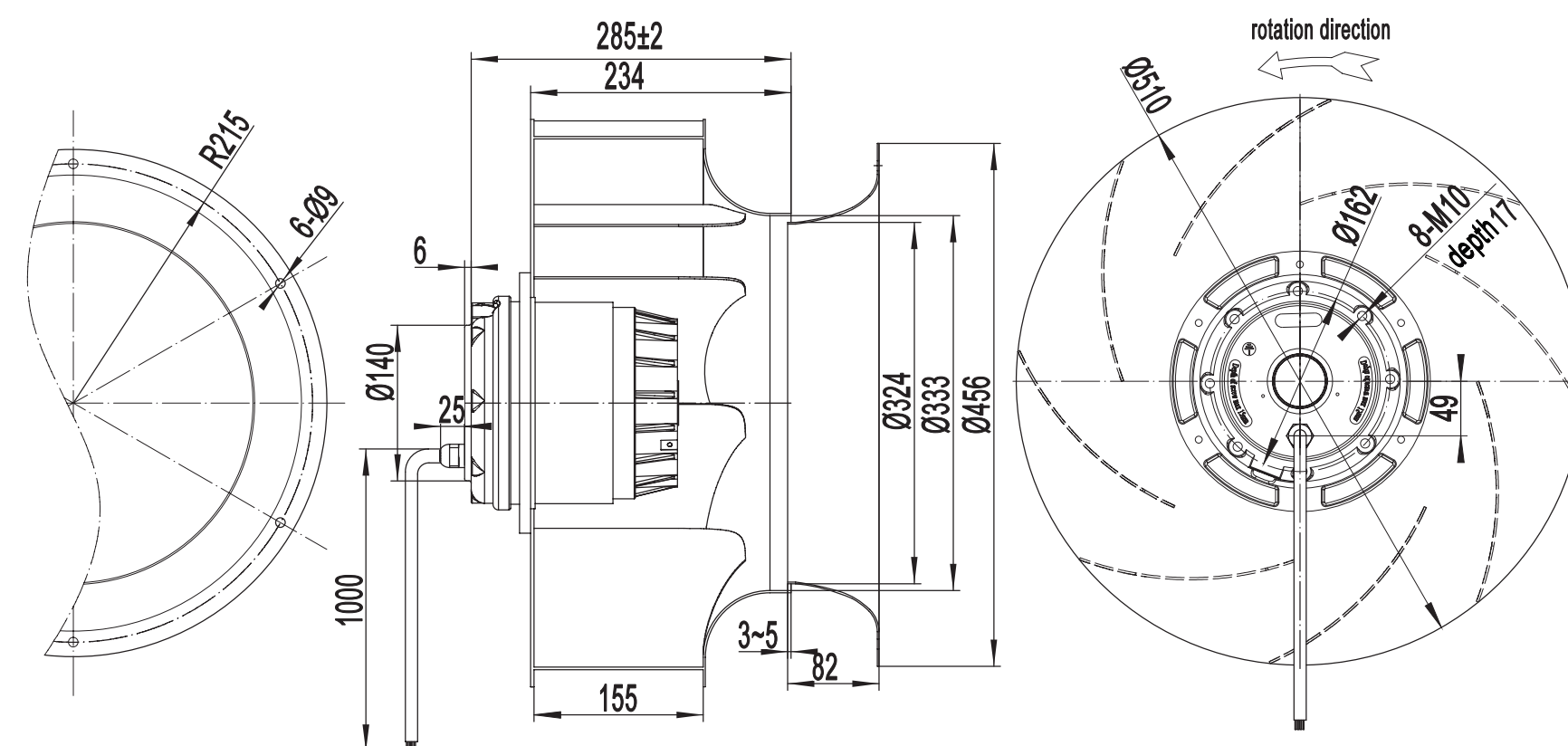


Technical Specifications

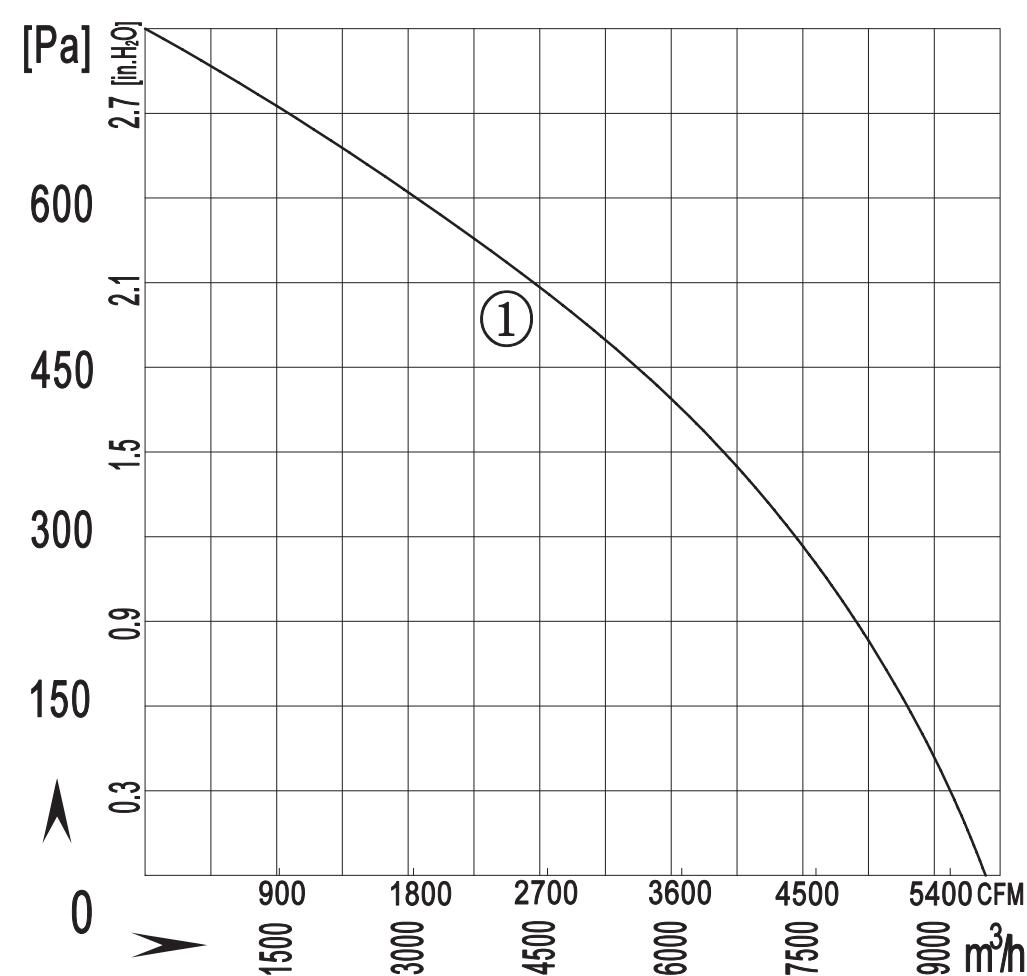
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D500-188NT-02	380	50	1500	2.60	1400	9500	750	80	/	①

Product Drawing

AC Backward curved Centrifugal Fan Φ500



Flow Rate Curve



LWBA-500 Series

Product Characteristic

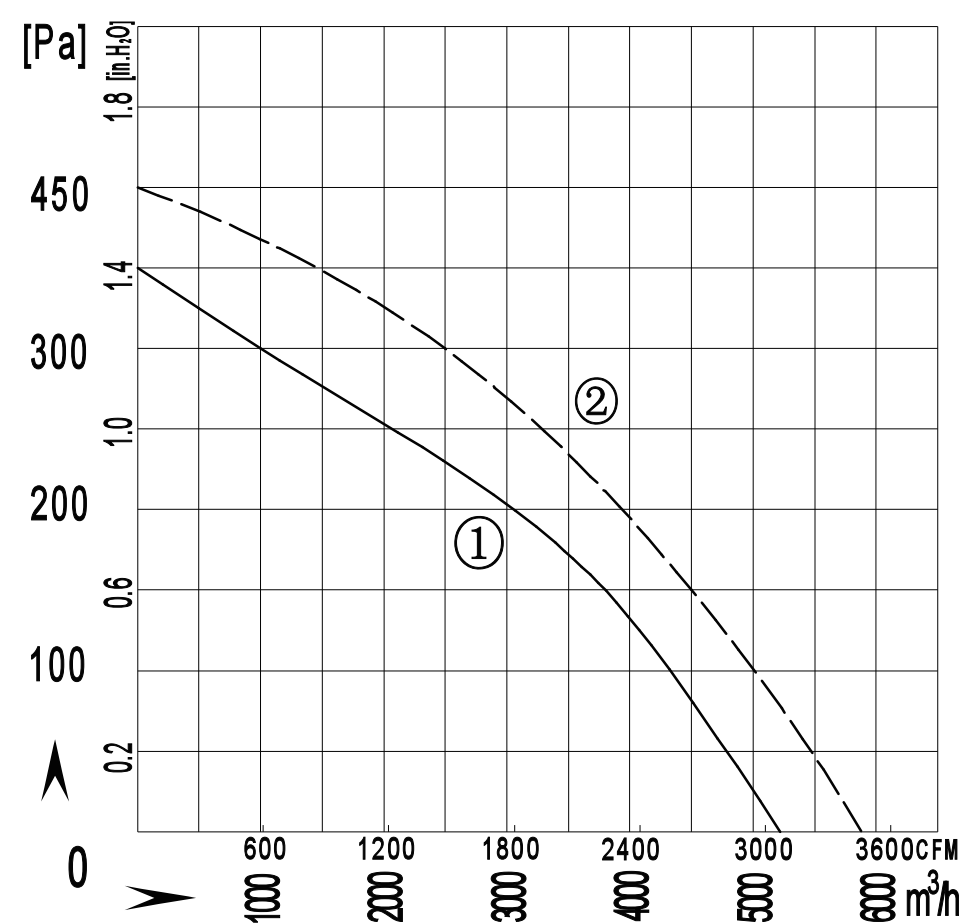
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

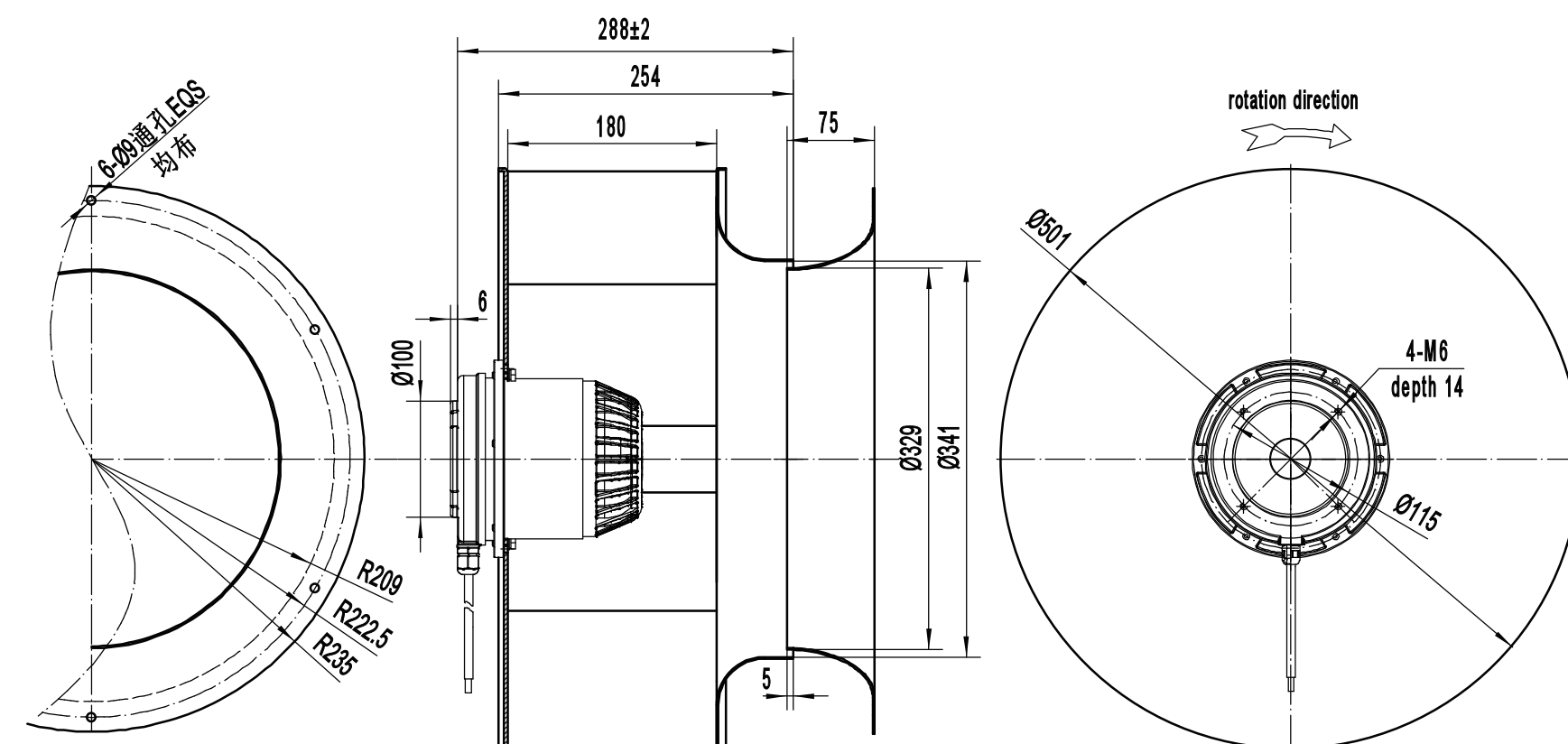
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA6D500-138NT-03	380	50	450	1.25	950	5200	350	63	/	①
LWBA6D500-138NT-04	380	60	550	1.40	1050	5700	450	65	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ500



LWBA-500 Series

Product Characteristic

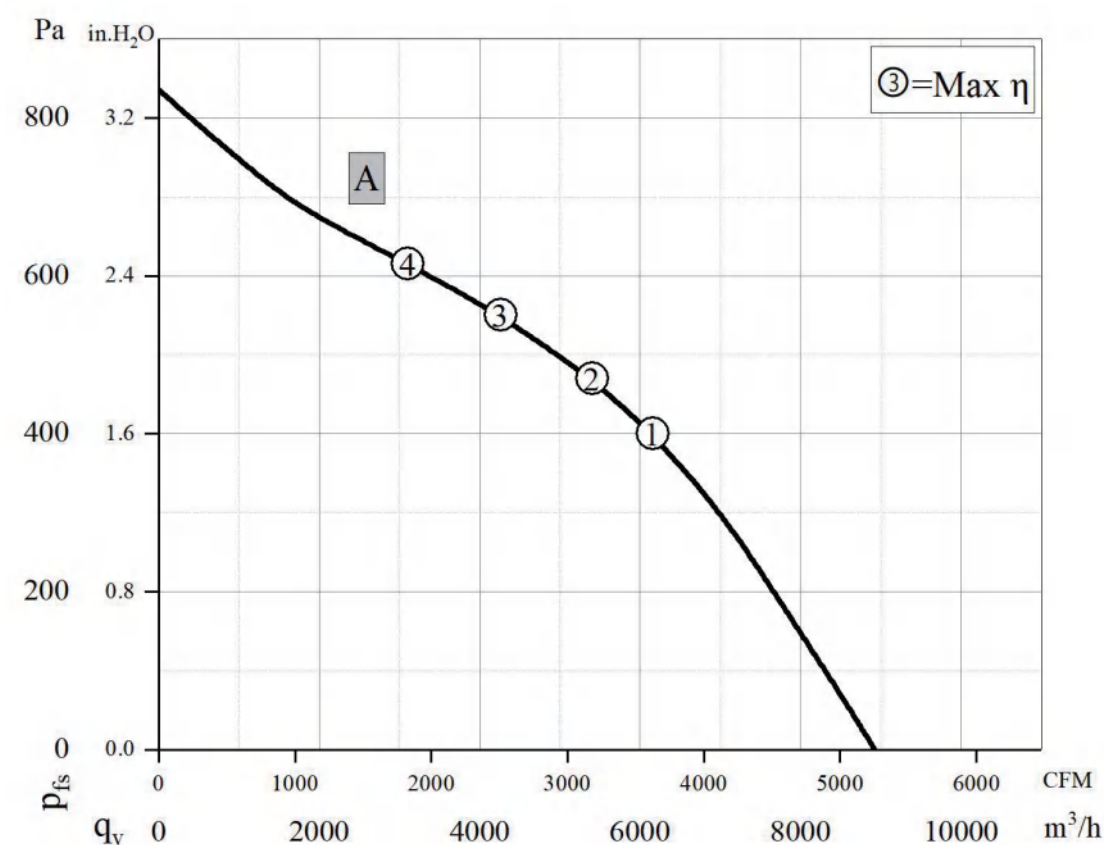
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

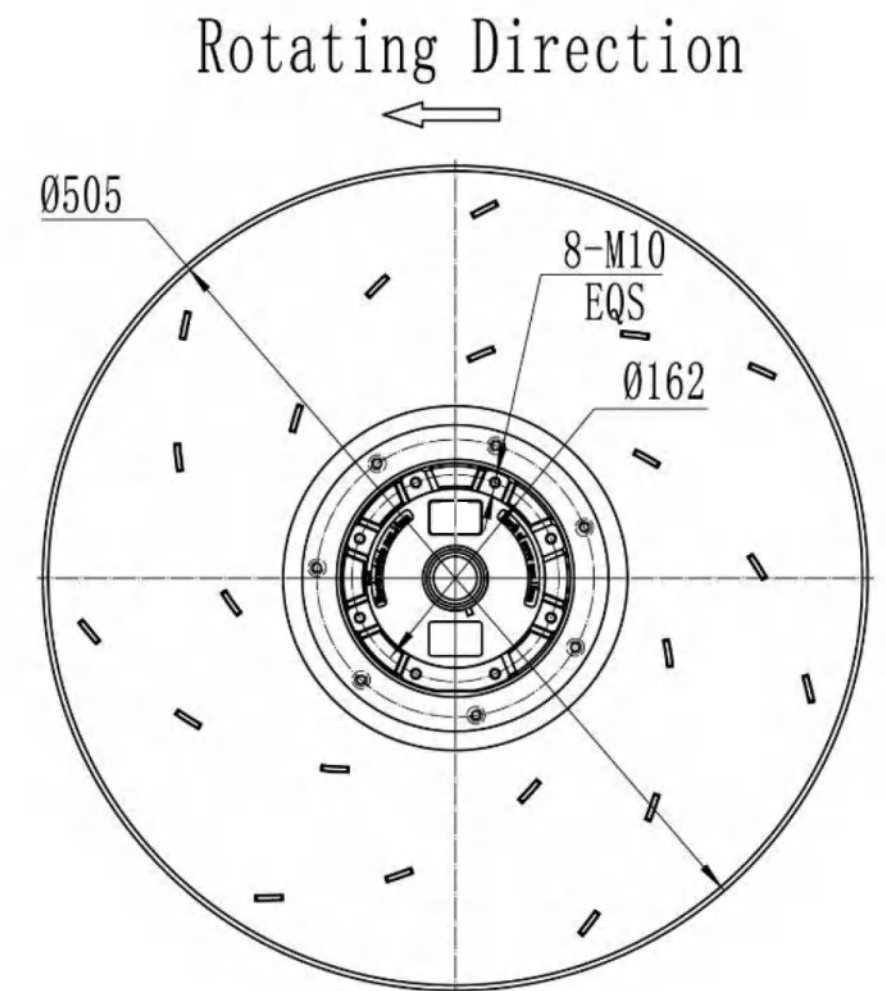
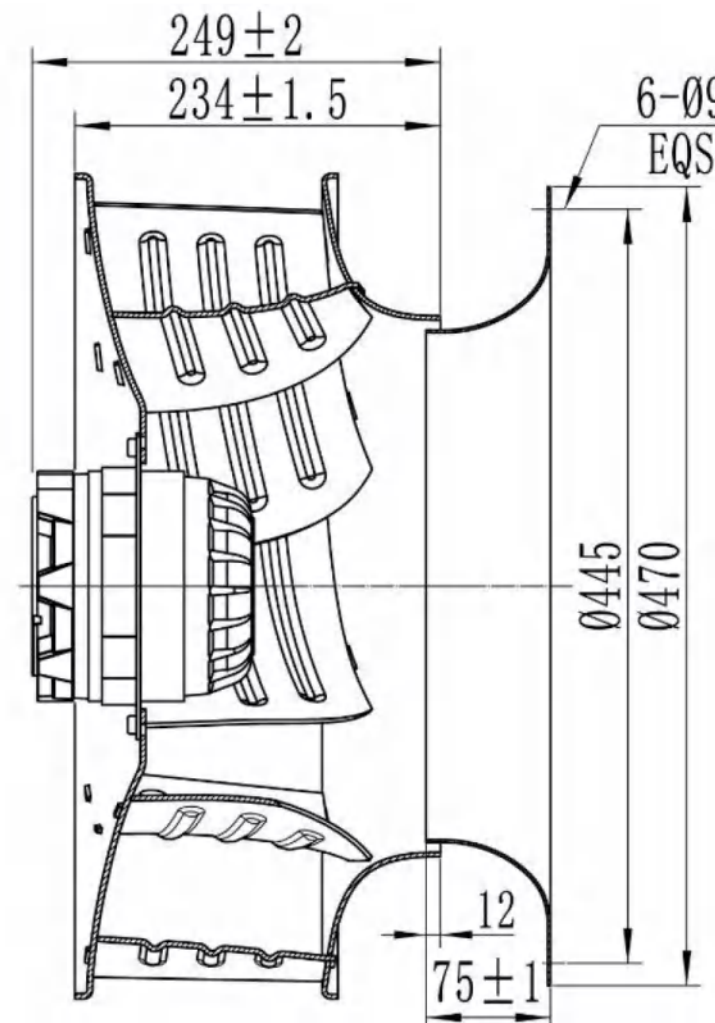
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D500-188NT-05	380	50	1300	2.60	1350	8930	830	81.9	/	A

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ500



LWBA-560 Series

Product Characteristic

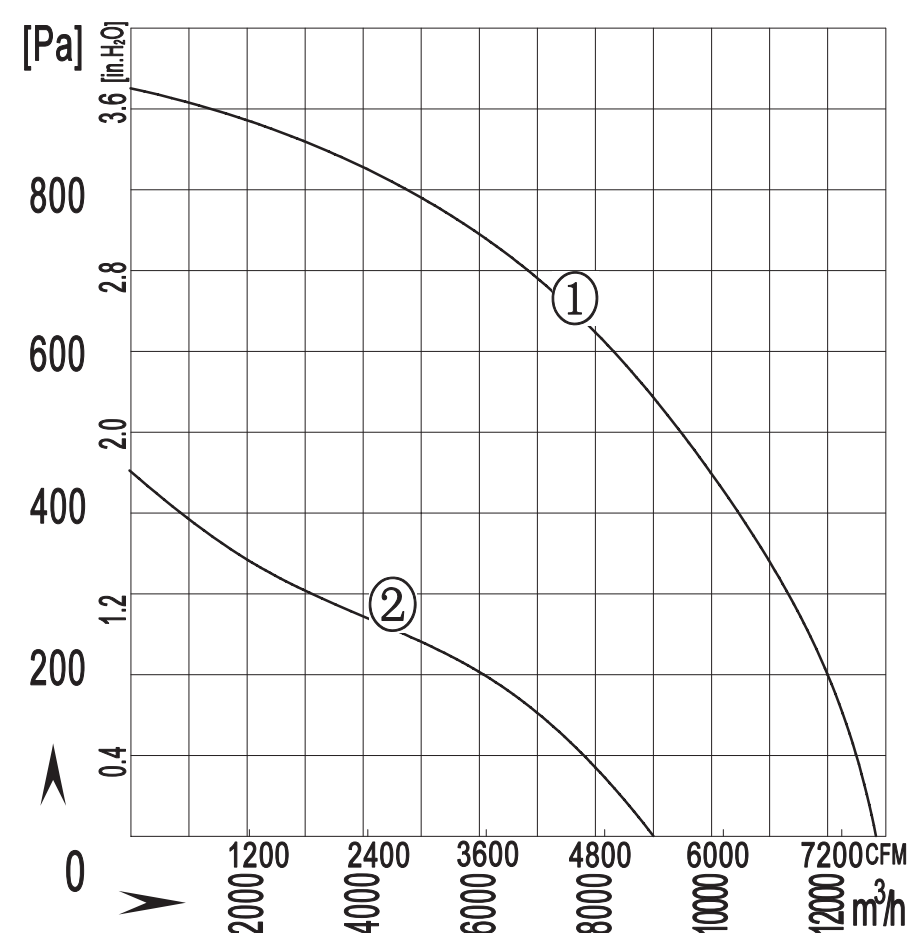
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

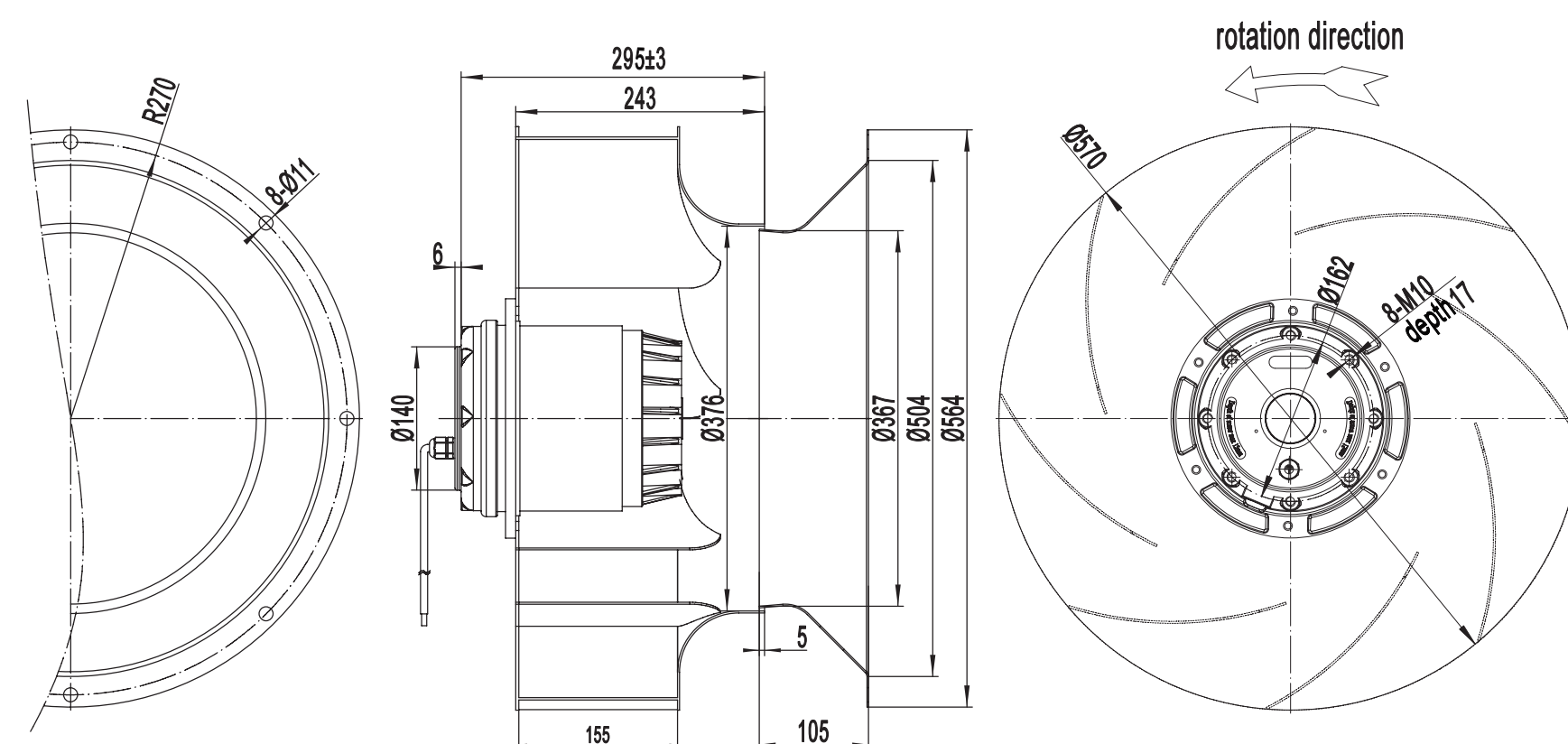
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D560-188NT-01	380	50	2500	4.50	1340	12000	450	85	/	①
LWBA6D560-188NT-02	380	50	900	1.80	910	9000	920	73	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ560



LWBA-560 Series

Product Characteristic

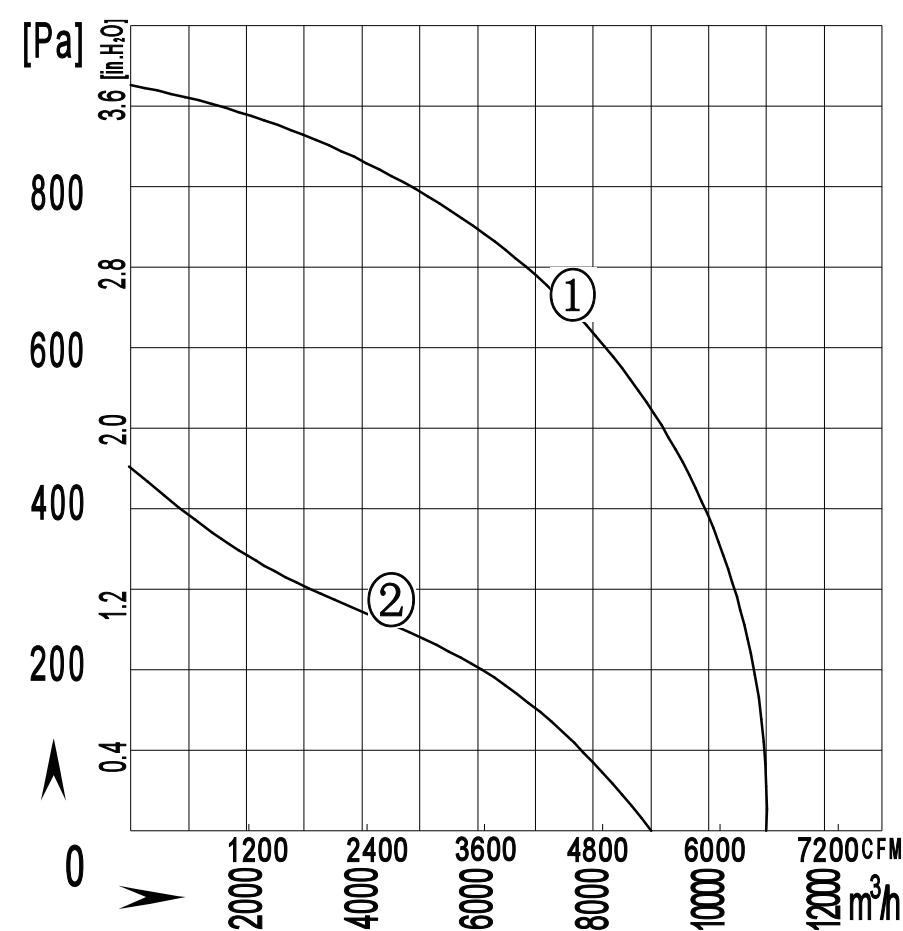
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

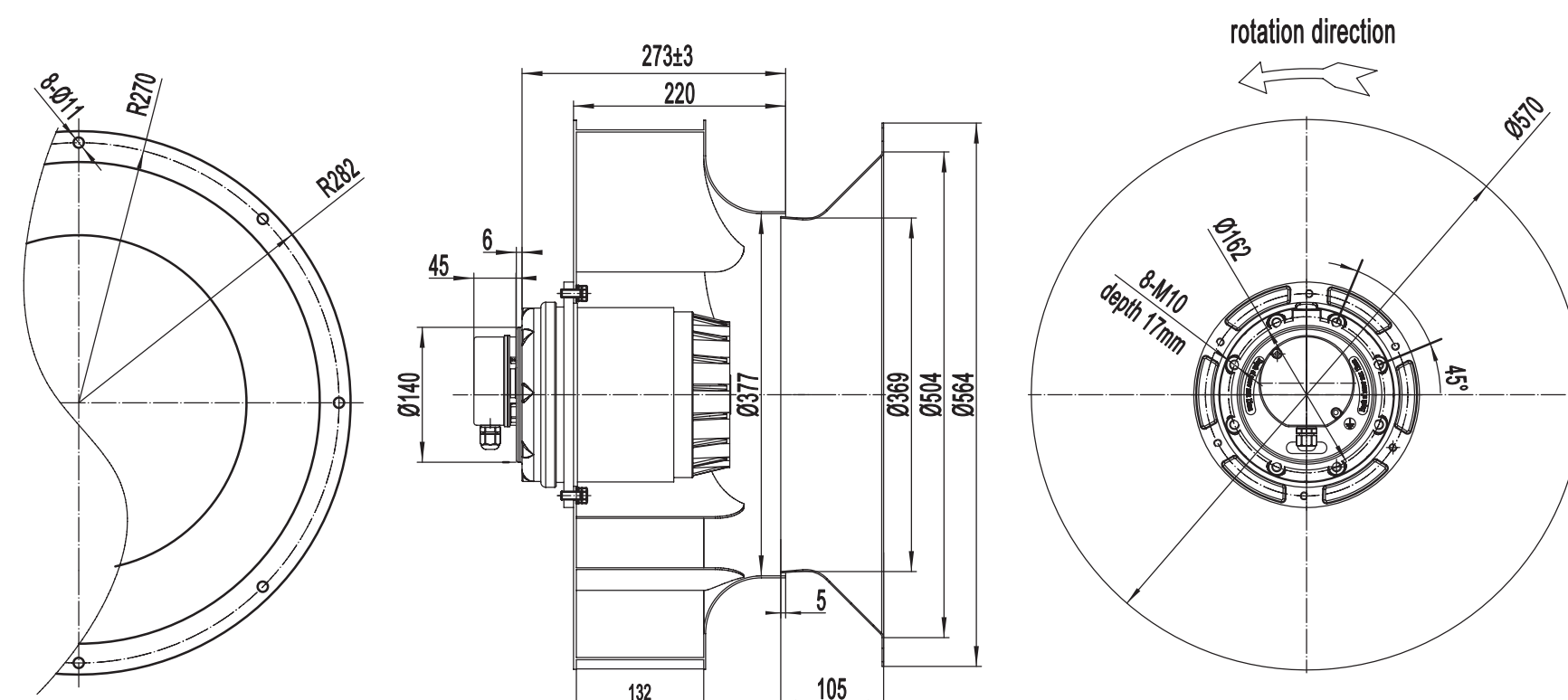
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D560-188NT-03	380	50	2500	4.50	1350	11000	450	85	/	①
LWBA6D560-188NT-04	380	50	900	1.80	910	9000	920	73	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ560



LWBA-560 Series

Product Characteristic

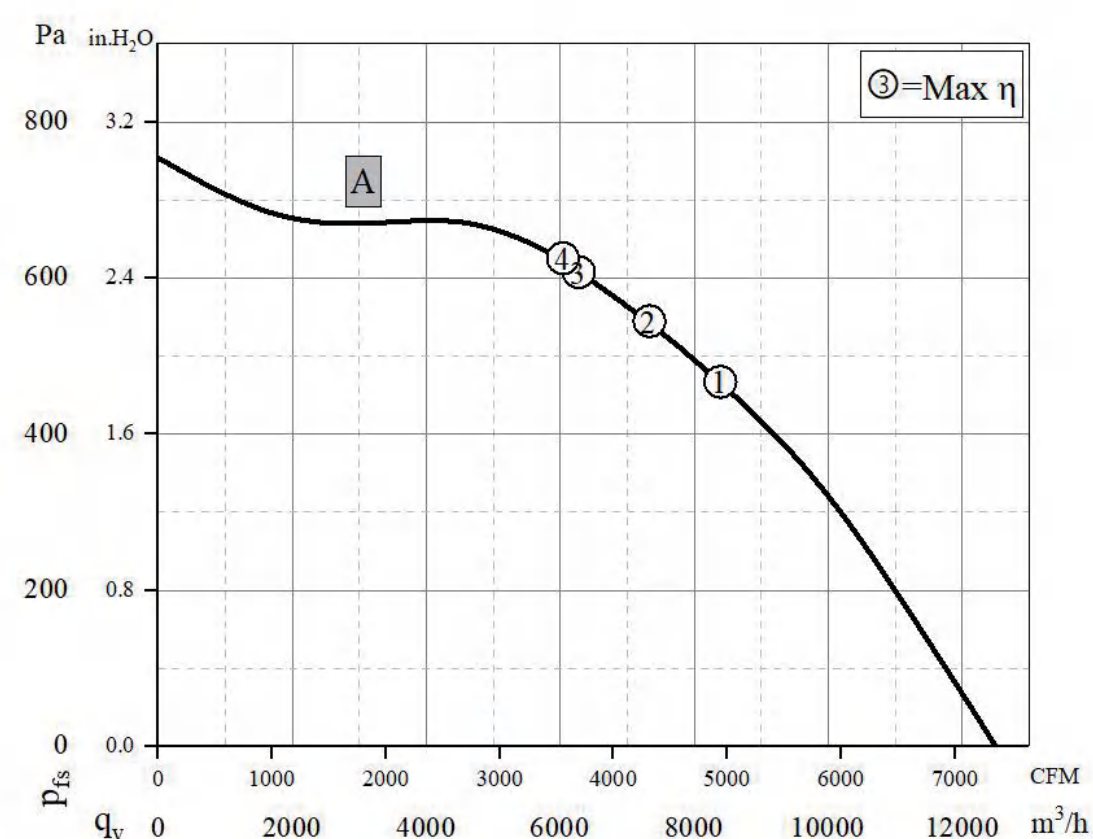
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

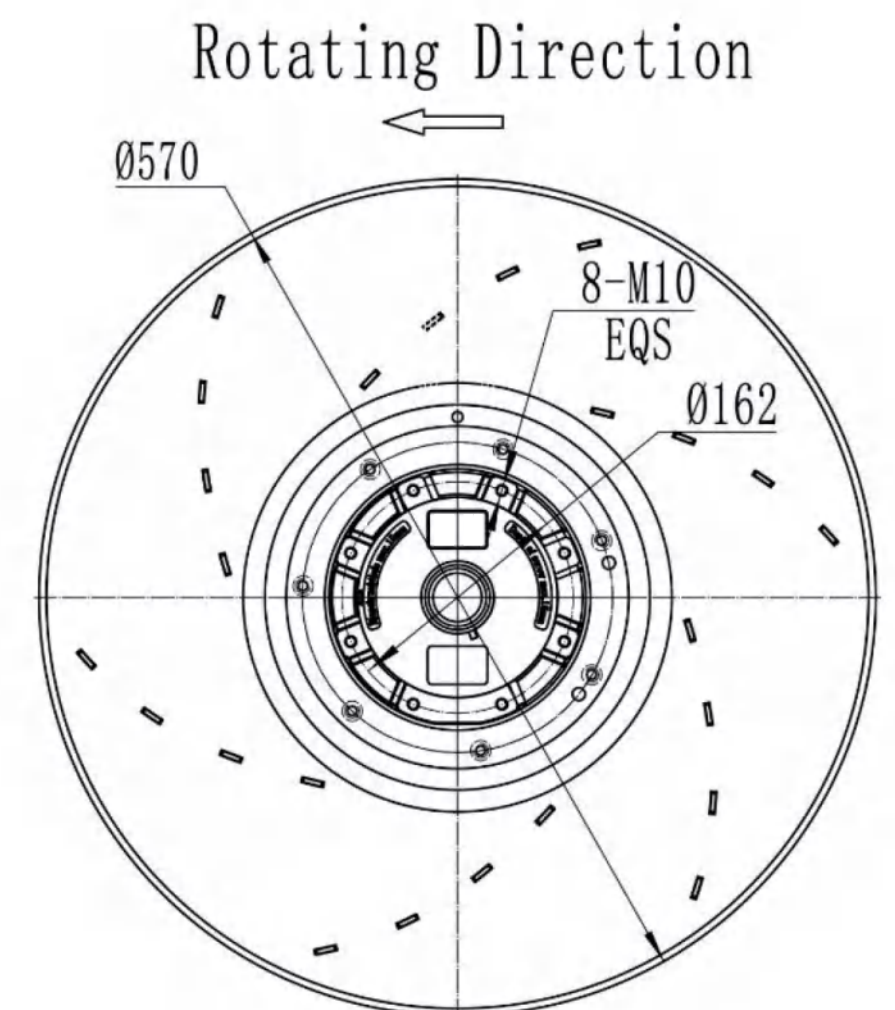
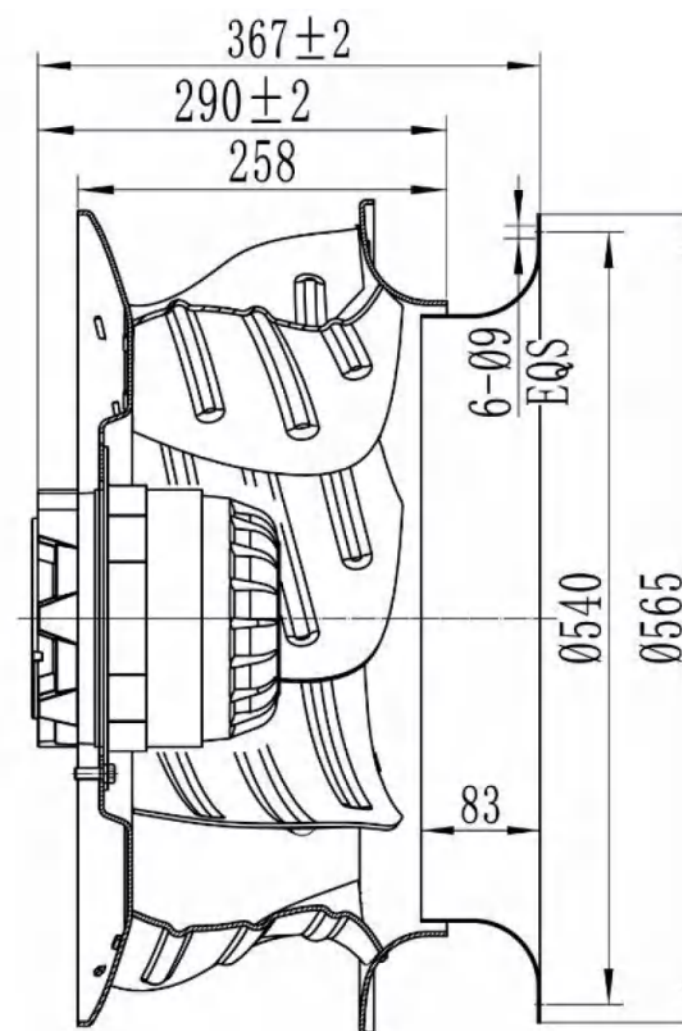
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D560-188NT-05	380	50	1980	3.50	1350	12500	760	83.9	/	A

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ560



LWBA-630 Series

Product Characteristic

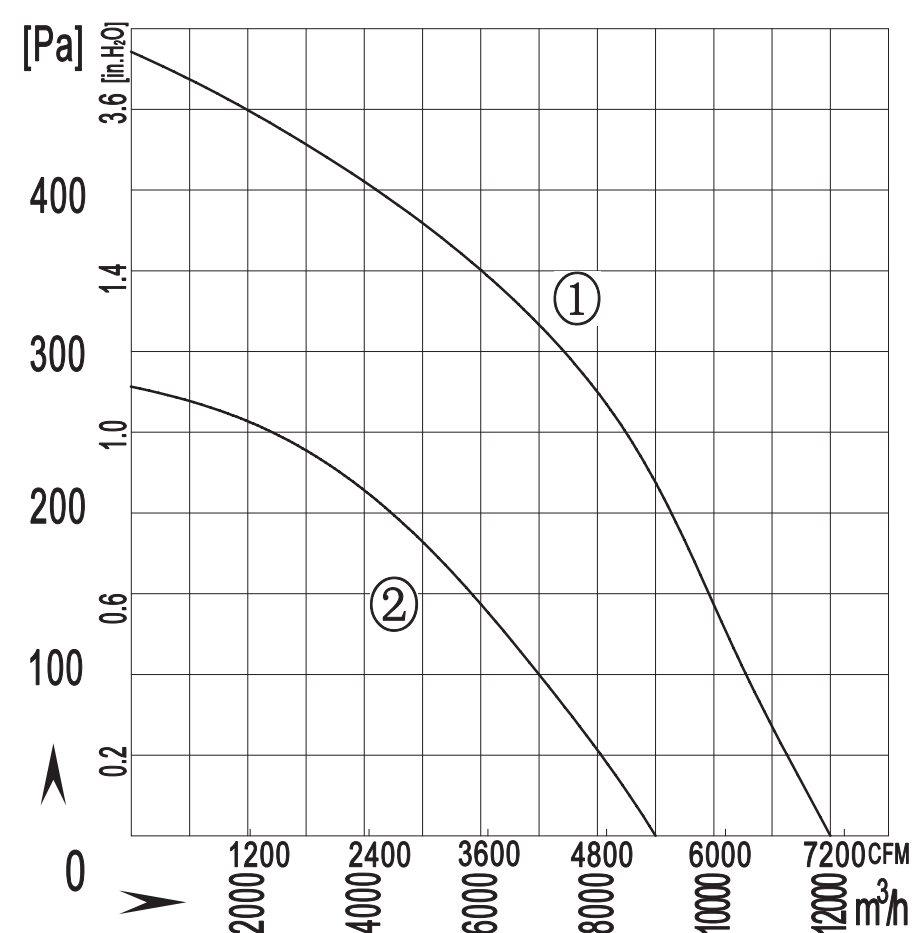
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

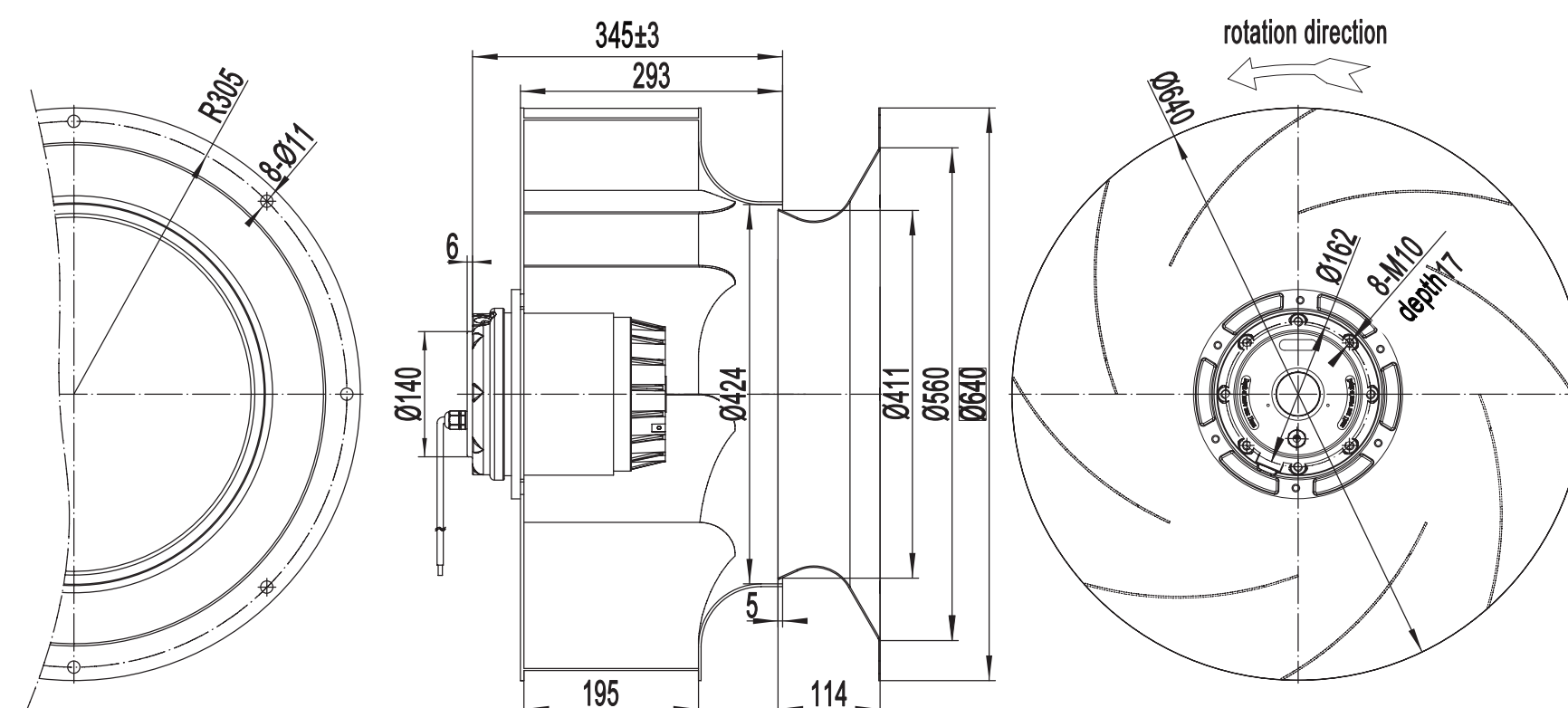
Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA6D630-188NT-01	380	50	1500	3.80	900	12000	280	80	/	①
LWBA8D630-188NT-02	380	50	700	1.70	700	9000	480	72	/	②

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ630



LWBA-630 Series

Product Characteristic

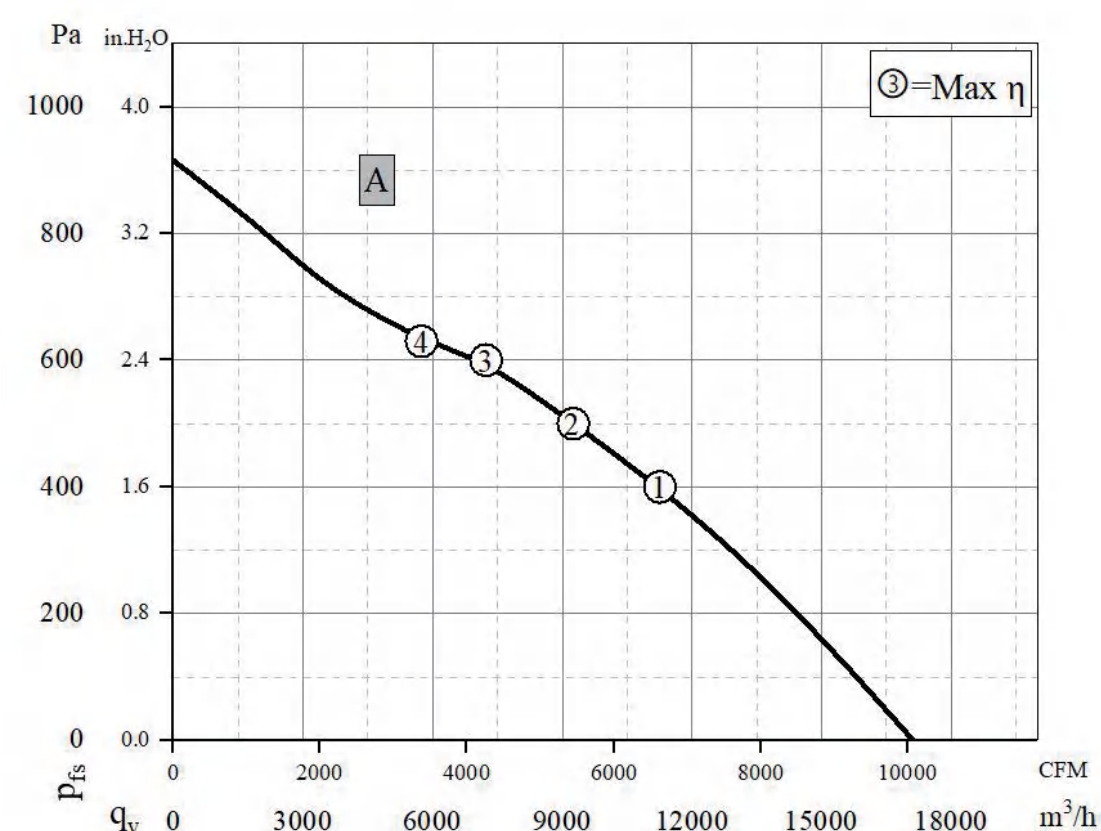
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise,seen on rotor
- Mode of operation: S1
- Type of protection: IP 54
- Insulation class: F
- Bearing: Ball bearings
- Operation Temperature: -40~+65 C



Technical Specifications

Model	Voltage	Frequency	Power	Current	Speed	Air Flow	Air Pressure	Noise	Capacitor	Curve
	V	Hz	W	A	RPM	m³/h	Pa	dB(A)	uF	
LWBA4D630-188NT-03	380	50	3320	5.87	1210	17100	860	86.9	/	A

Flow Rate Curve



Product Drawing

AC Backward curved Centrifugal Fan Φ630

