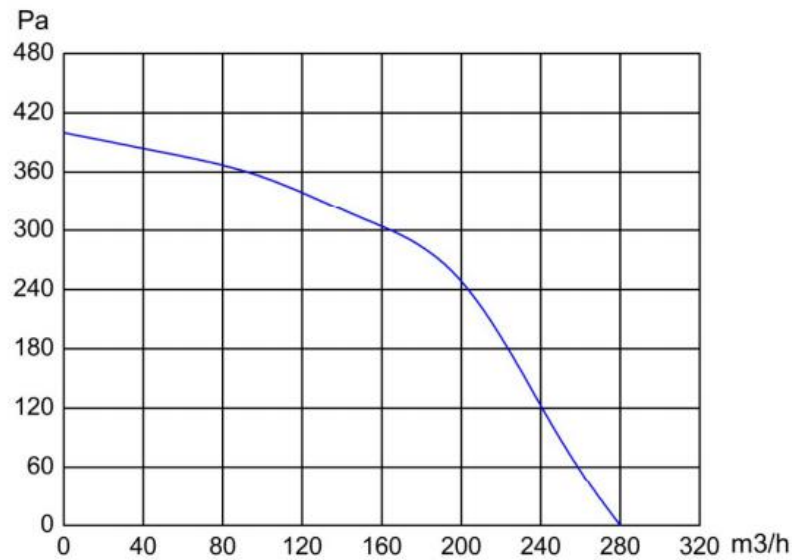


EC CENTRIFUGAL FAN

LWBE3G133-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

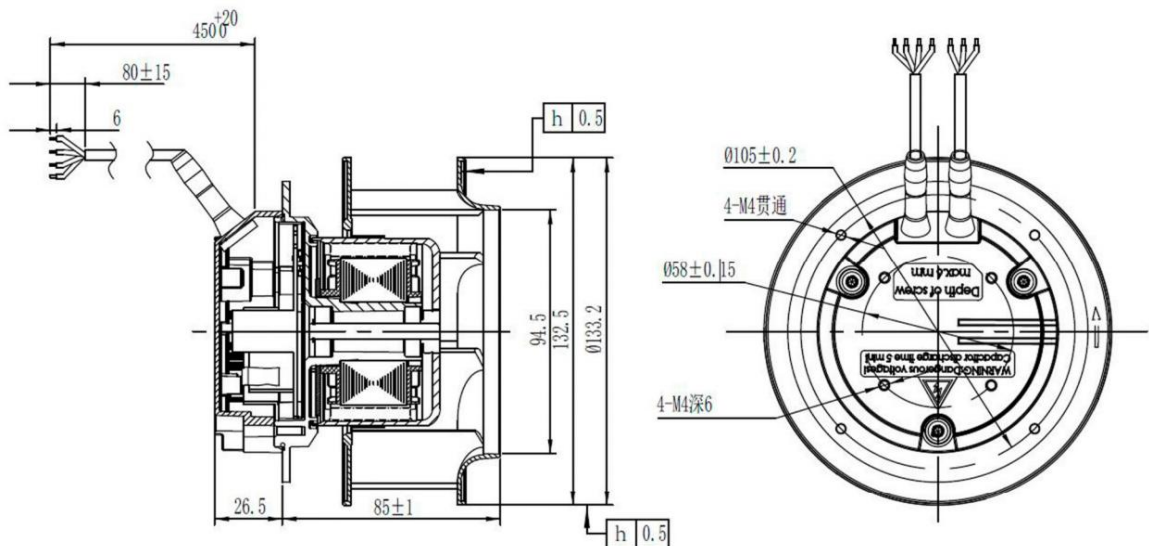
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G133-072NS-001	Ball	230	200-277	0.35	45	4480	270	400	73



EC Backward curved Centrifugal Fans

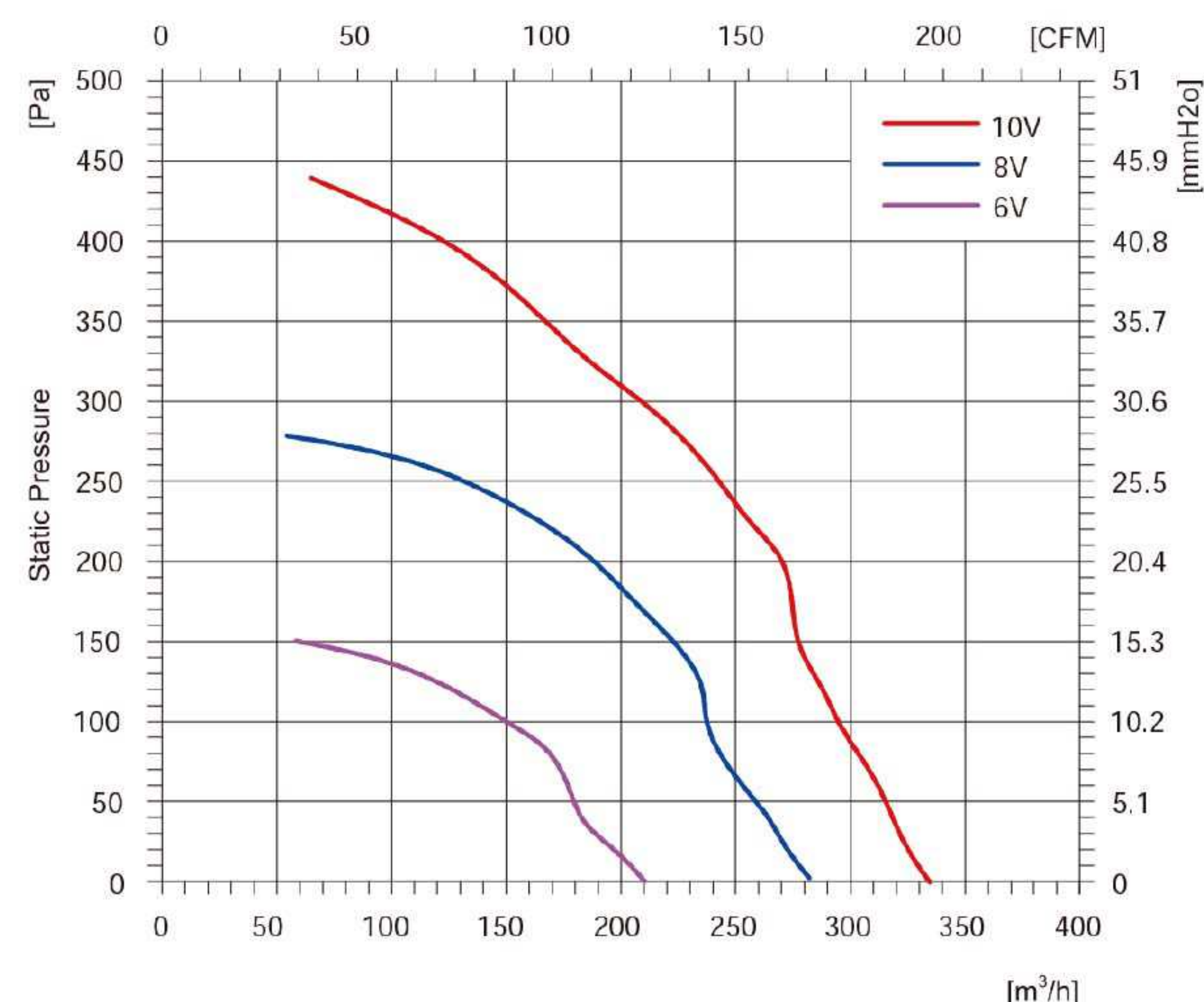
Product Characteristic

Ø133

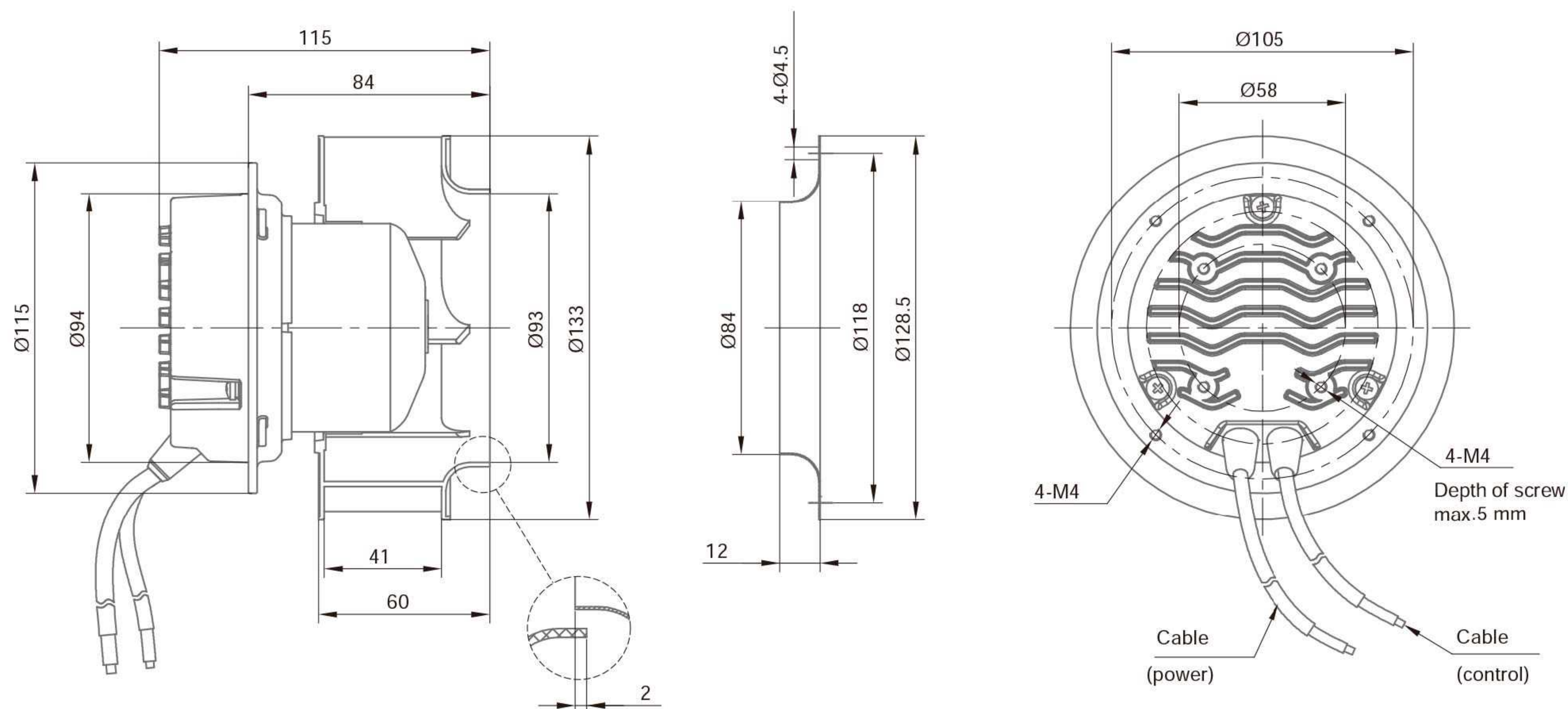


- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G133-072NS-002	230V	50/60Hz	47W	0.39A	335m³/h	4450RPM	64dB(A)	1.2kg

EC Backward curved Centrifugal Fans

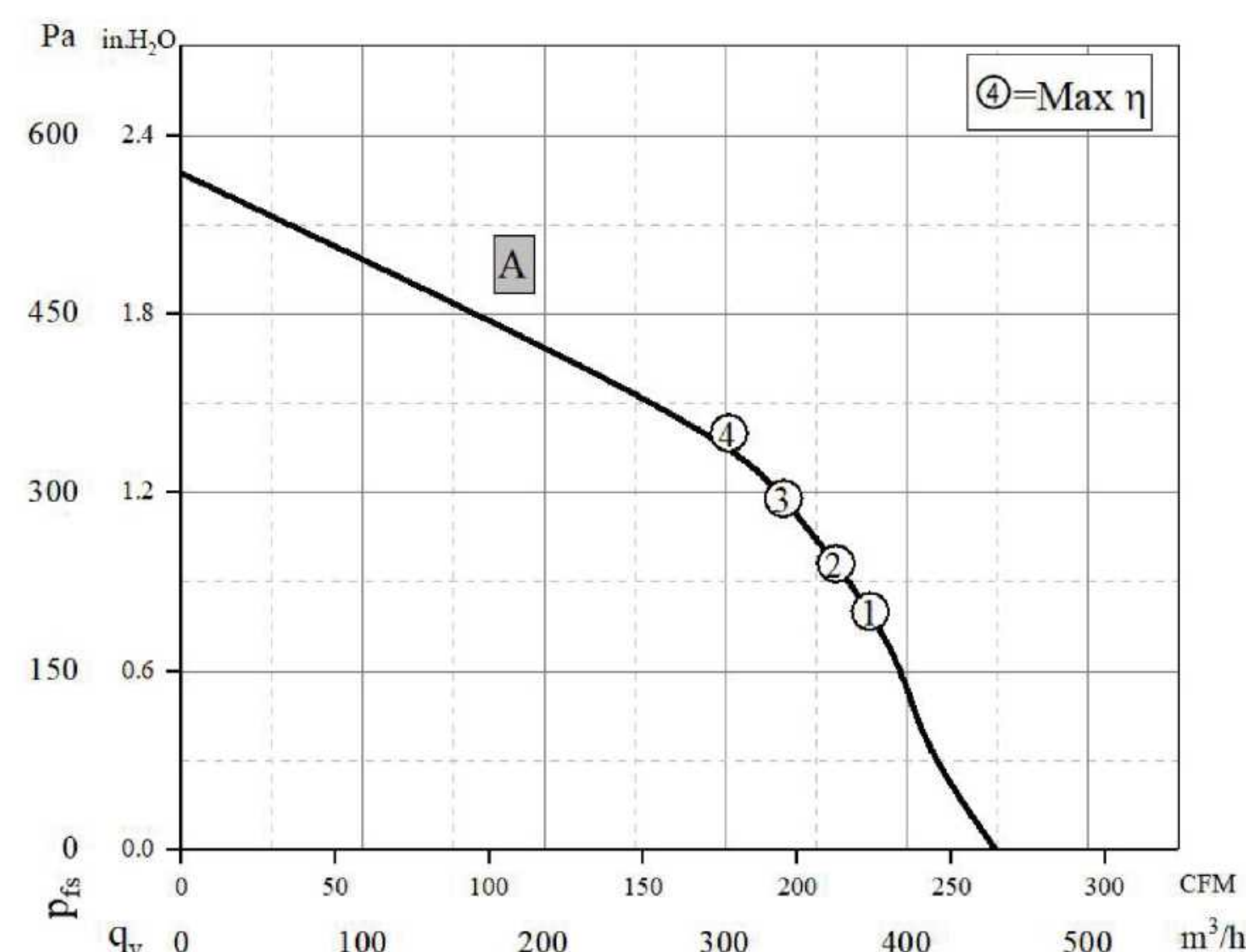
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Technical feature: Control input 0-10VDC/PWM
- Type of protection: IP 53
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Approval: CCC, CE, UL
- Amb.Temp: -25~+60 °C

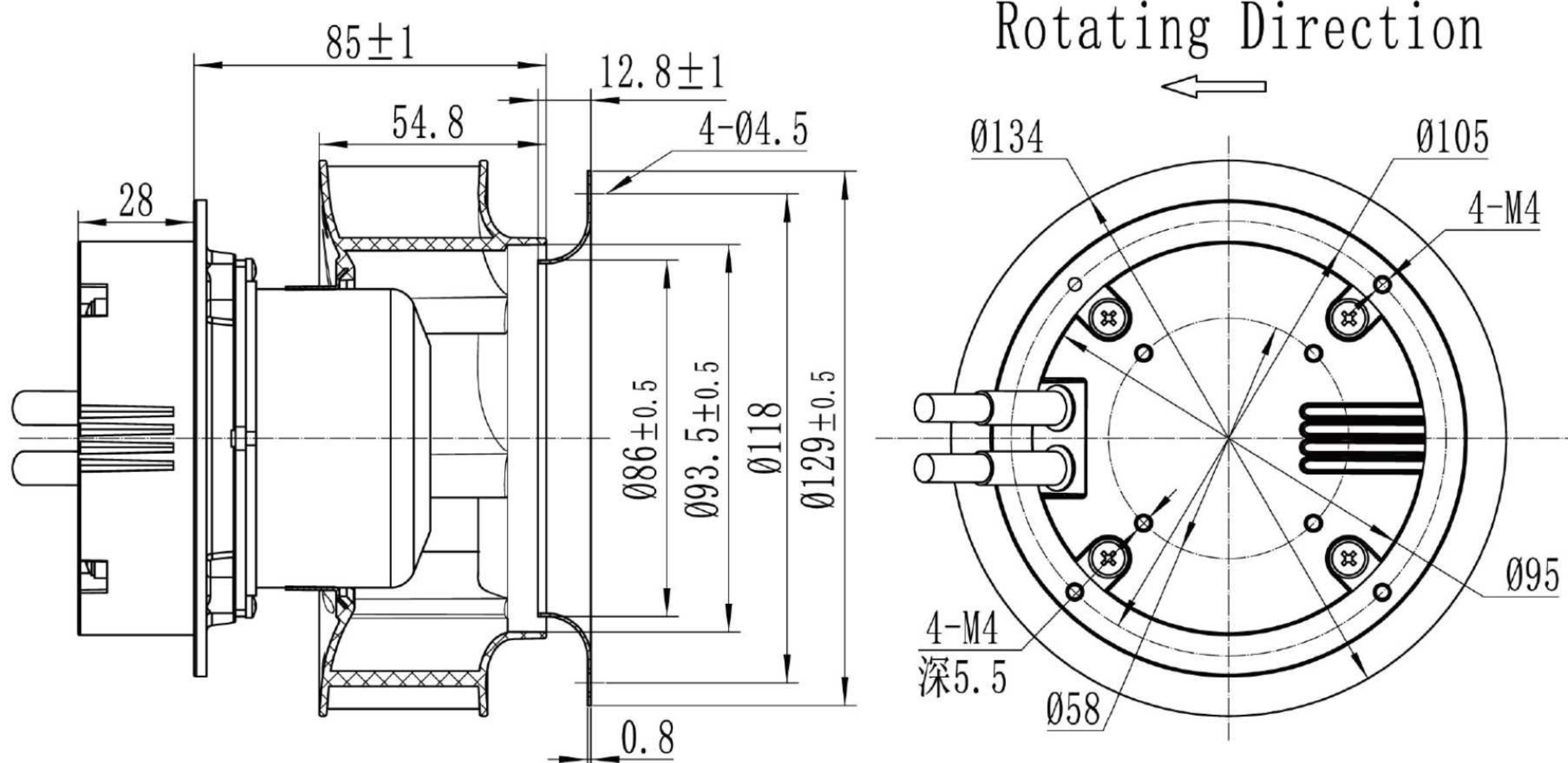
Ø133



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Curve	Voltage	Frequency	Pst	Air Volume	Speed	Power	Noise
LWBE3G133-072NS-002	A	230V	50/60Hz	0Pa	450m³/h	5220RPM	72W	/

EC Backward Curved Centrifugal fans

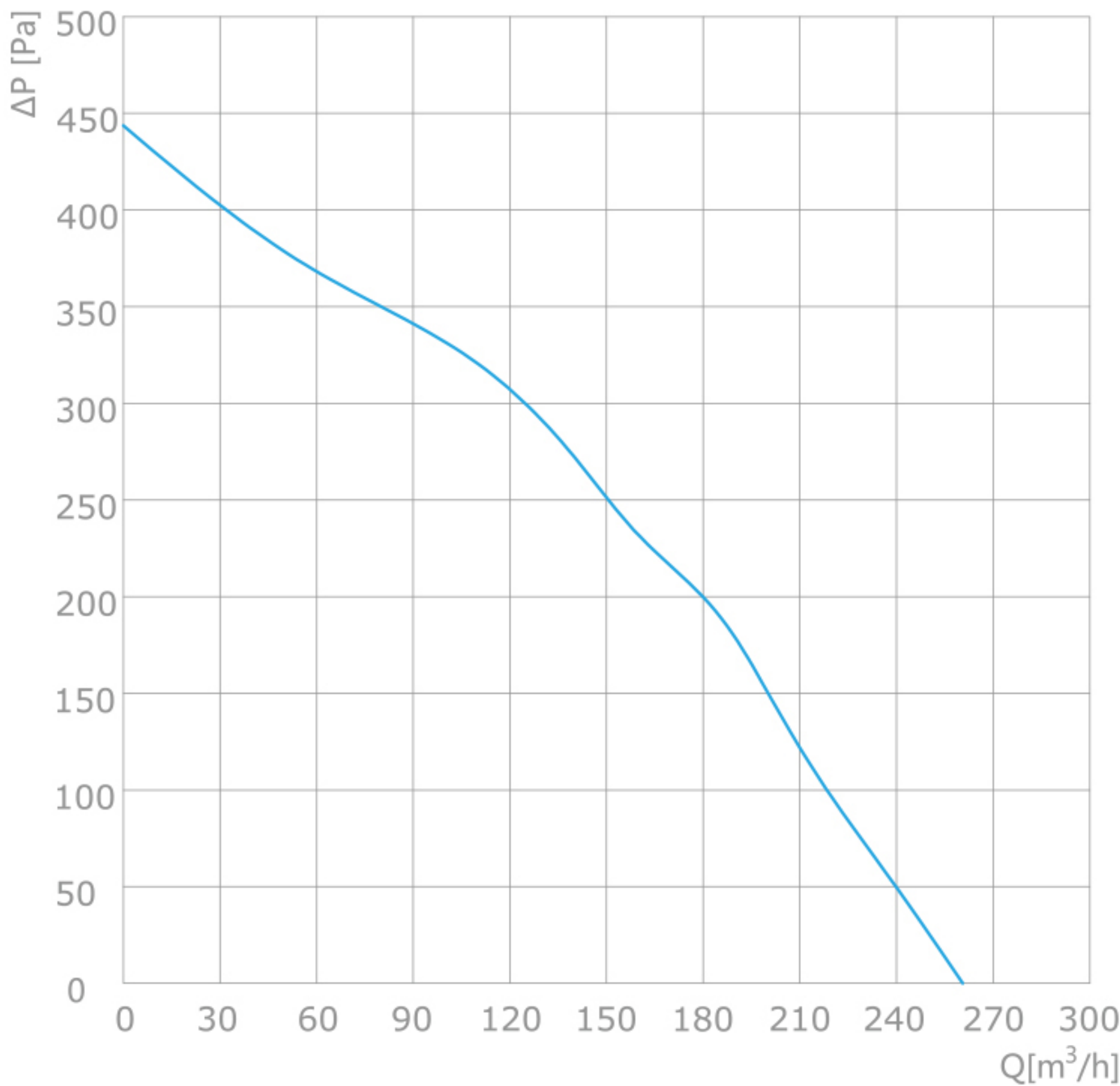
Product Characteristic

Ø133

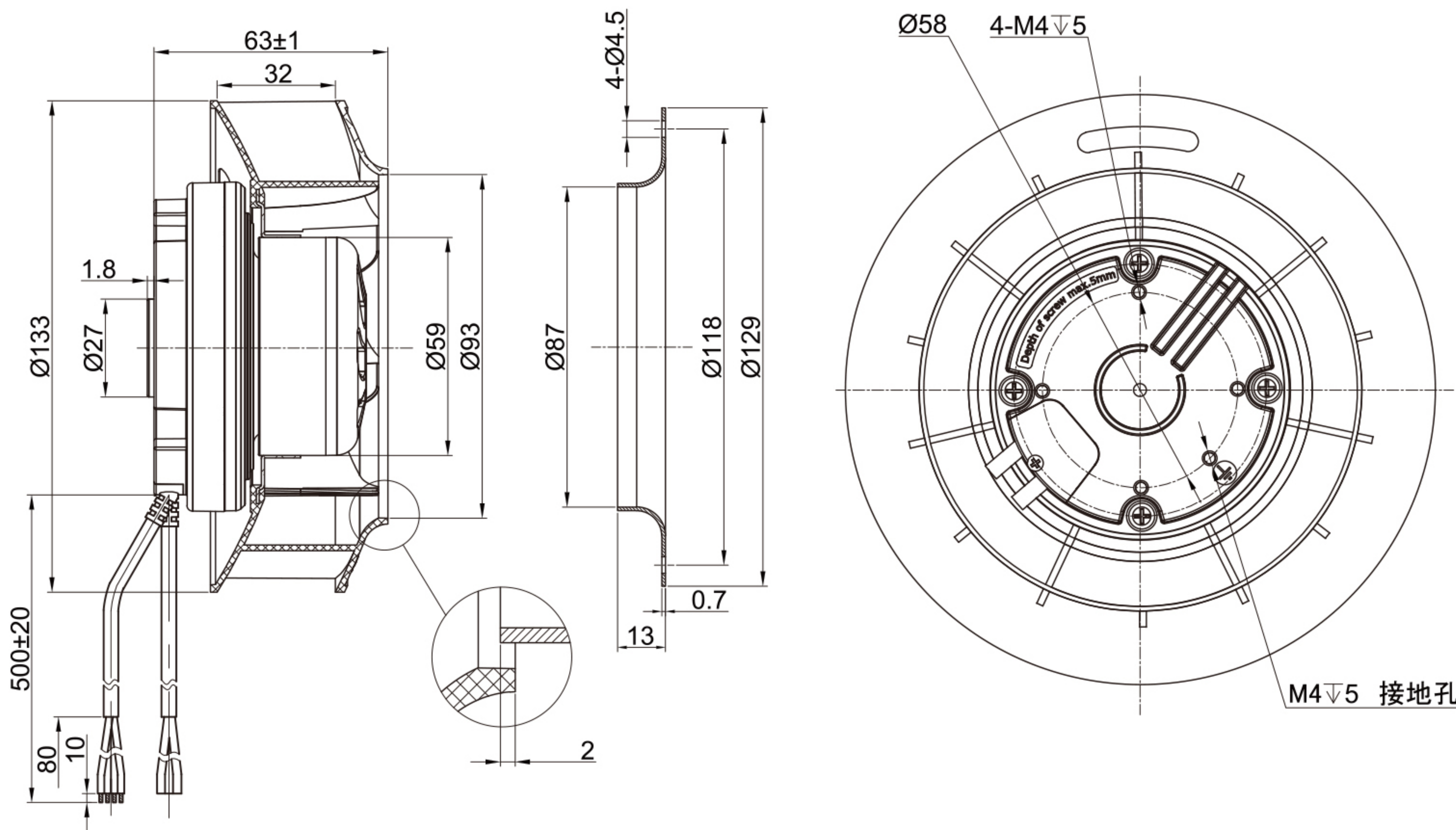


- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G133-072NS-004	230V	50/60Hz	3800RPM	30W	0.23A	63dB(A)	-25℃~+60℃

EC Backward Curved Centrifugal fans



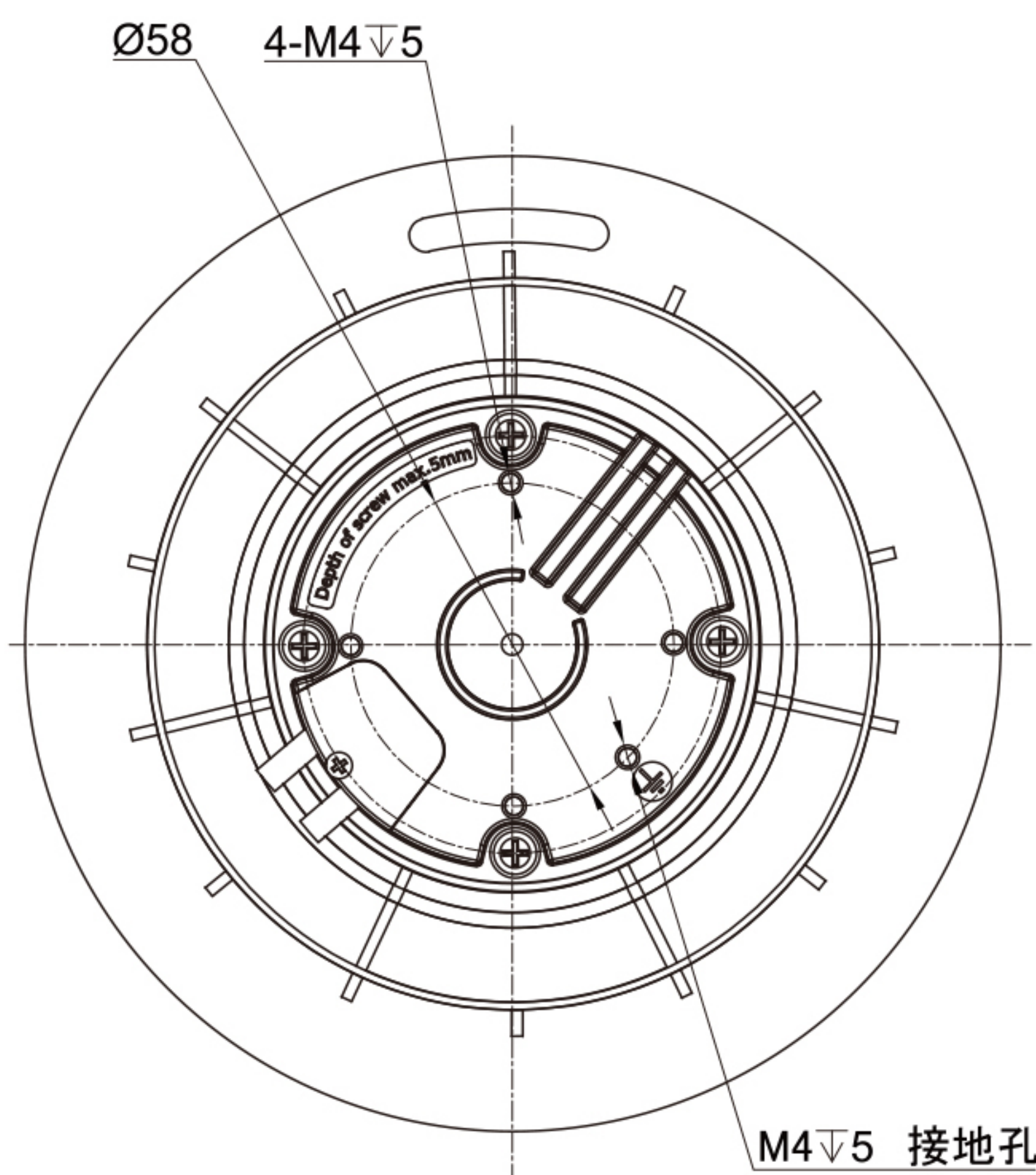
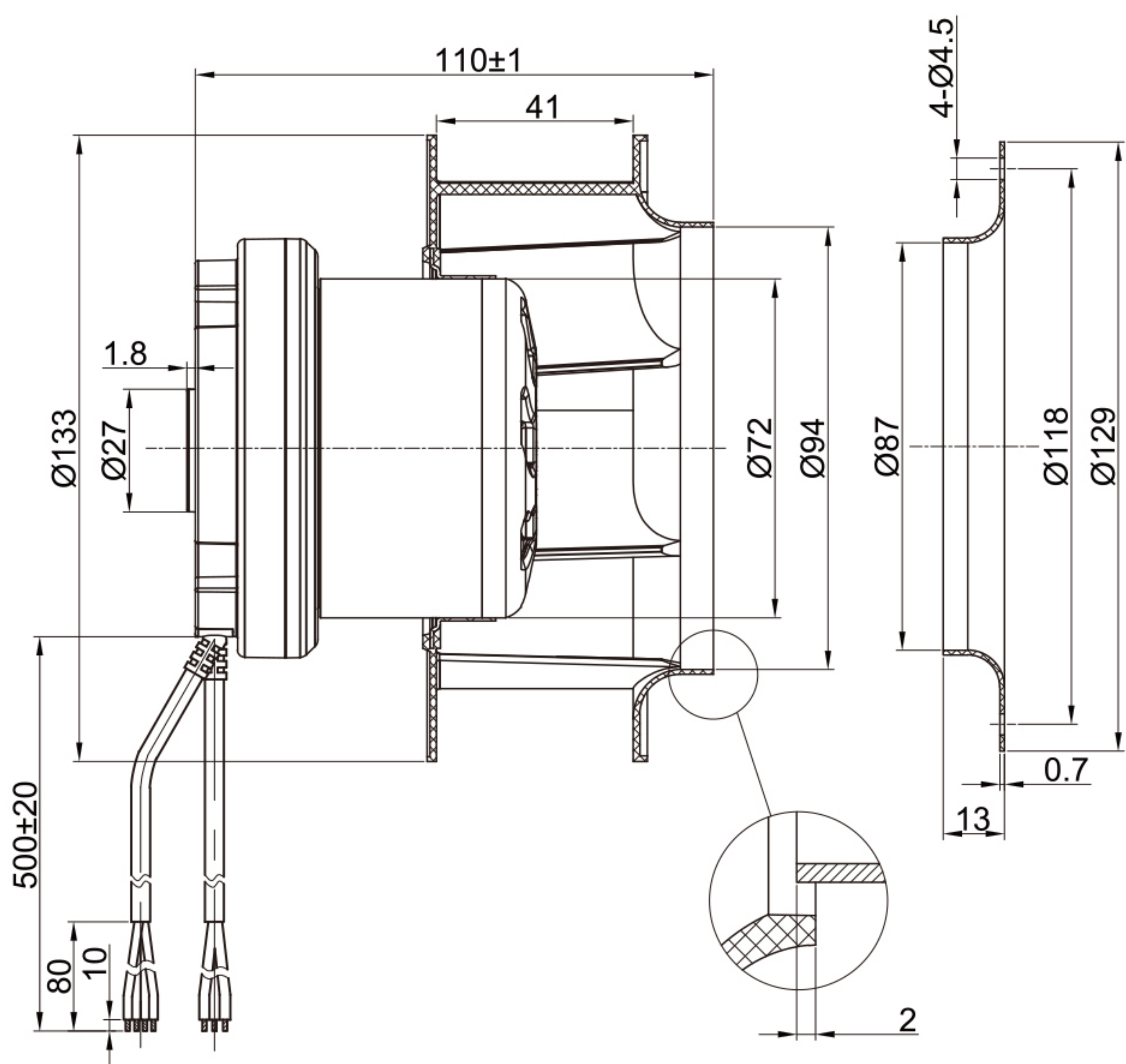
Product Characteristic

Ø133

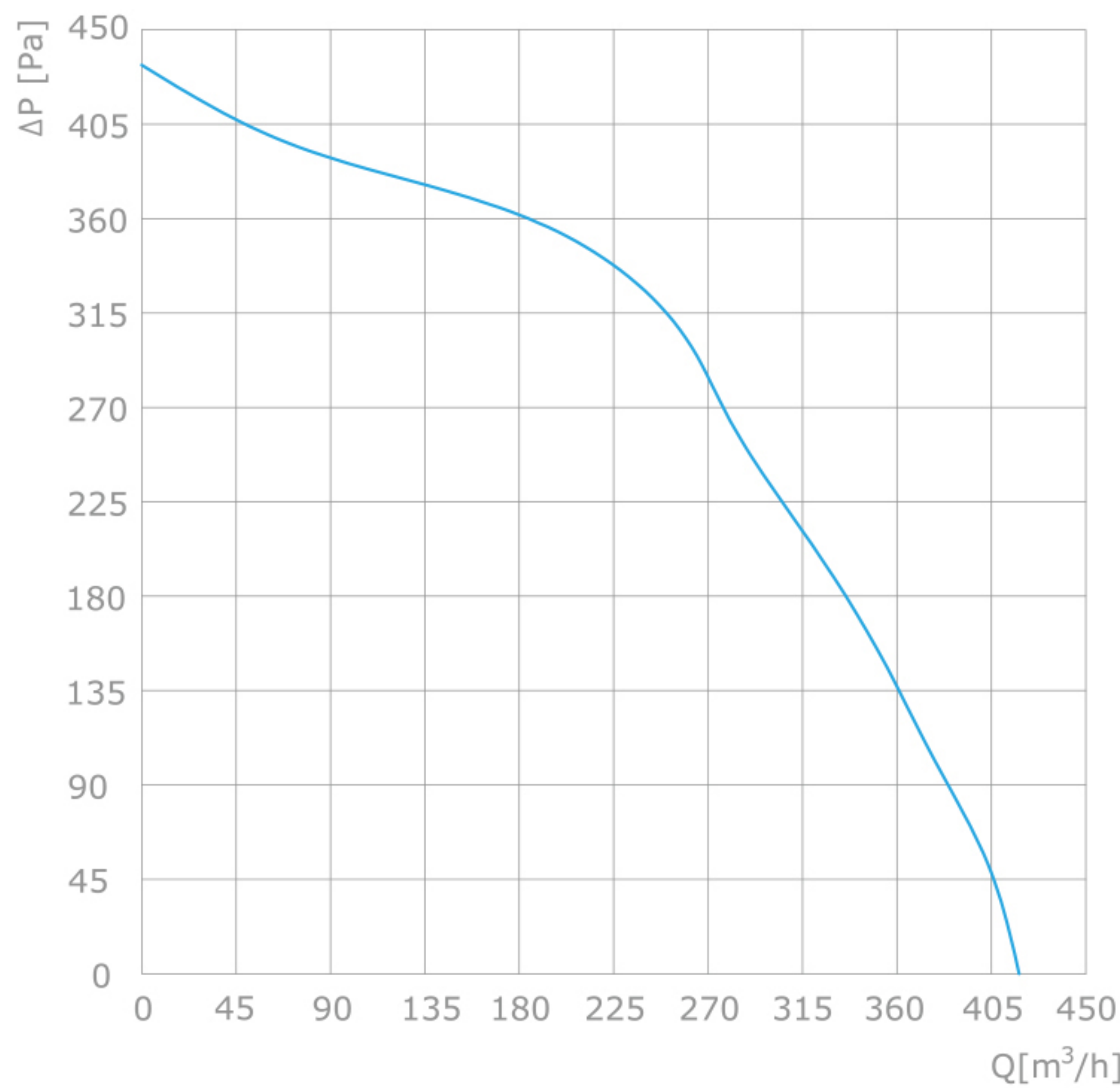
- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection



Product Drawing



Flow Rate Curve

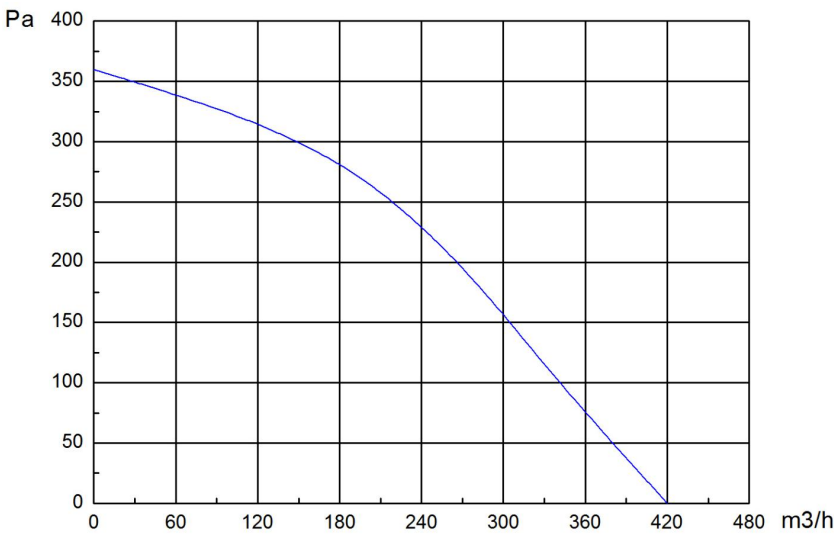


Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G133-072NS-005	230V	50/60Hz	4400RPM	53W	0.38A	70dB(A)	-25℃~+60℃

EC CENTRIFUGAL FAN

LWBE3G155-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

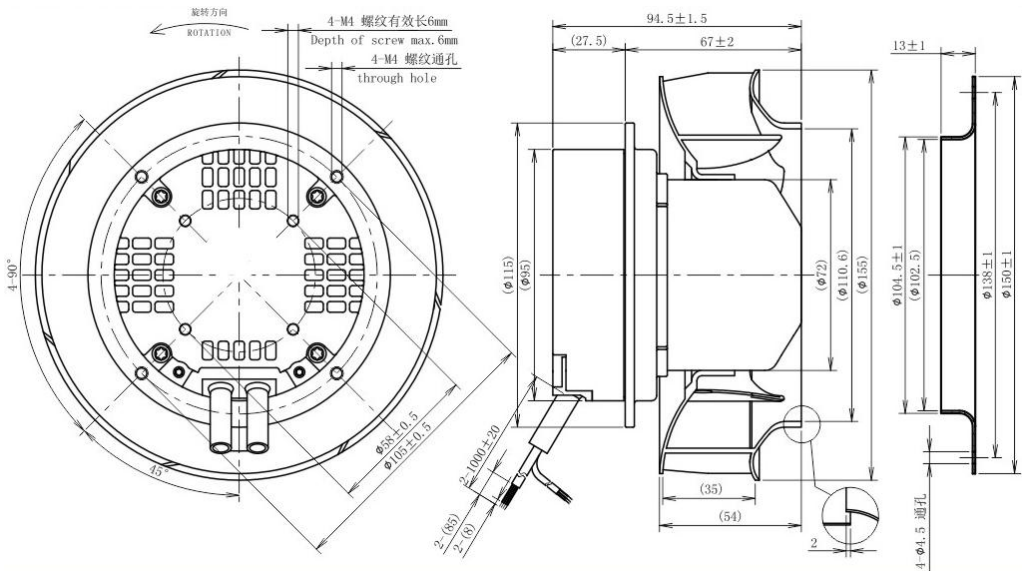
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

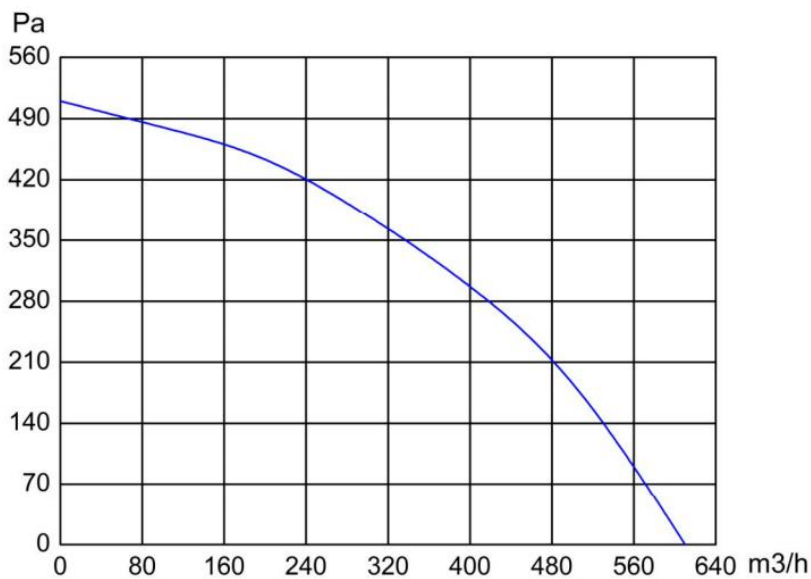
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G155-072NS-001	Ball	230	200-277	0.3	40	3570	420	370	63



EC CENTRIFUGAL FAN

LWBE3G175-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

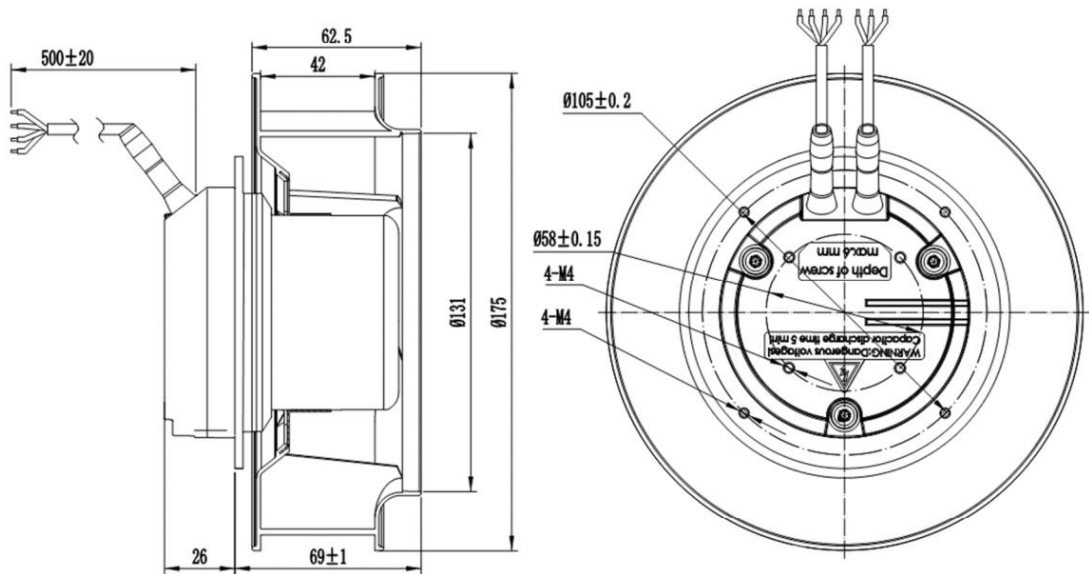
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G175-072NS-001	Ball	230	200-277	0.6	78	4070	660	510	73



EC Backward Curved Centrifugal fans



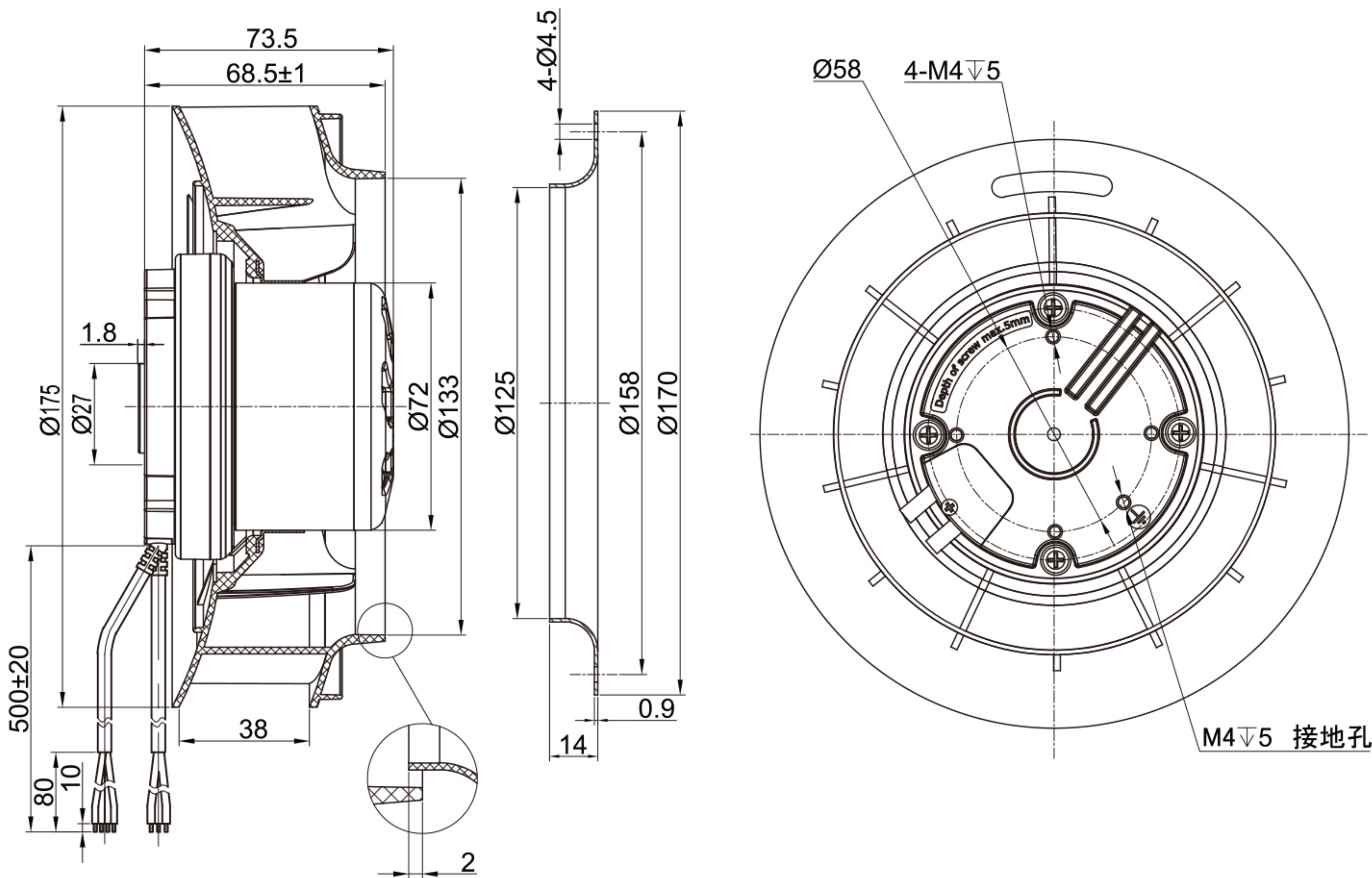
Product Characteristic

Ø175

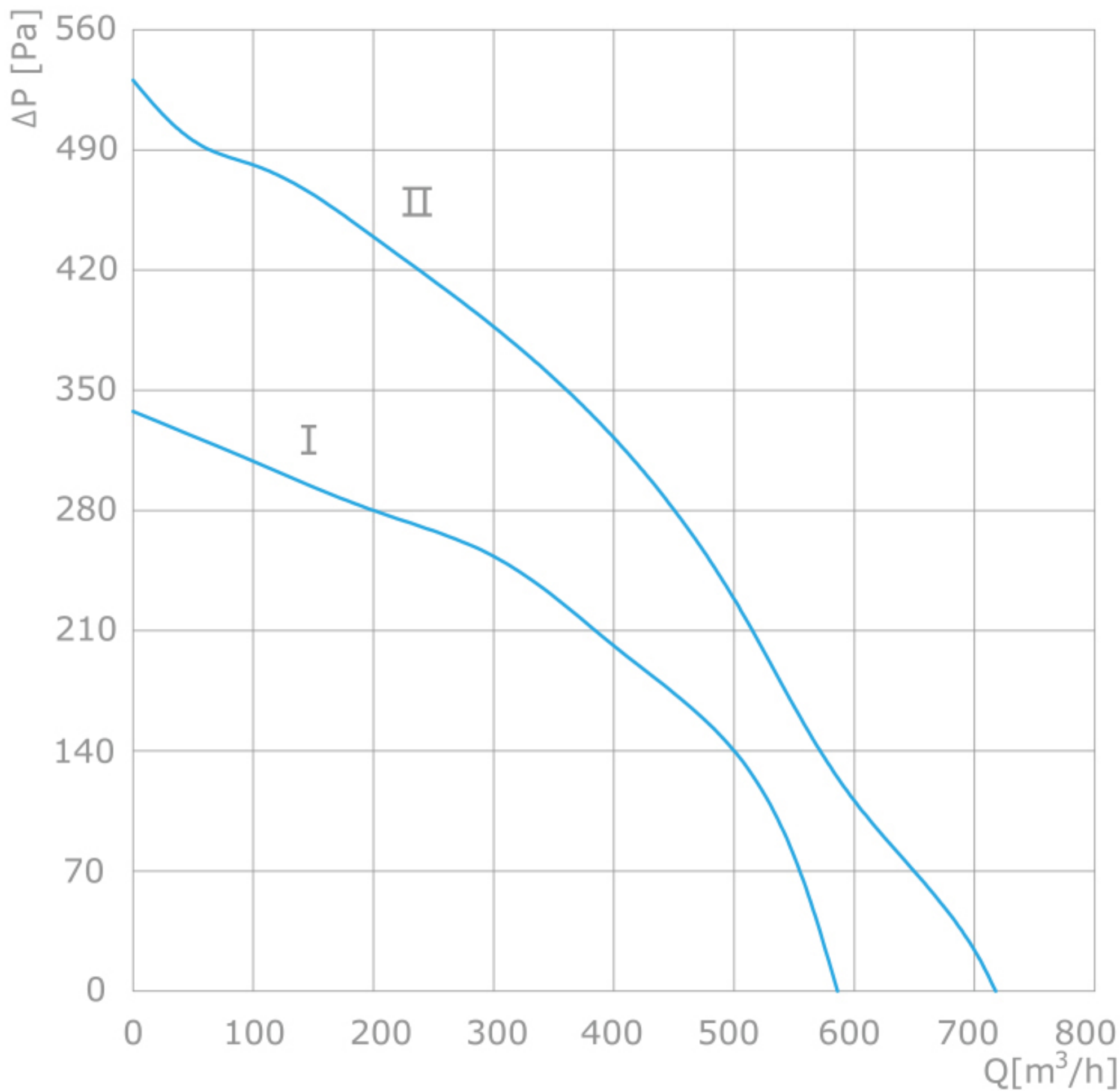
- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection



Product Drawing



Flow Rate Curve



Technical Specifications

Model	Curve	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G175-072NS-002	I	230V	50/60Hz	3110RPM	49W	0.38A	67dB(A)	-25℃~+60℃
LWBE3G175-072NS-003	II	230V	50/60Hz	3300RPM	85W	0.65A	72dB(A)	-25℃~+60℃

EC Backward curved Centrifugal Fans

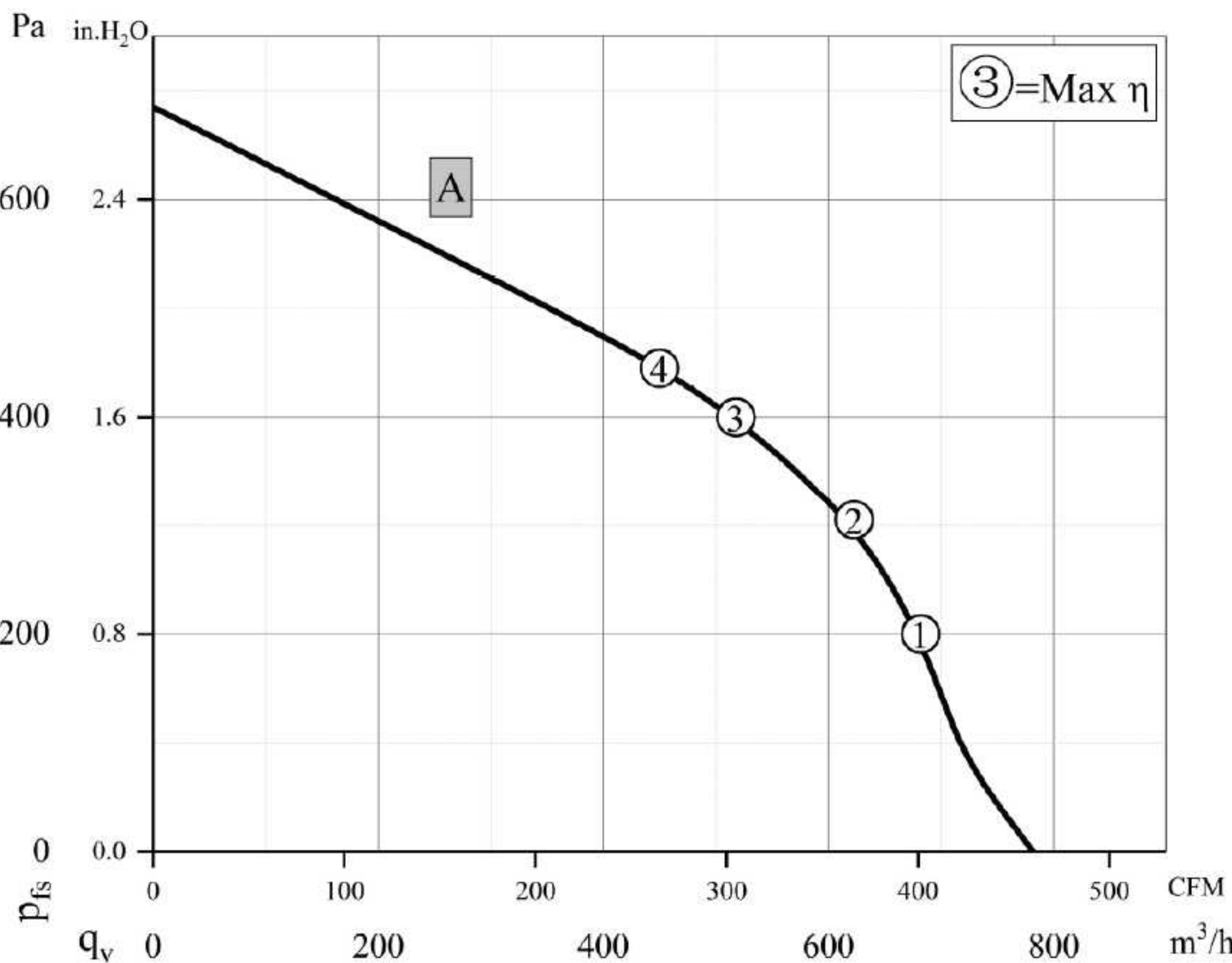


Product Characteristic

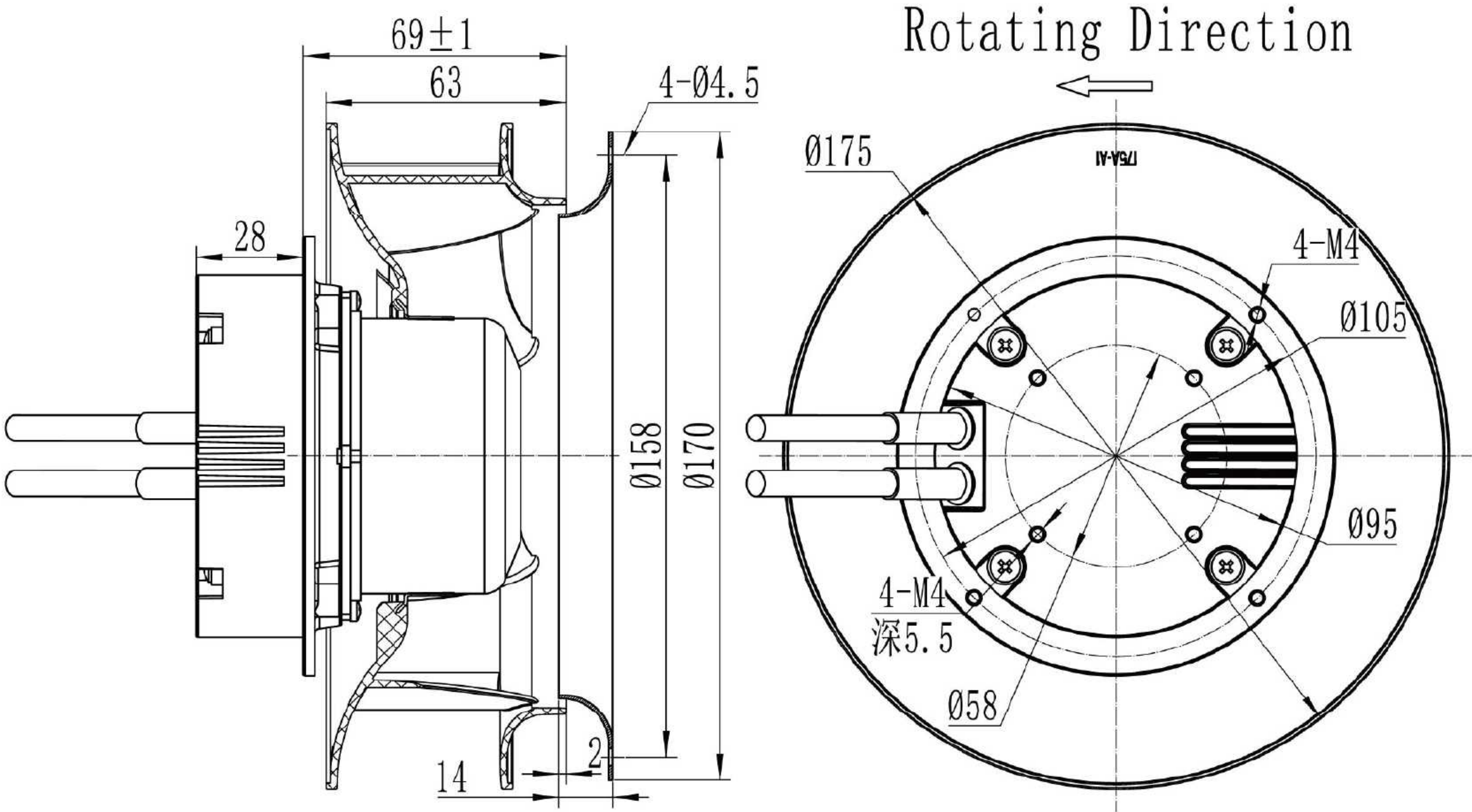
Ø175

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Technical feature: Control input 0-10VDC/PWM
- Type of protection: IP 53
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Approval: CCC,CE,UL
- Amb.Temp: -25~+60℃

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Curve	Voltage	Frequency	Pst	Air Volume	Speed	Power	Noise
LWBE3G175-072NS-004	A	230V	50/60Hz	0Pa	780m³/h	4450RPM	97W	/

EC Backward curved Centrifugal Fans

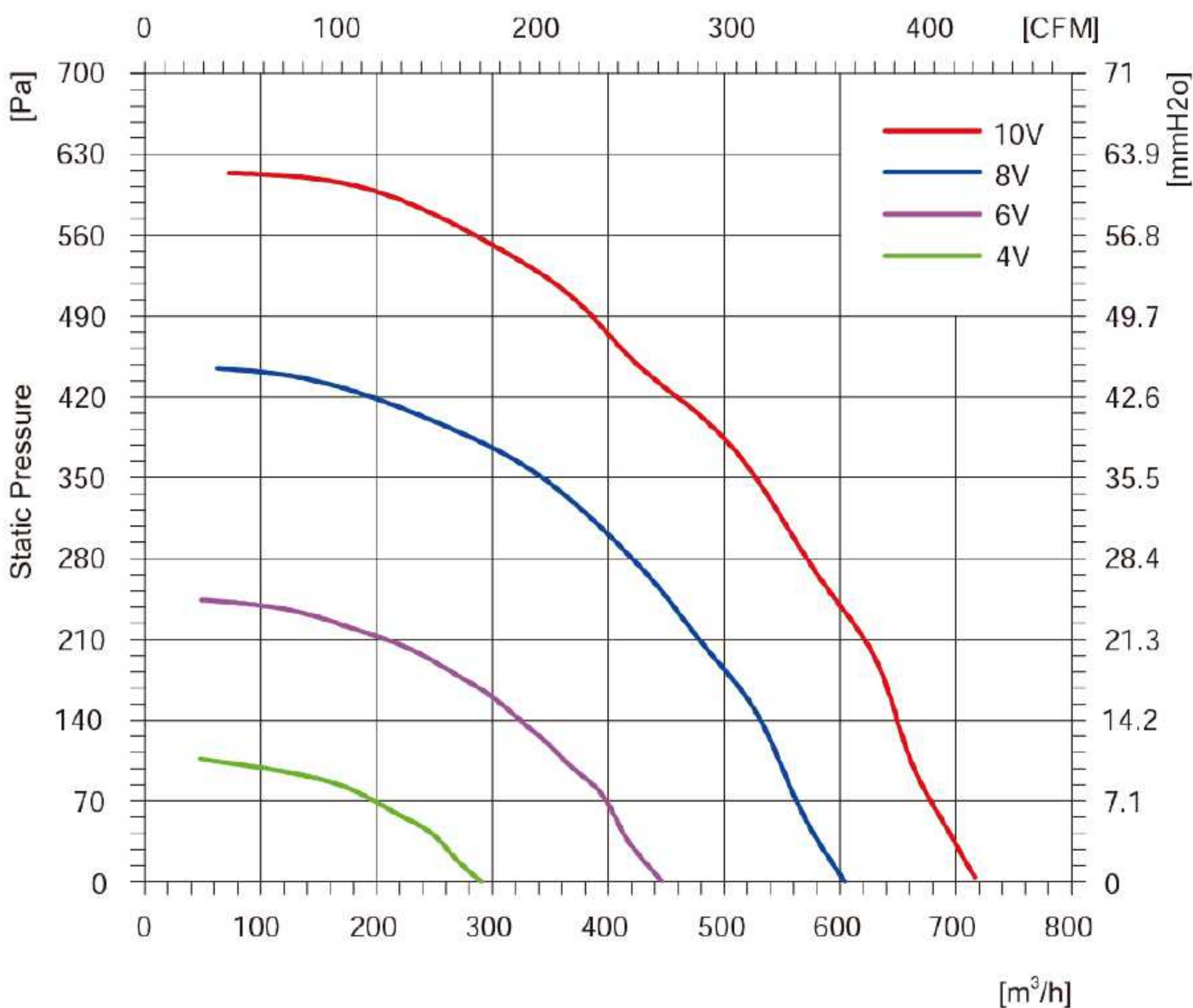


Product Characteristic

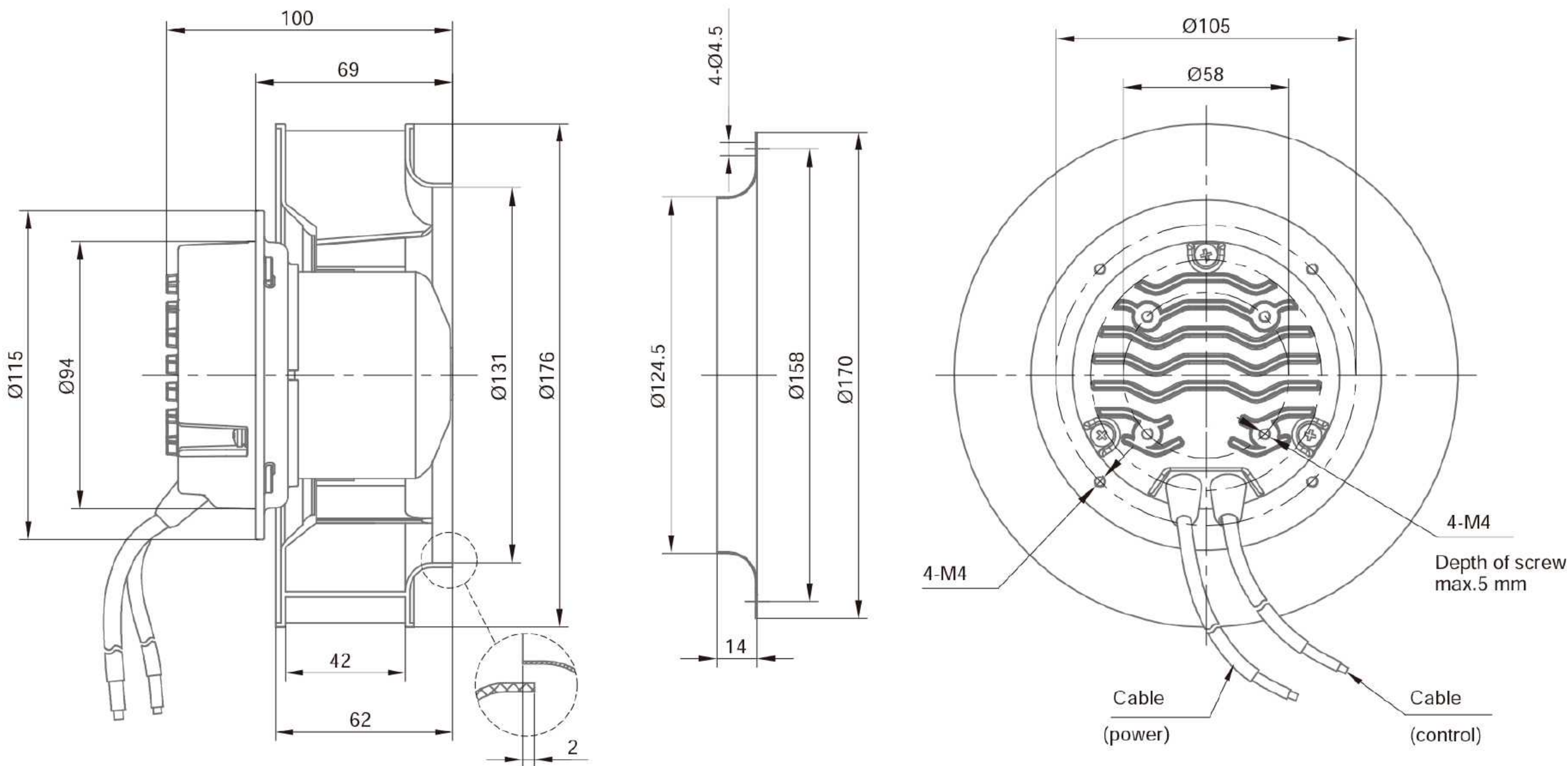
Ø175

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G175-072NS-005	230V	50/60Hz	125W	1.0A	720m³/h	4420RPM	75dB(A)	1.3kg

EC Backward Curved Centrifugal fans

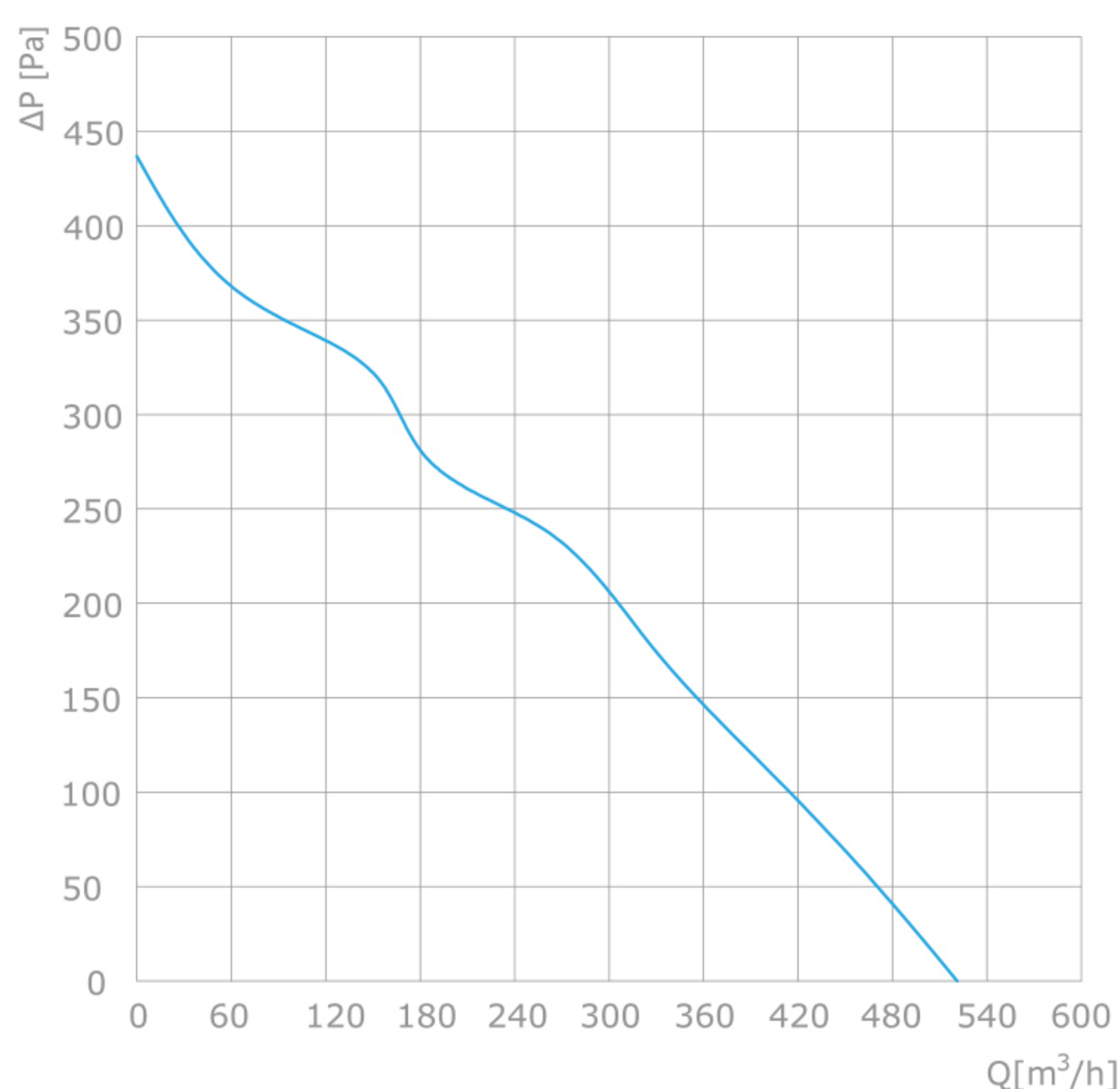
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

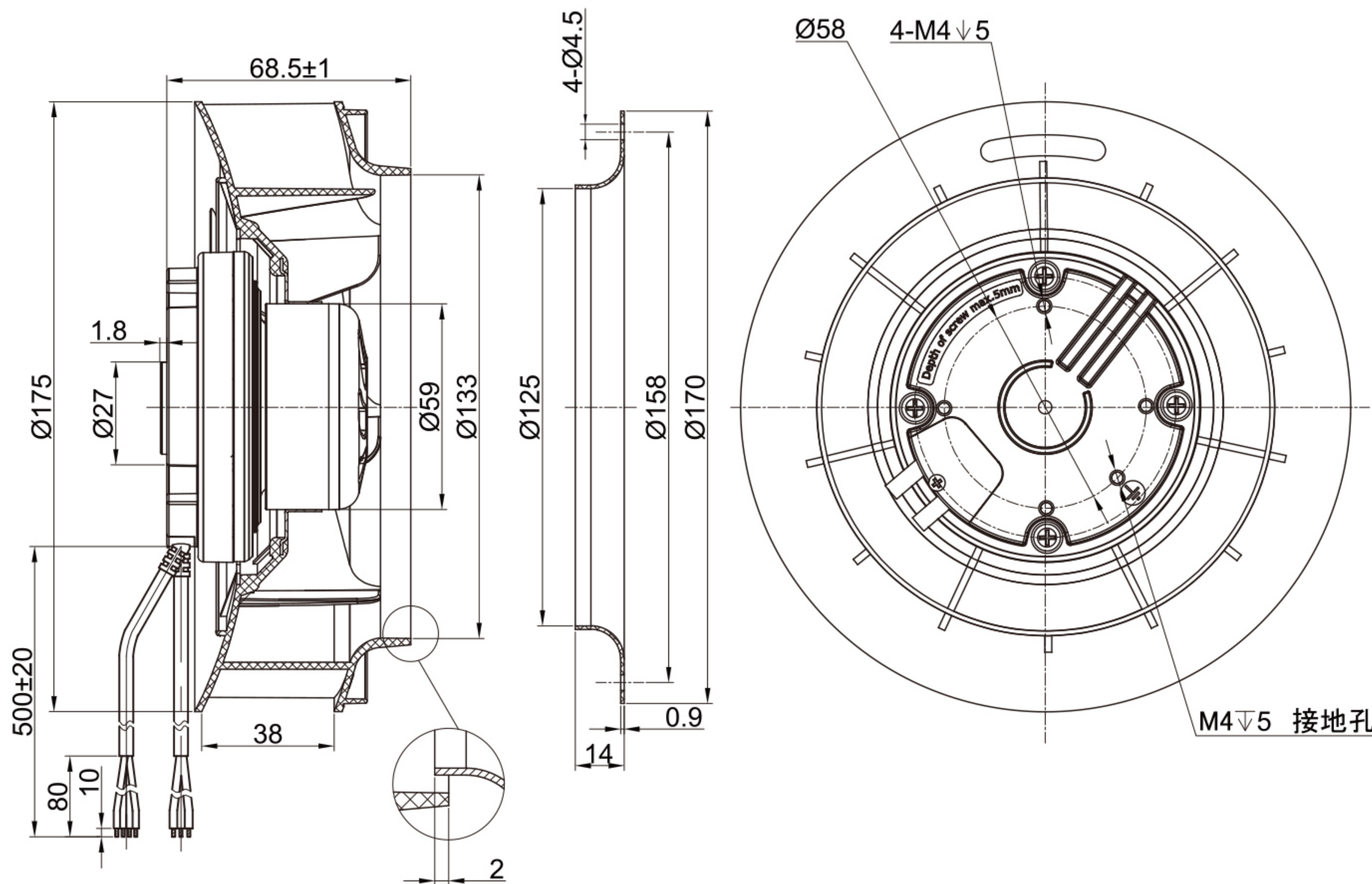
Ø175



Flow Rate Curve



Product Drawing

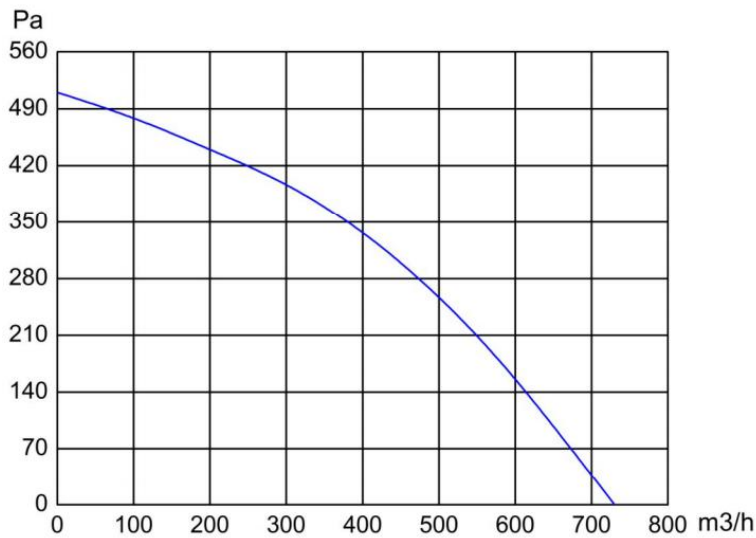


Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G175-072NS-006	230V	50/60Hz	2800RPM	55W	0.4A	65dB(A)	-25℃~+60℃

EC CENTRIFUGAL FAN

LWBE3G190-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

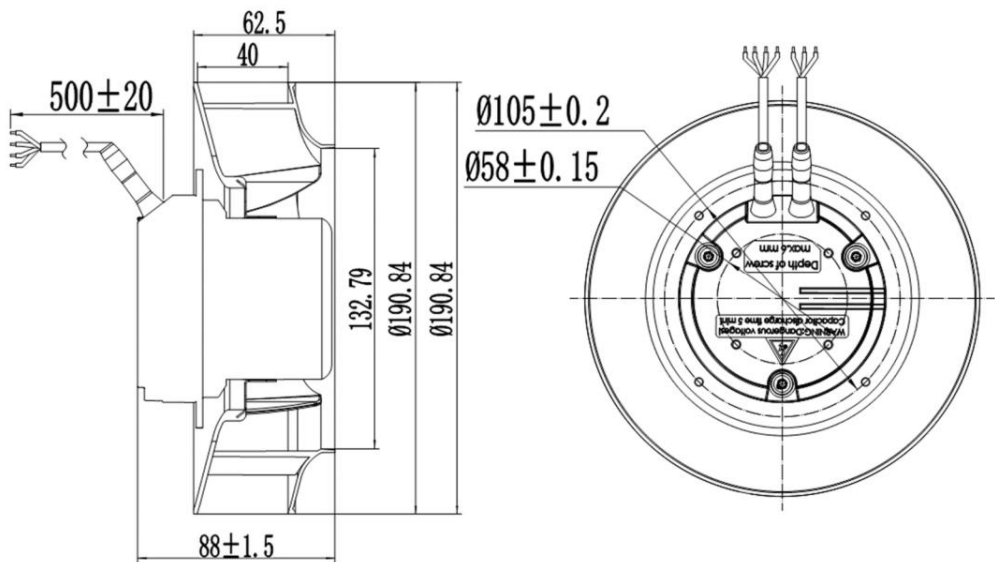
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

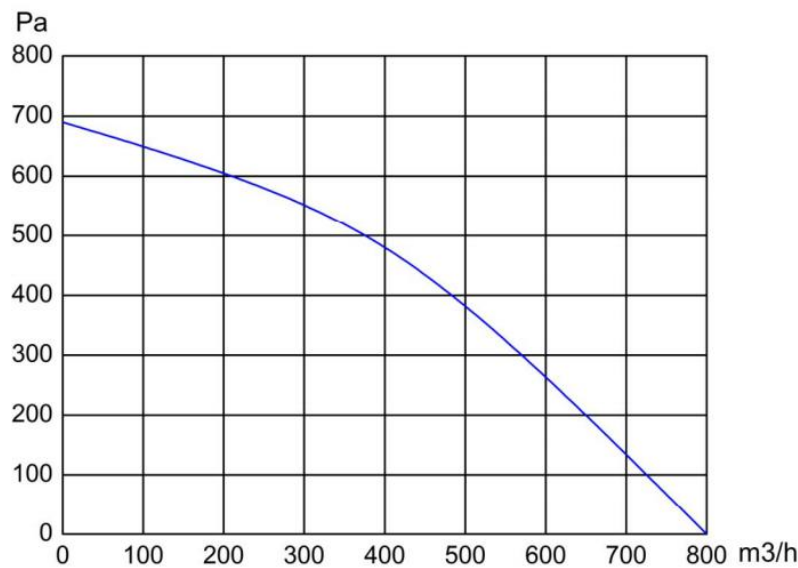
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G190-072NS-001	Ball	230	200-277	0.56	73	3320	722	510	70



EC CENTRIFUGAL FAN

LWBE3G190-092



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

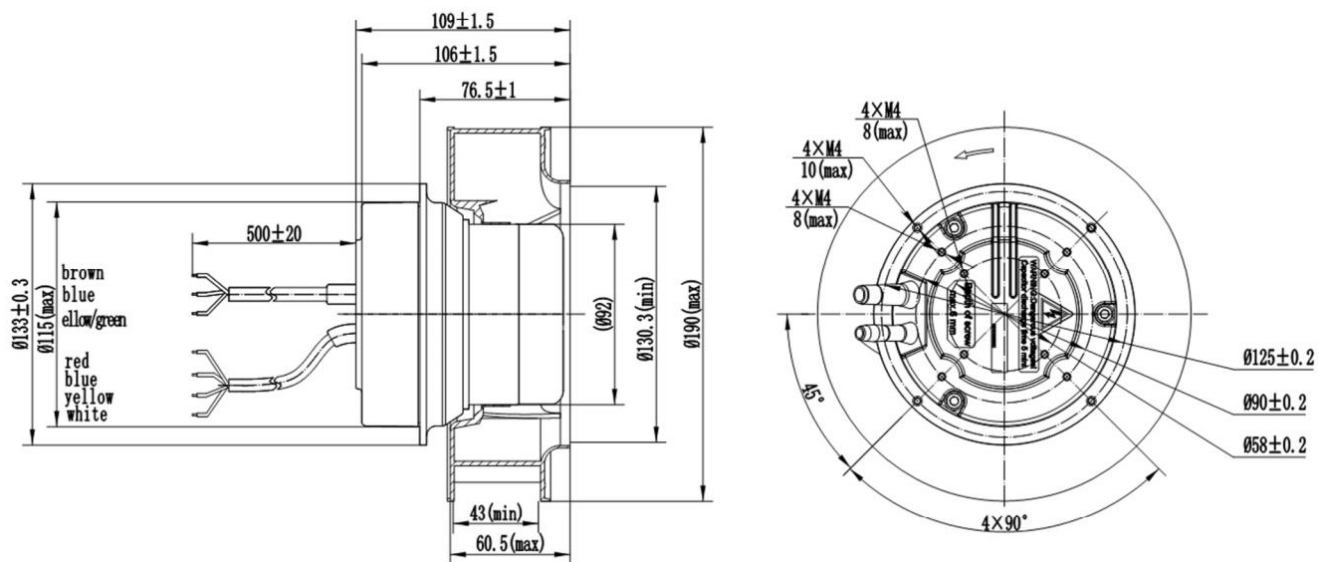
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

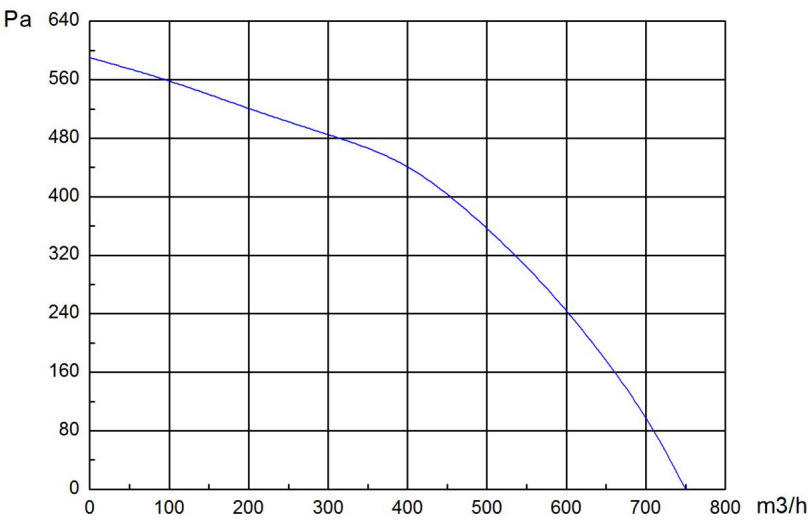
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G190-092NS-002	Ball	230	200-277	1.18	149	4050	782	690	78



EC CENTRIFUGAL FAN

LWBE3G190-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

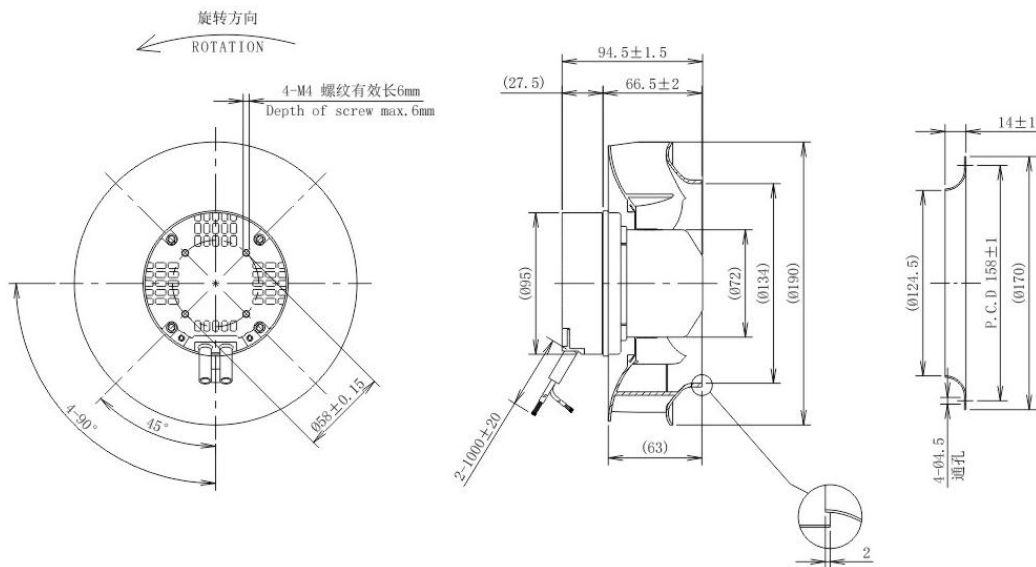
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G190-072NS-003	Ball	230	200-277	0.73	95	3570	750	590	78



EC Backward Curved Centrifugal fans



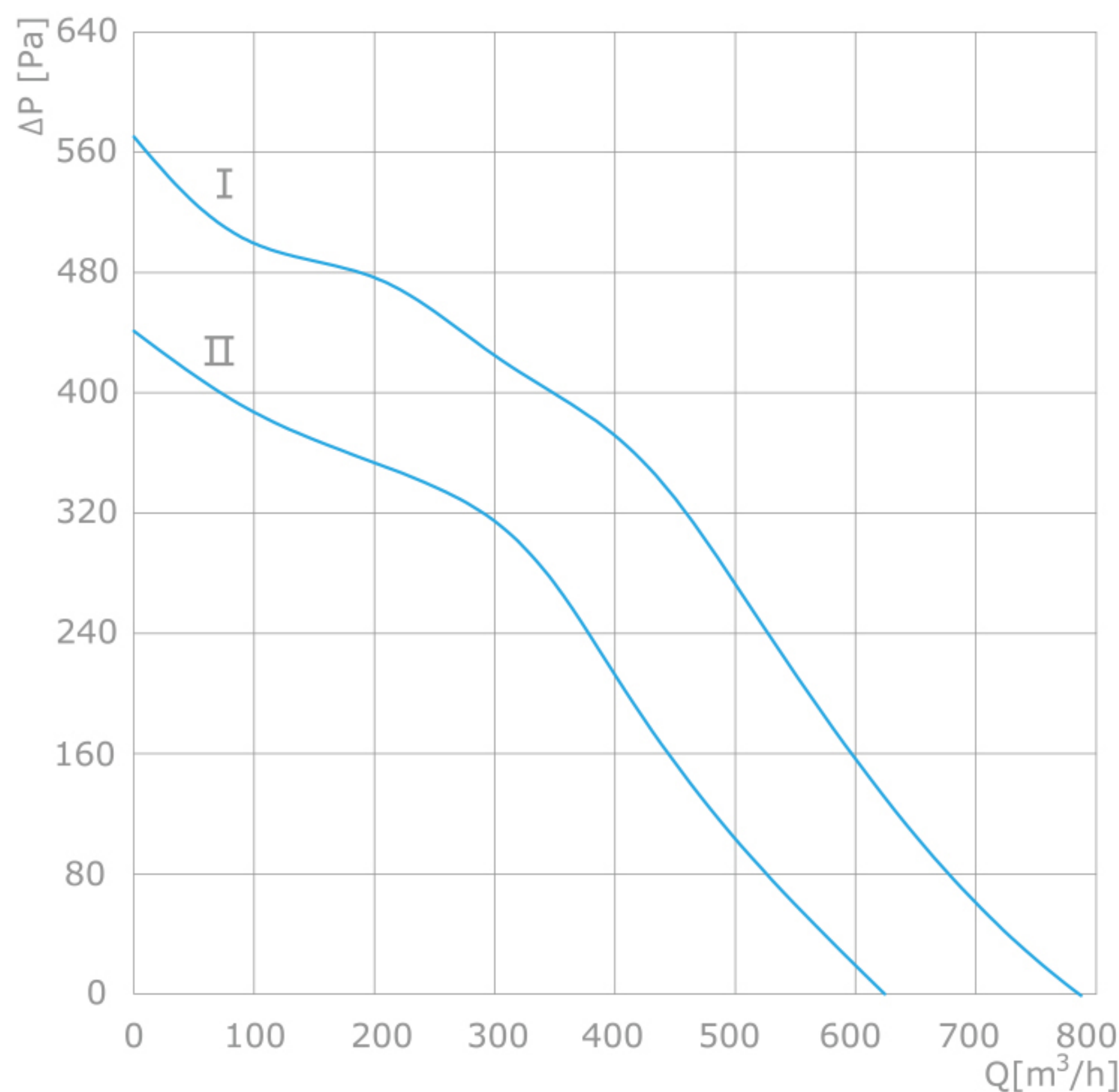
Product Characteristic

Ø190

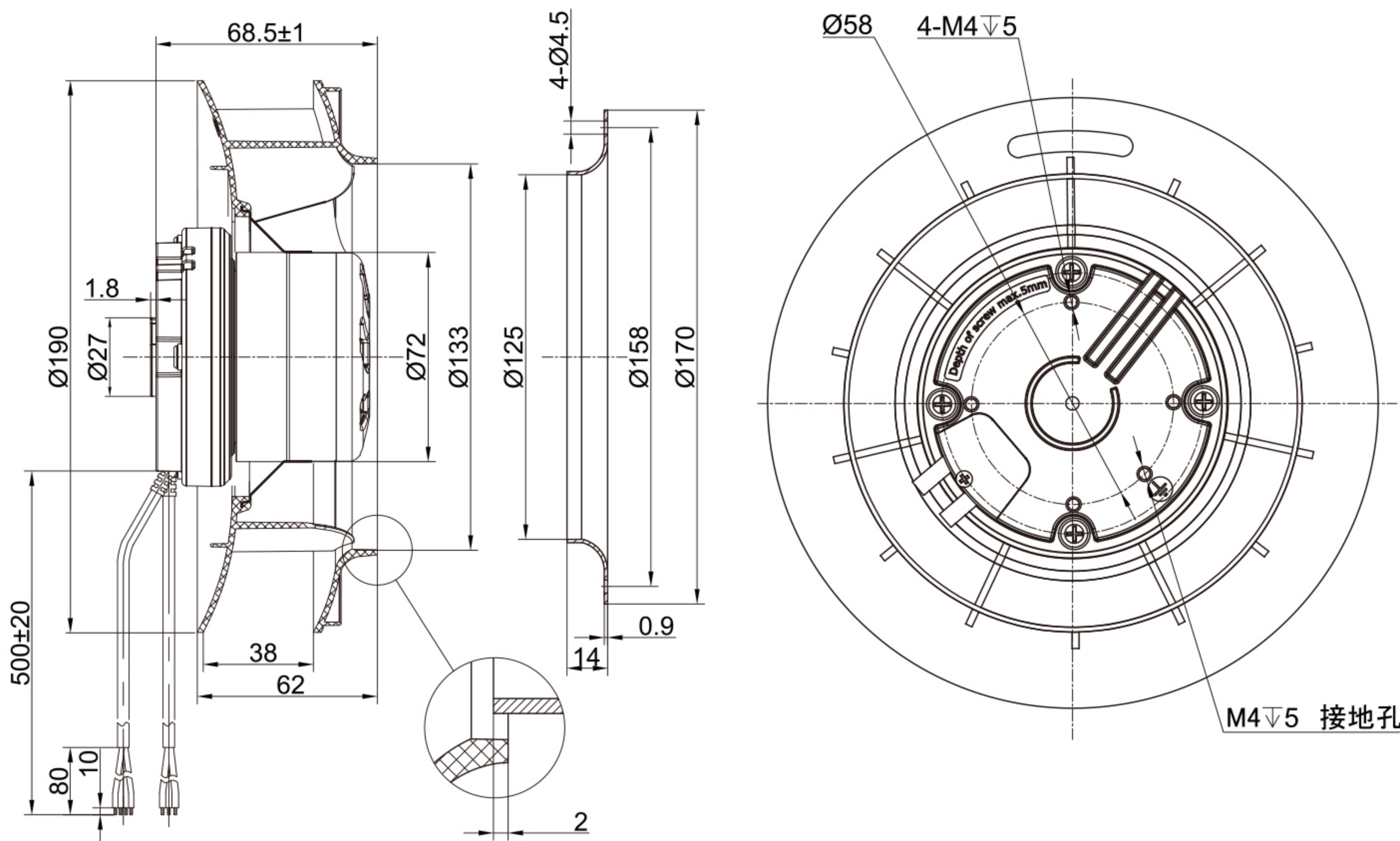
- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Curve	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G190-072NS-004	I	230V	50/60Hz	3300RPM	87W	0.65A	70dB(A)	-25℃ ~+60℃
LWBE3G190-072NS-005	II	230V	50/60Hz	2940RPM	64W	0.53A	65dB(A)	-25℃ ~+60℃

EC Backward Curved Centrifugal fans



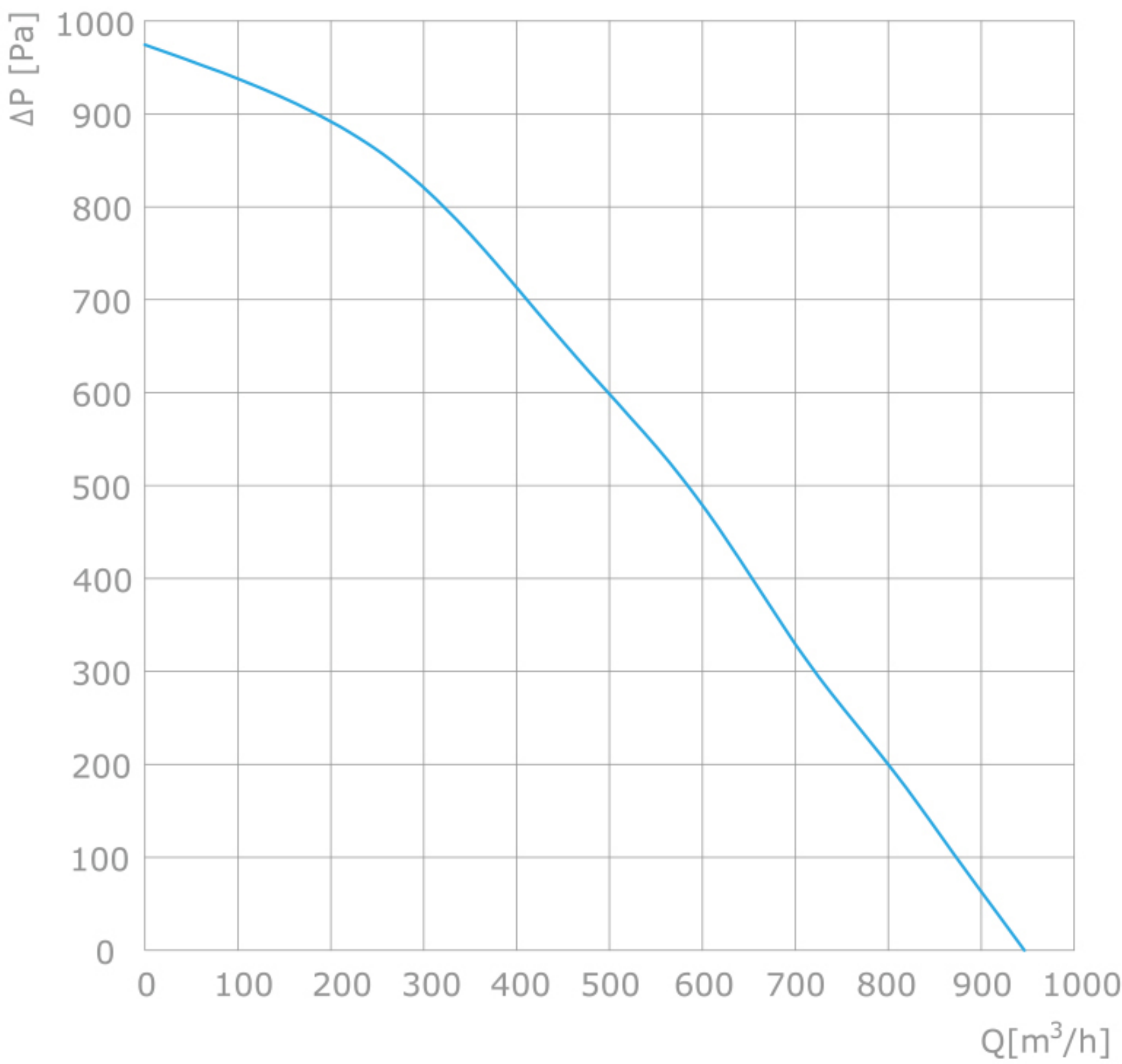
Product Characteristic

Ø190

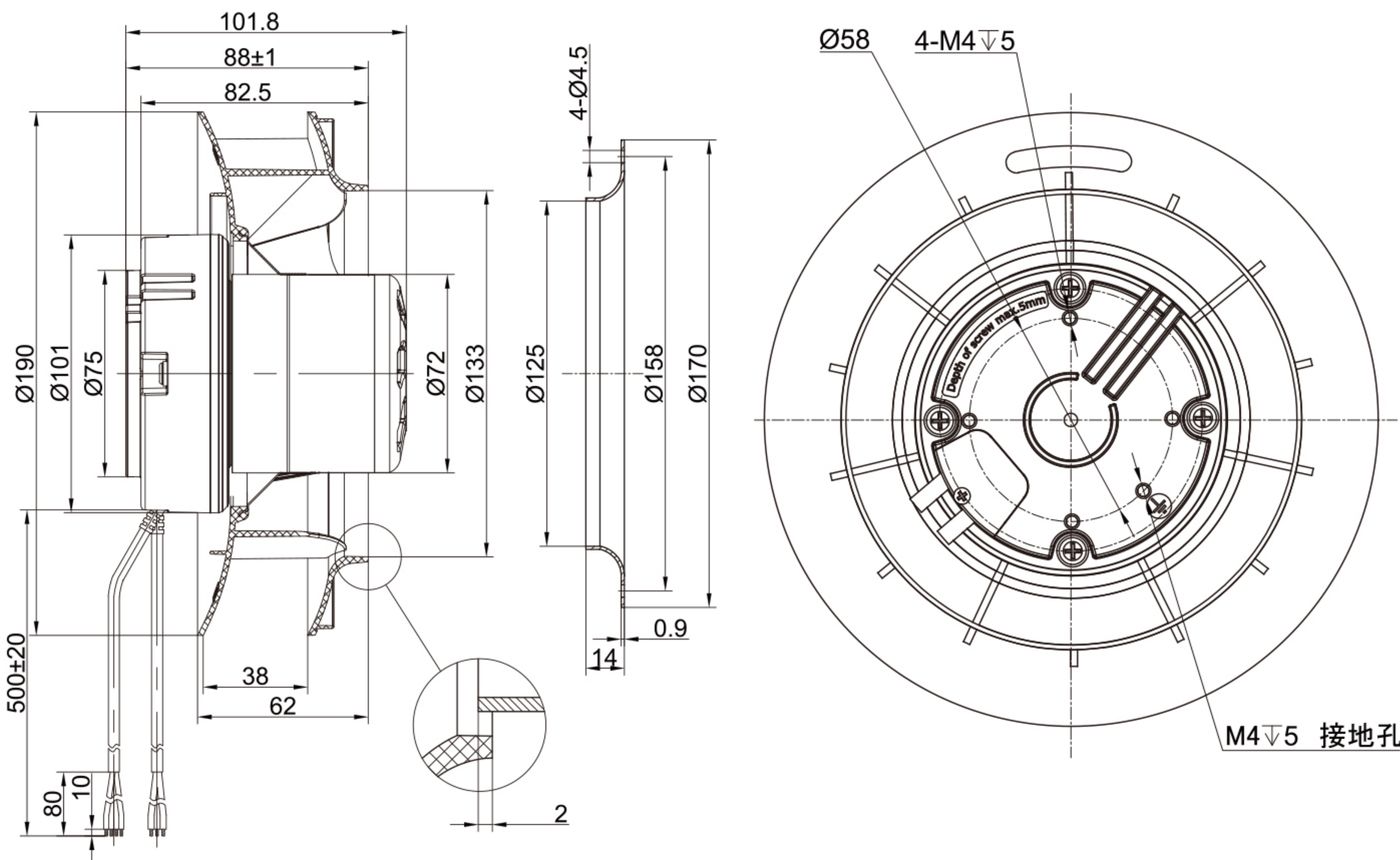
- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G190-072NS-006	230V	50/60Hz	4100RPM	170W	1.3A	72dB(A)	-25℃~+60℃

EC Backward Curved Centrifugal fans



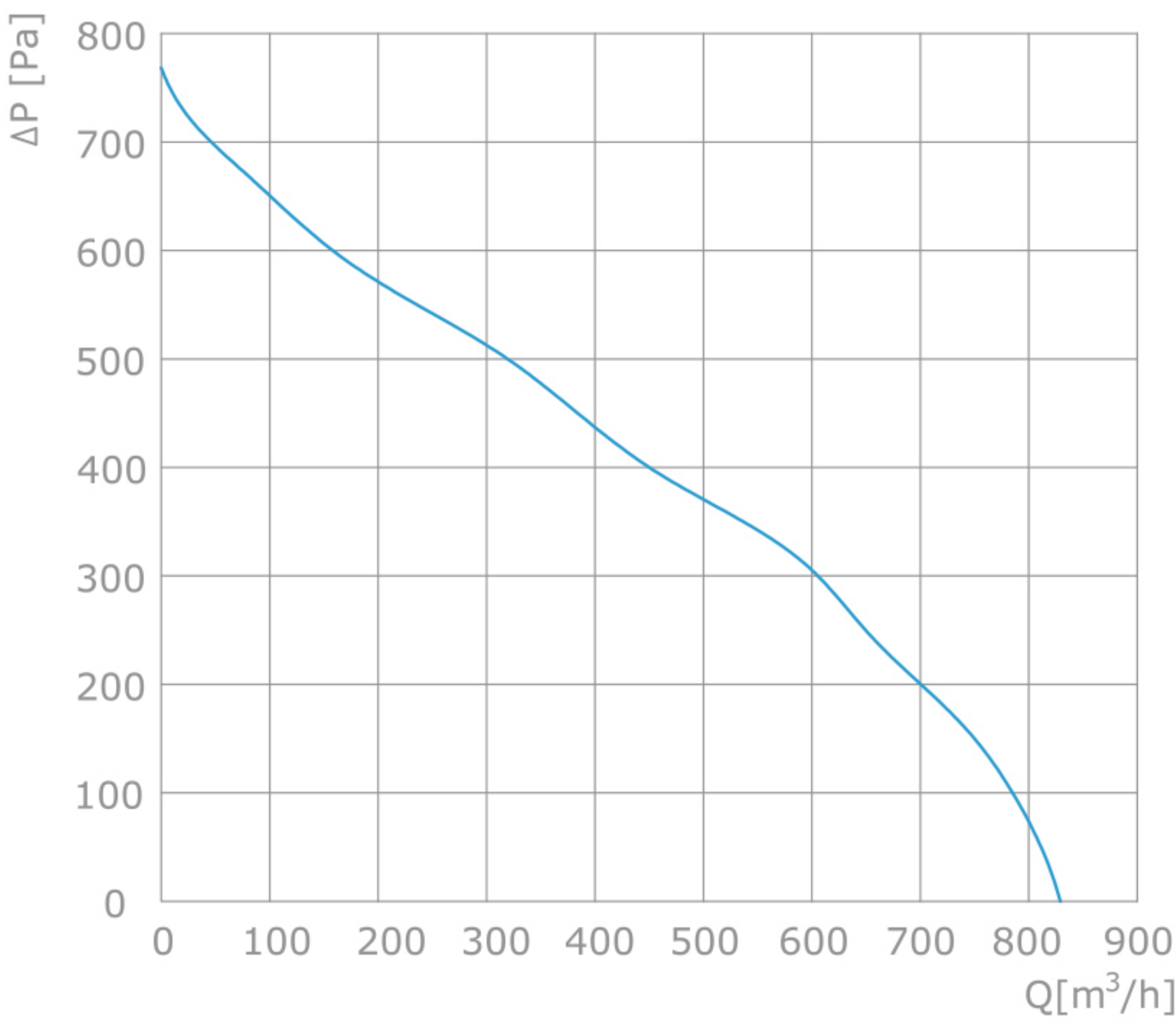
Product Characteristic

Ø190

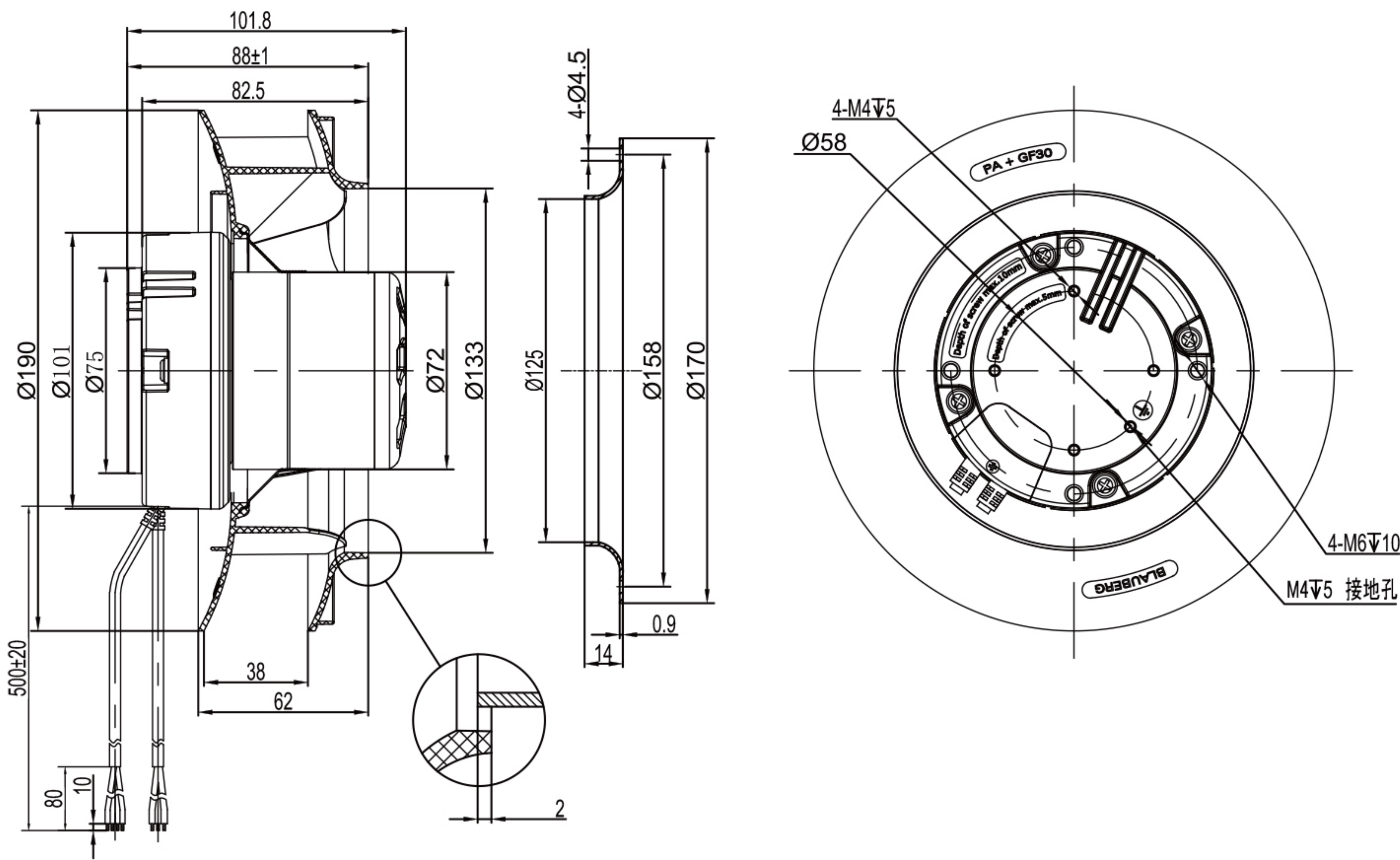
- Speed Control: 0~10V DC/PWM
- Impeller Material: Aluminum alloy
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G190-072NS-007	230V	50/60Hz	3700RPM	135W	1.05A	70dB(A)	-25℃ ~+60℃



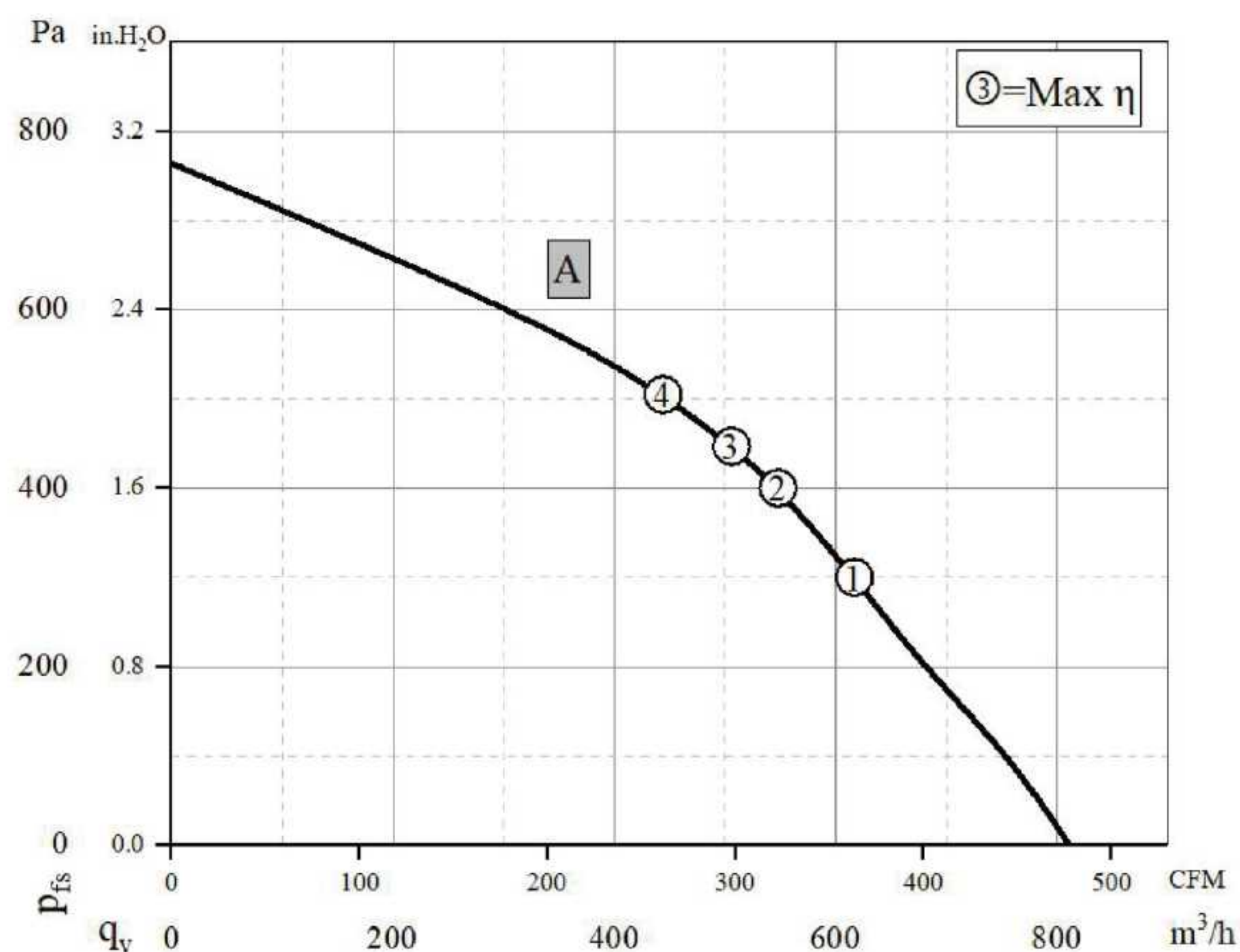
EC Backward curved Centrifugal Fans

Product Characteristic

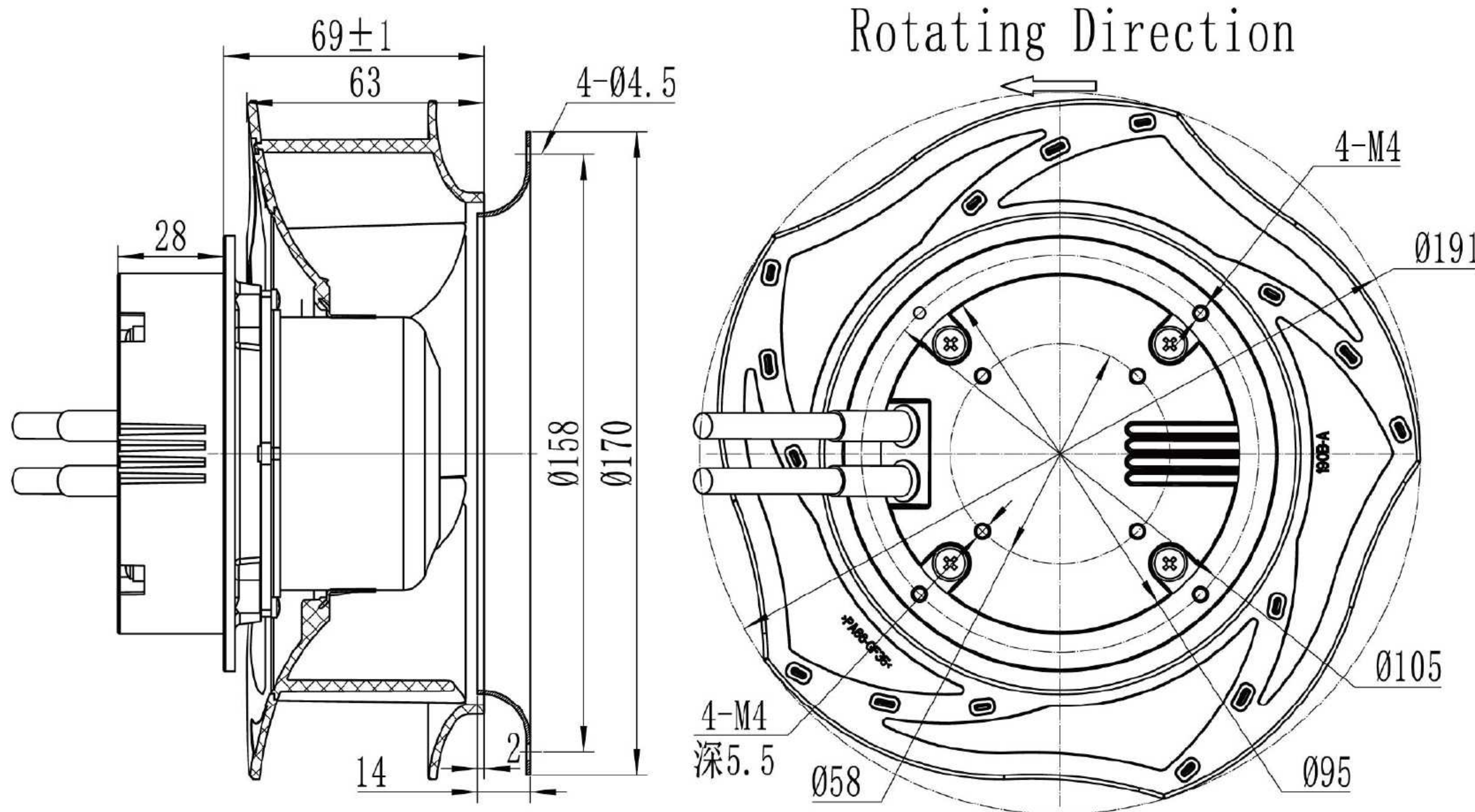
Ø190

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Technical feature: Control input 0-10VDC/PWM
- Type of protection: IP 53
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Approval: CCC, CE, UL
- Amb.Temp: -25~+60 °C

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Curve	Voltage	Frequency	Pst	Air Volume	Speed	Power	Noise
LWBE3G190-072NS-008	A	230V	50/60Hz	0Pa	810m³/h	4230RPM	104W	/

Product Characteristic



- ## Flow Rate Curve



Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G190-072NS-009	230V	50/60Hz	120W	1.0A	750m³/h	3500RPM	65dB(A)	1.5kg

EC Backward curved Centrifugal Fans

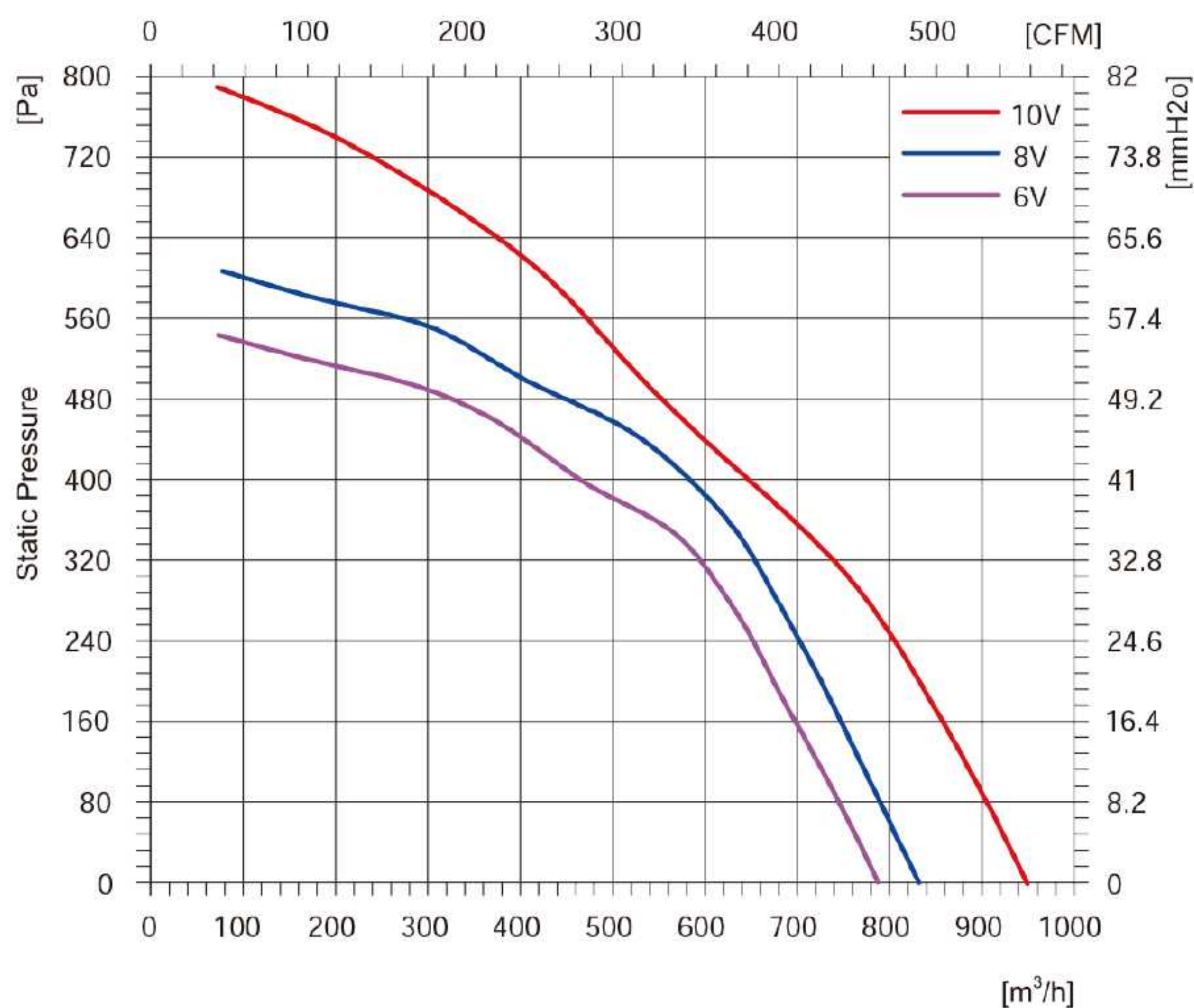


Product Characteristic

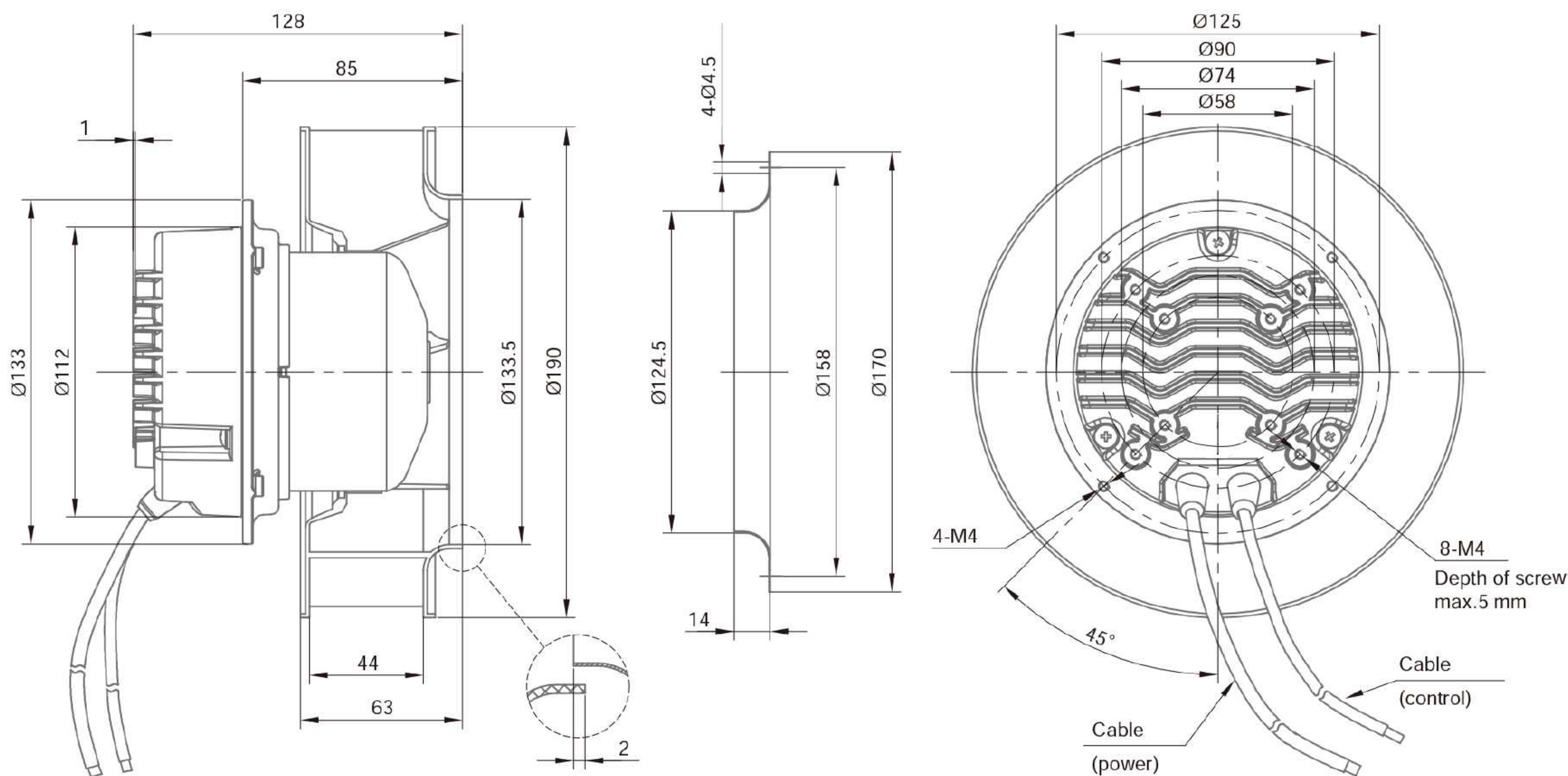
Ø190

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing

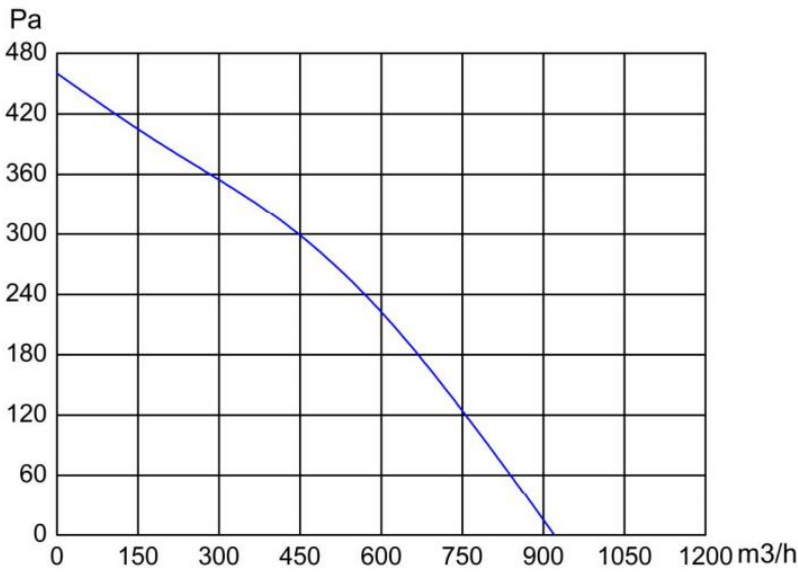


Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G190-092NS-010	230V	50/60Hz	171W	1.3A	956m³/h	4300RPM	73dB(A)	2.2kg

EC CENTRIFUGAL FAN

LWBE3G220-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

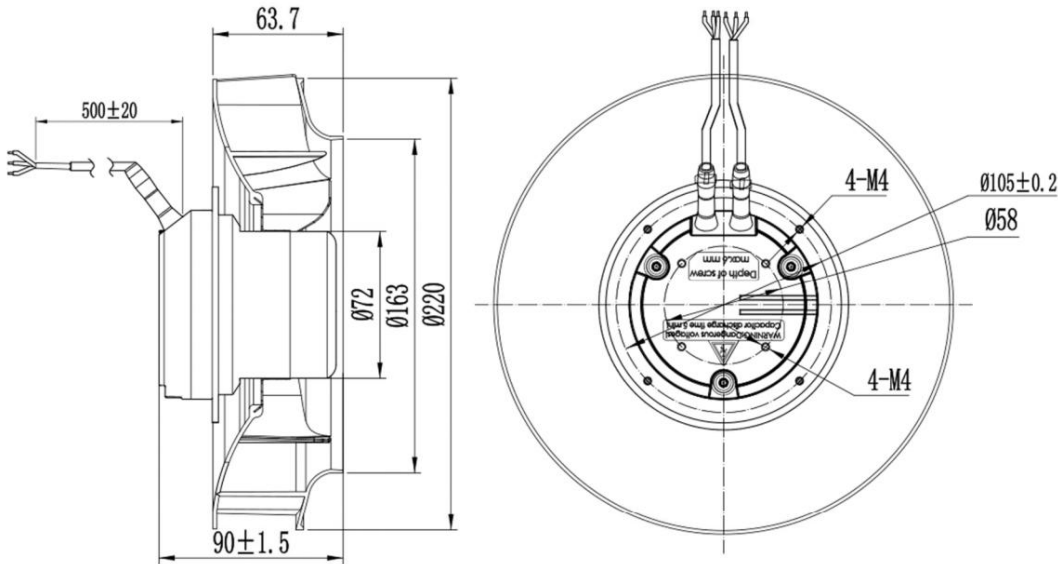
Bearing Type : Ball Bearing

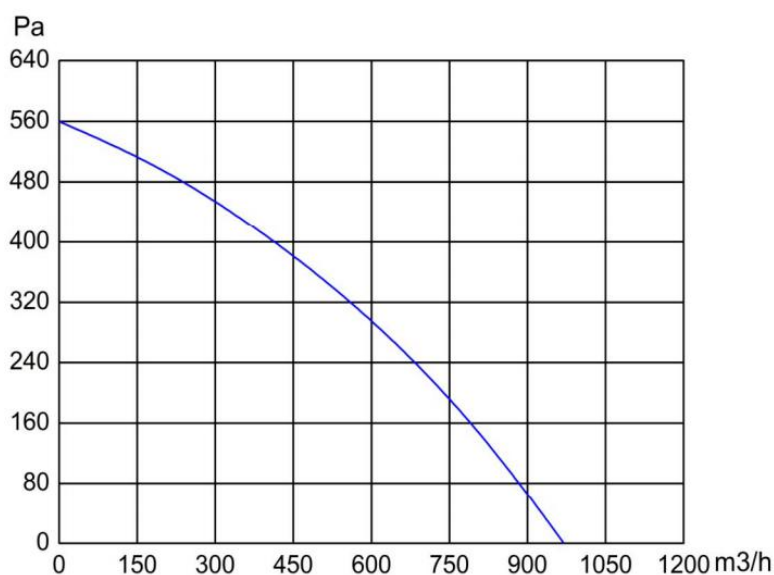
Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G220-072NS-001	Ball	230	200-277	0.56	65	2700	920	460	75





Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

Bearing Type : Ball Bearing

Technical Feature :

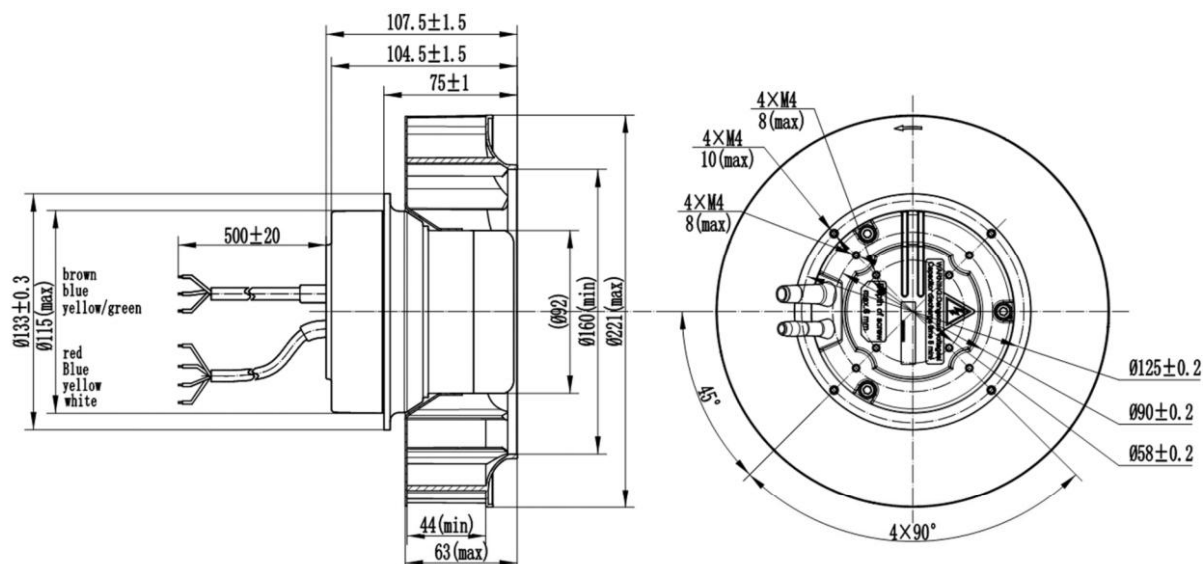
Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,

Reverse Polarity ,Over-voltage protection

Soft Start Protection,

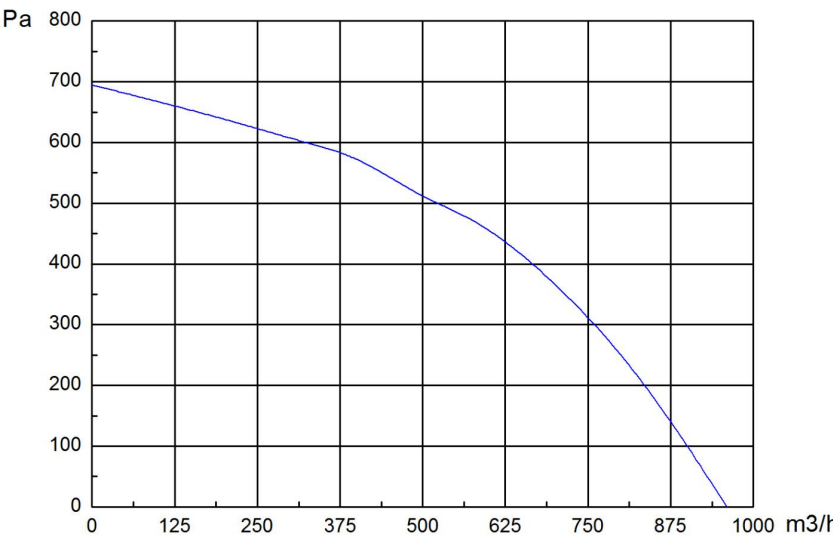
- Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G220-092NS-002	Ball	230	200-277	1.18	157	3510	963	560	73



EC CENTRIFUGAL FAN

LWBE3G220-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

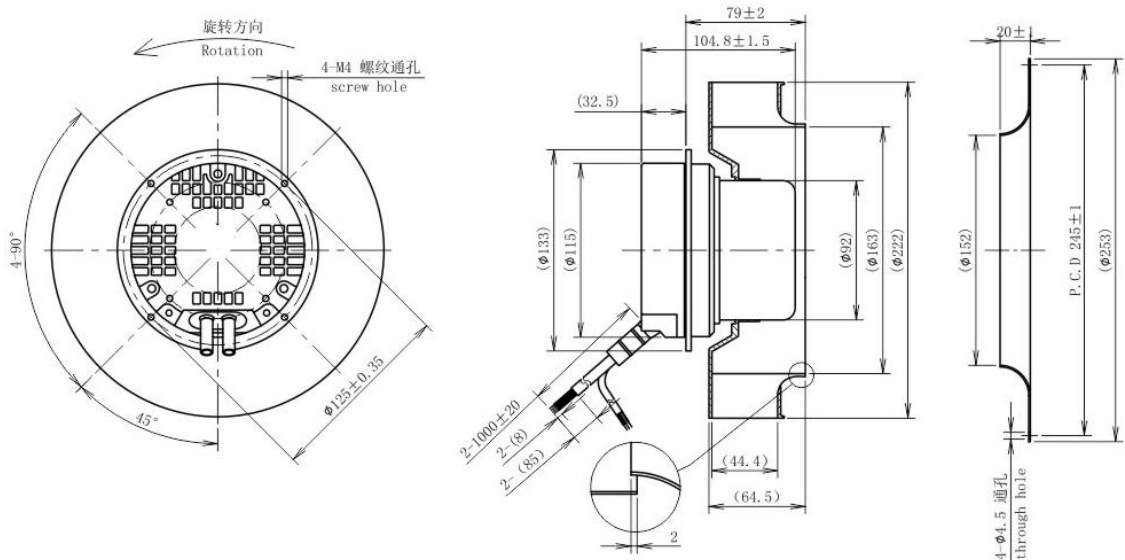
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G220-092NS-003	Ball	230	200-277	0.6	70	2500	950	690	71



EC Backward curved Centrifugal Fans

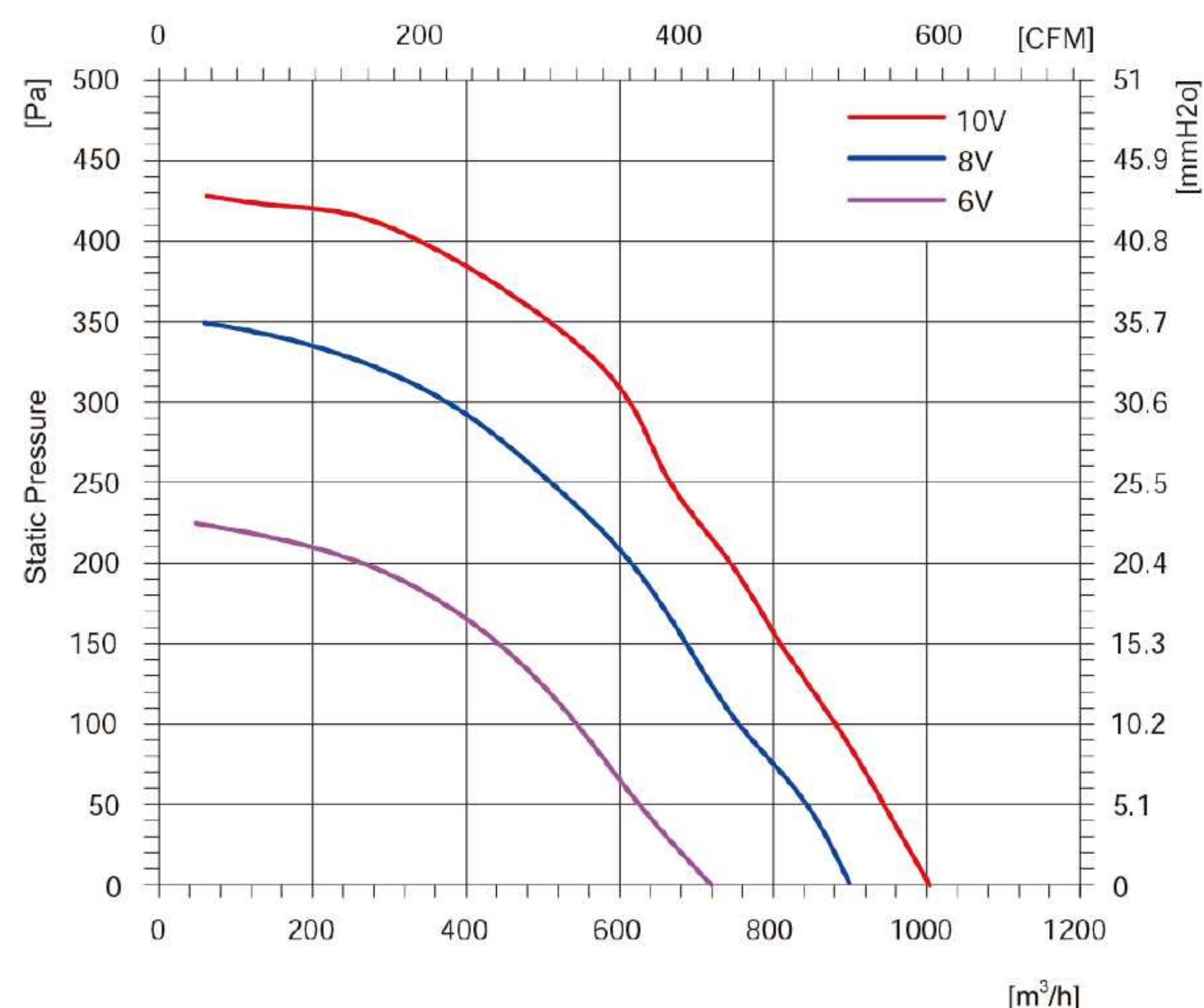


Product Characteristic

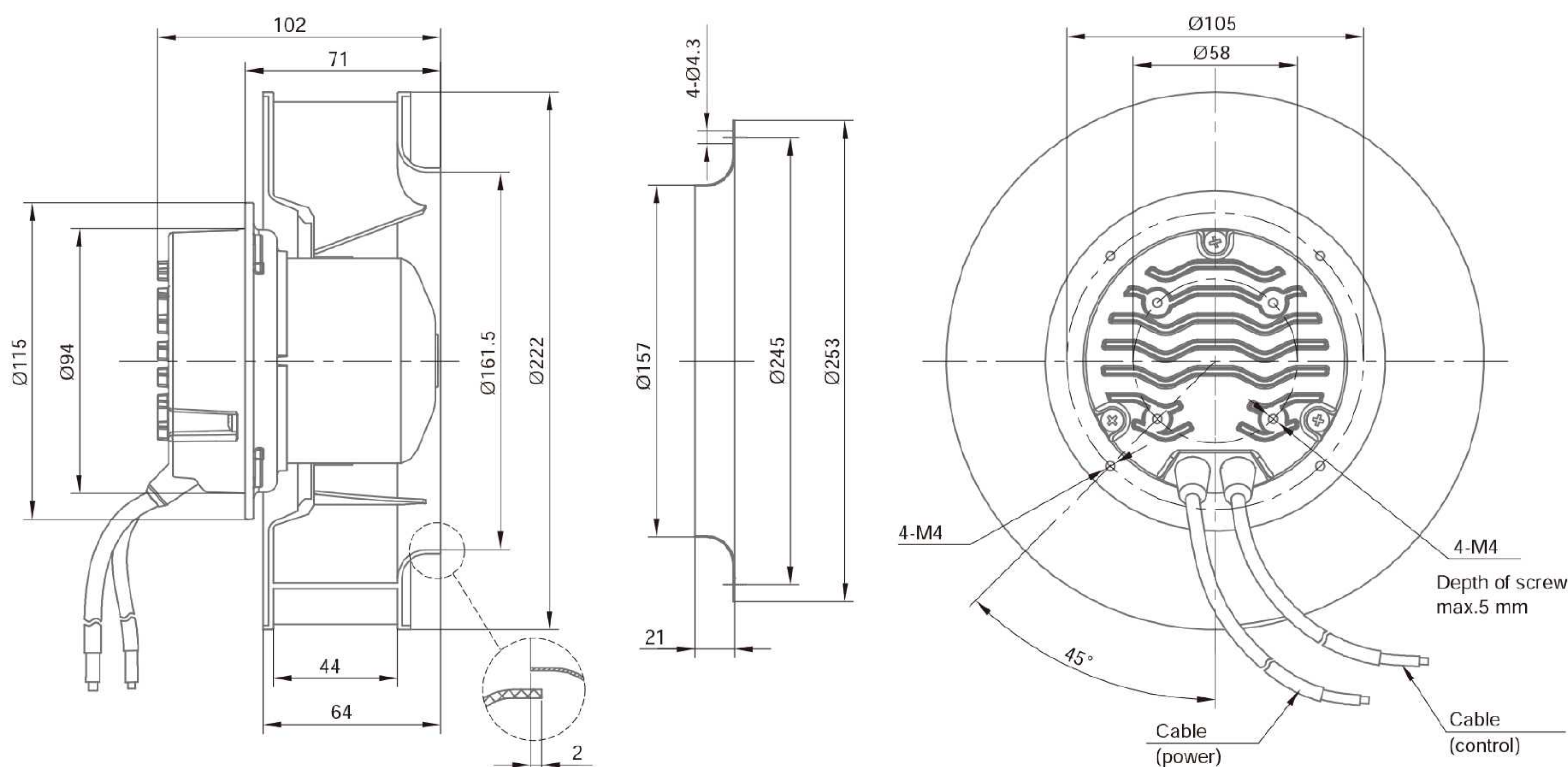
Ø220

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50℃
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G220-072NS-004	230V	50/60Hz	115W	1.0A	1000m³/h	2750RPM	65dB(A)	1.5kg

EC Backward curved Centrifugal Fans

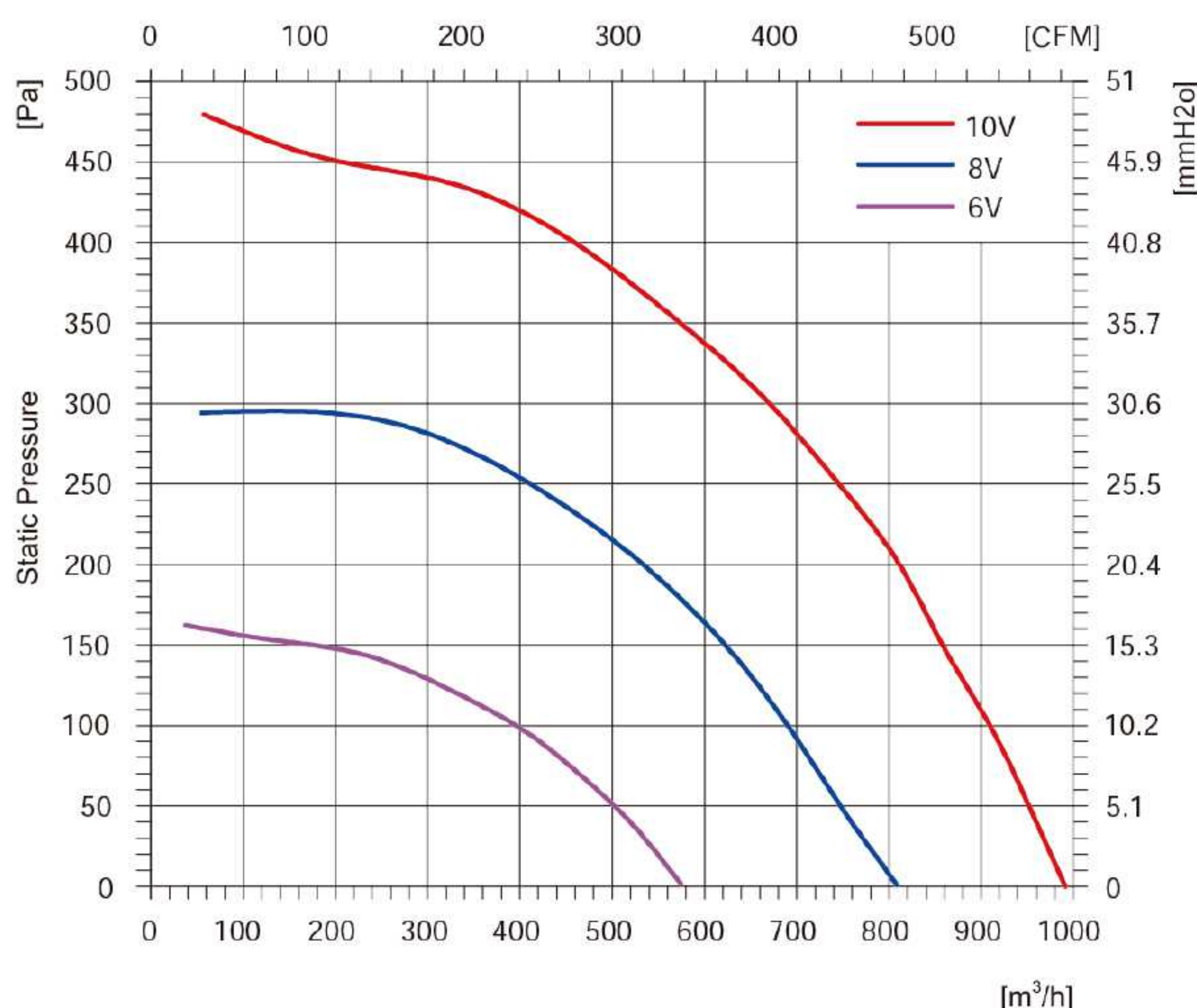


Product Characteristic

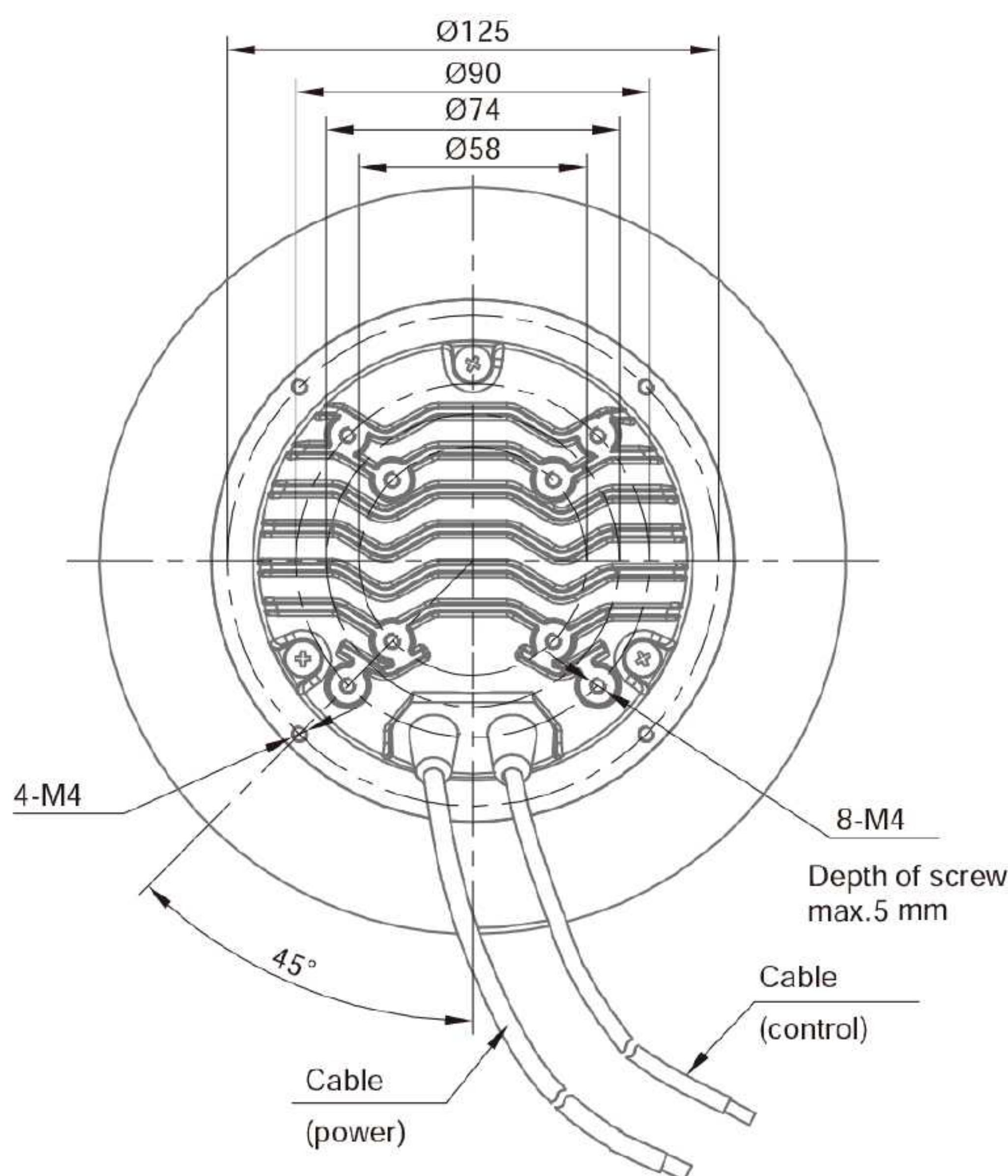
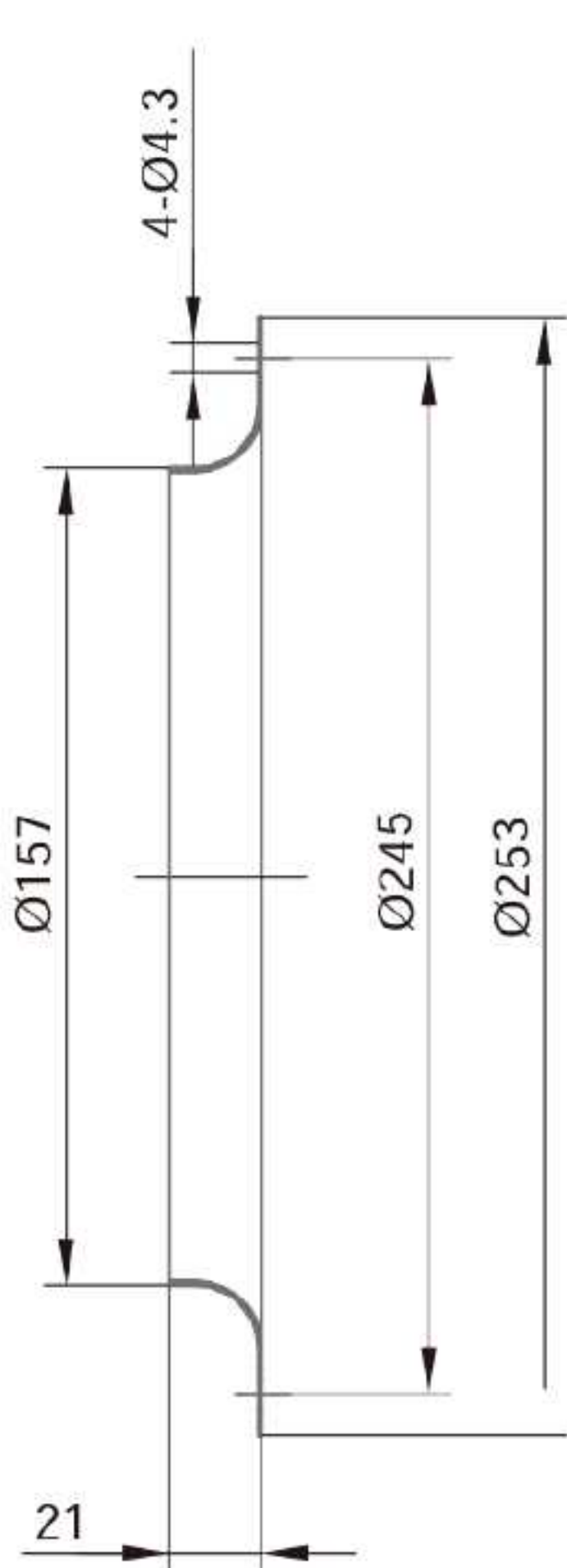
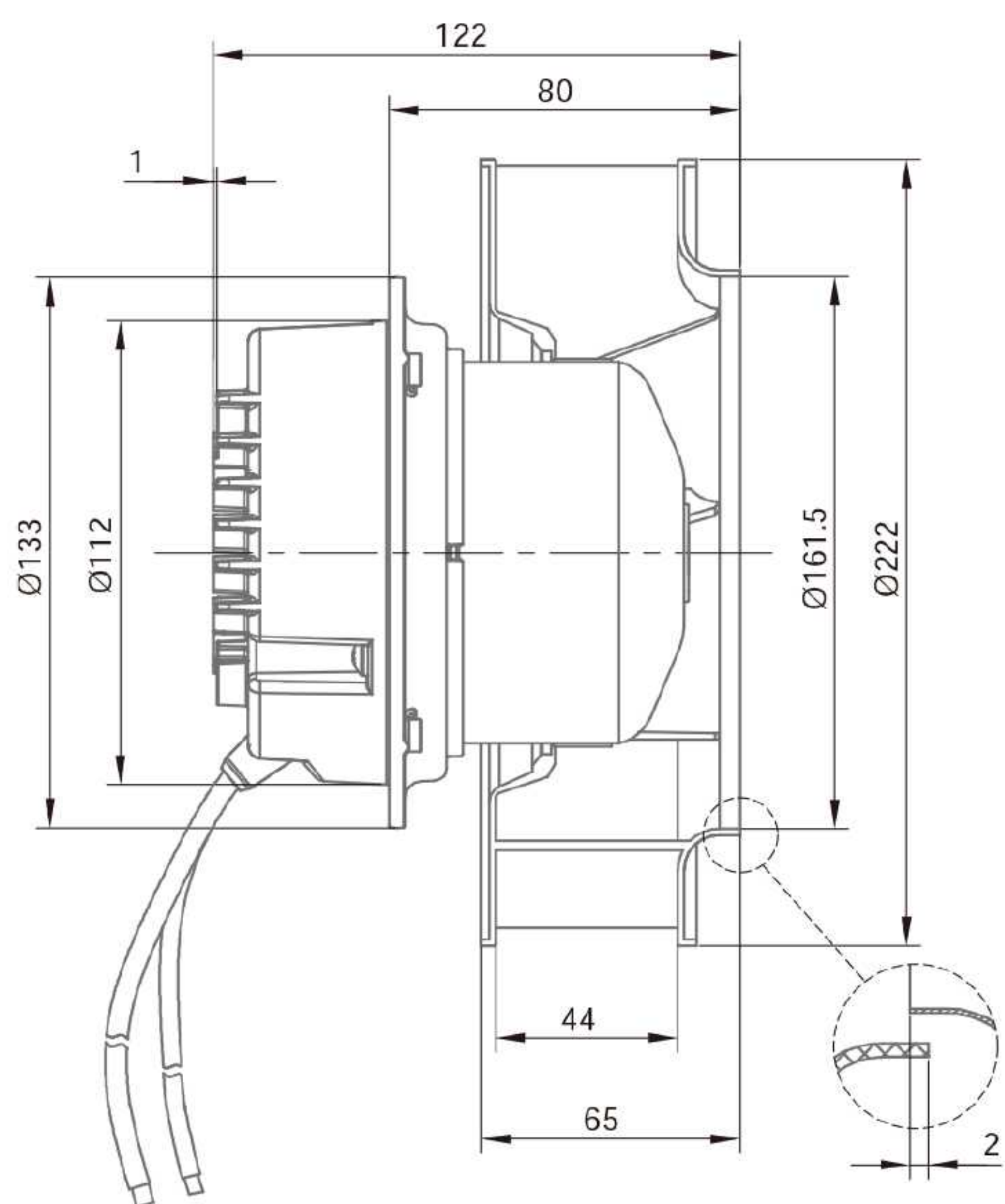
Ø220

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G220-092NS-005	230V	50/60Hz	105W	1.0A	990m³/h	2800RPM	66dB(A)	2.4kg

EC Backward curved Centrifugal Fans

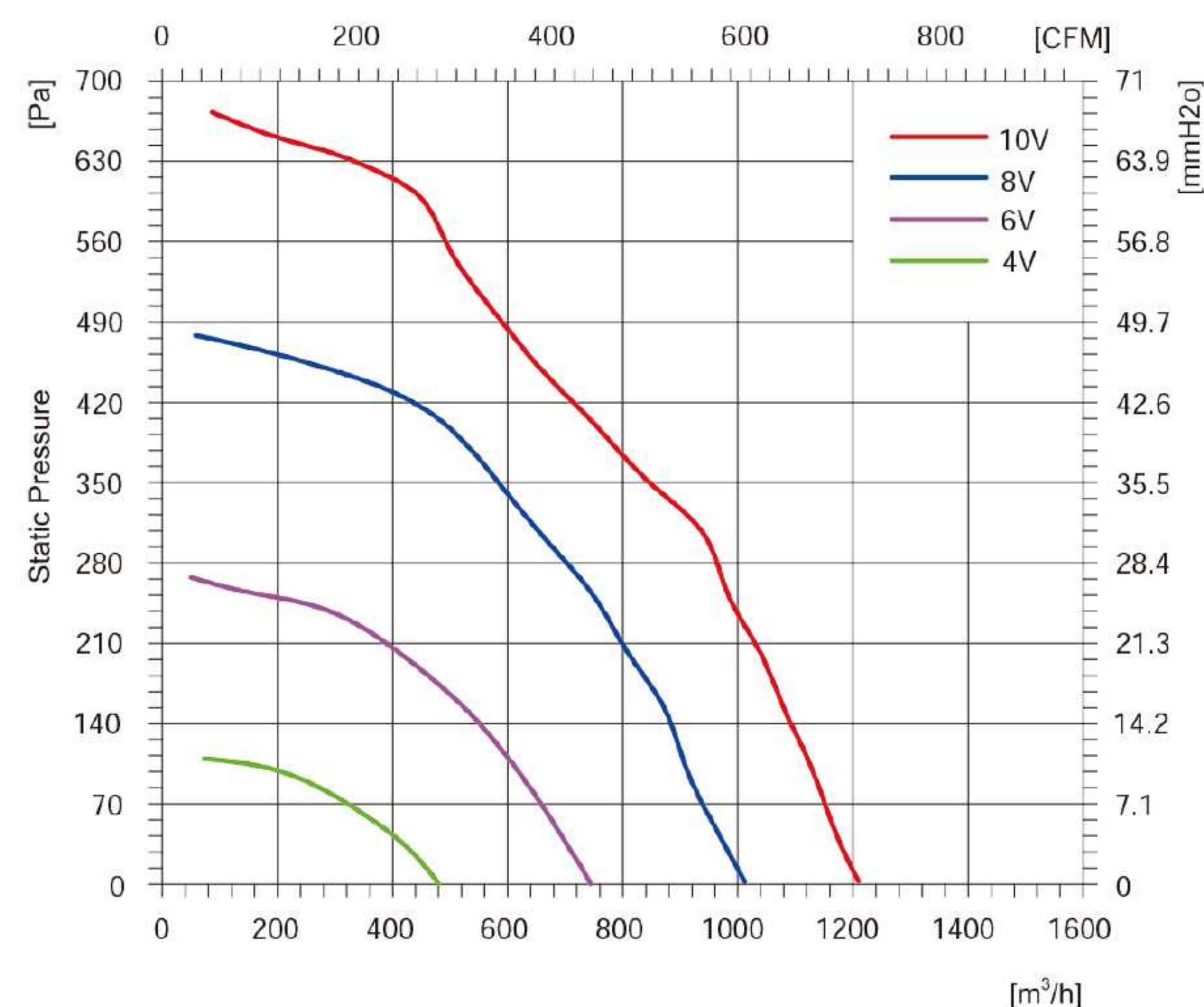
Product Characteristic

Ø220

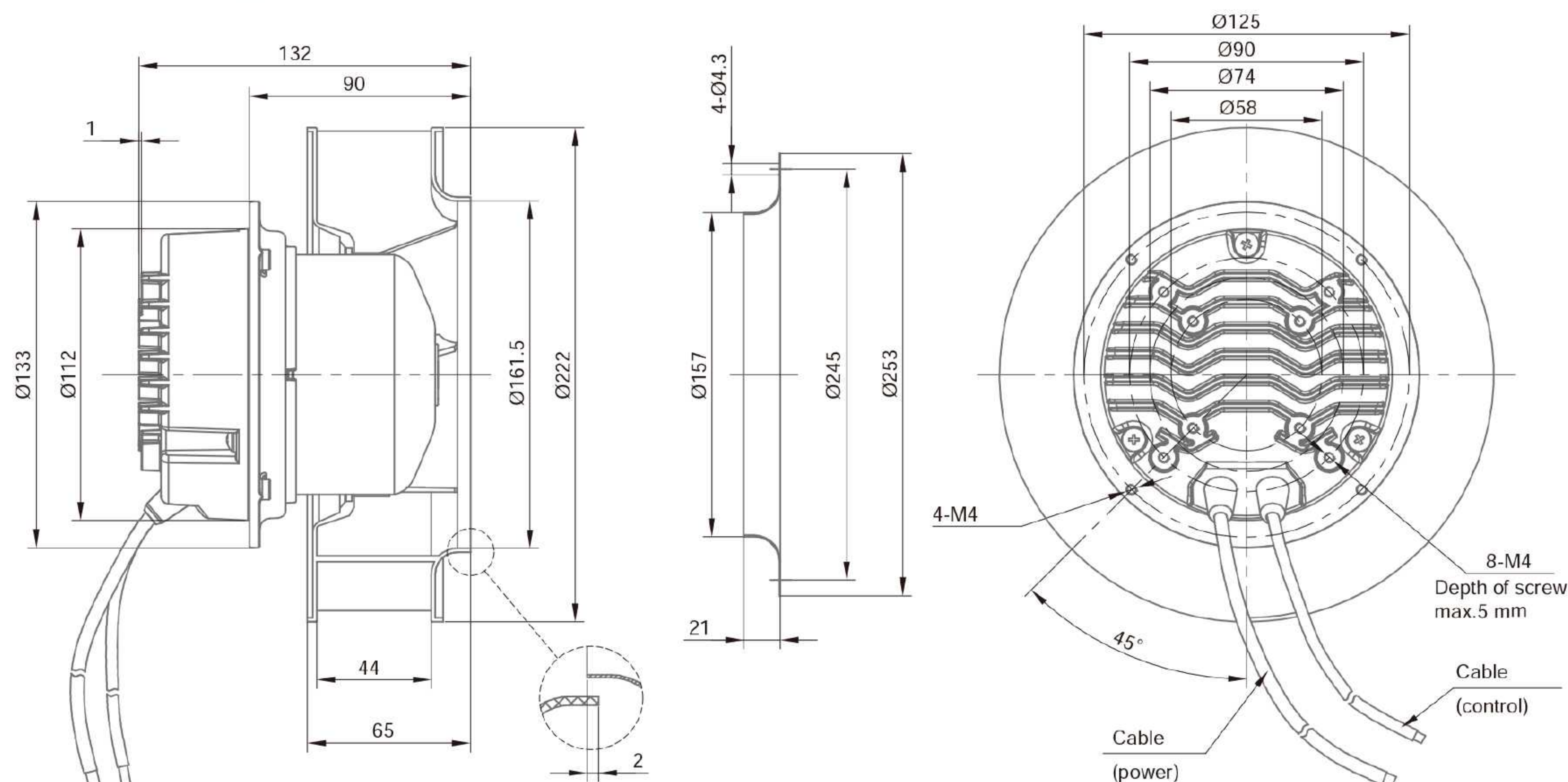


- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G220-092NS-006	230V	50/60Hz	180W	1.3A	1200m³/h	3350RPM	68dB(A)	2.4kg

EC Backward Curved Centrifugal fans

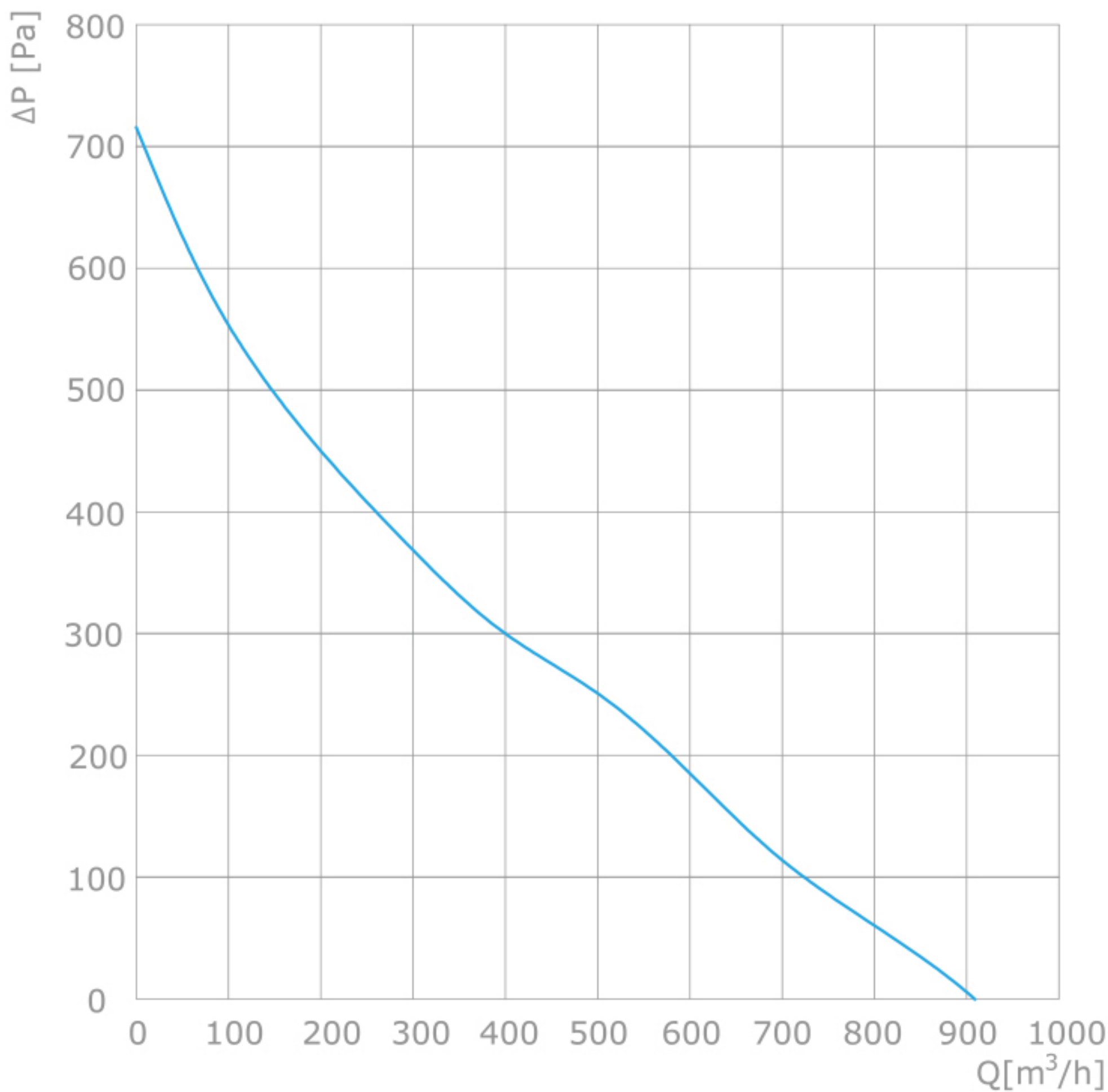
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

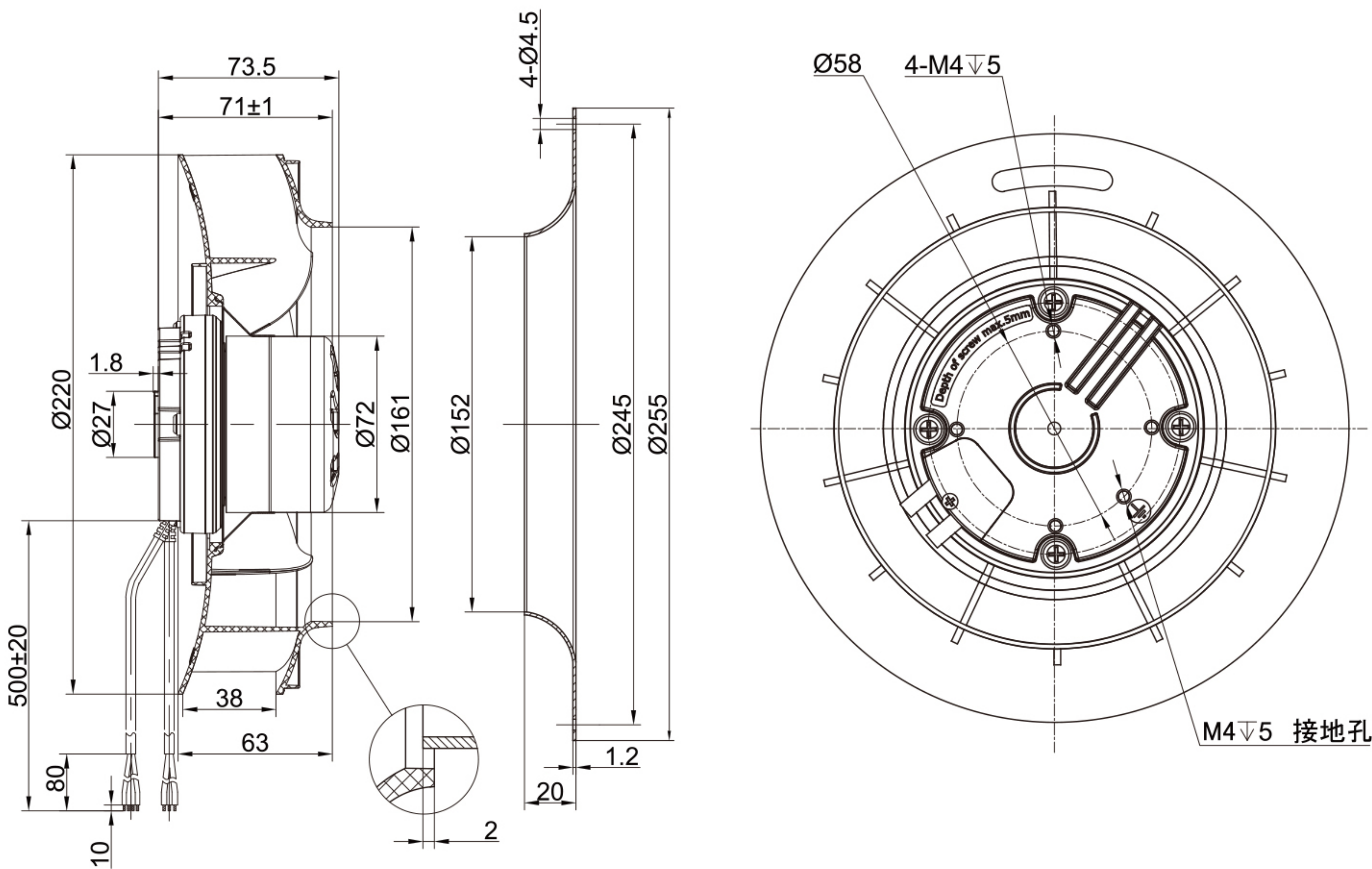
Ø220



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G220-072NS-007	230V	50/60Hz	2470RPM	86W	0.71A	68dB(A)	-25℃ ~+60℃

EC Backward Curved Centrifugal fans

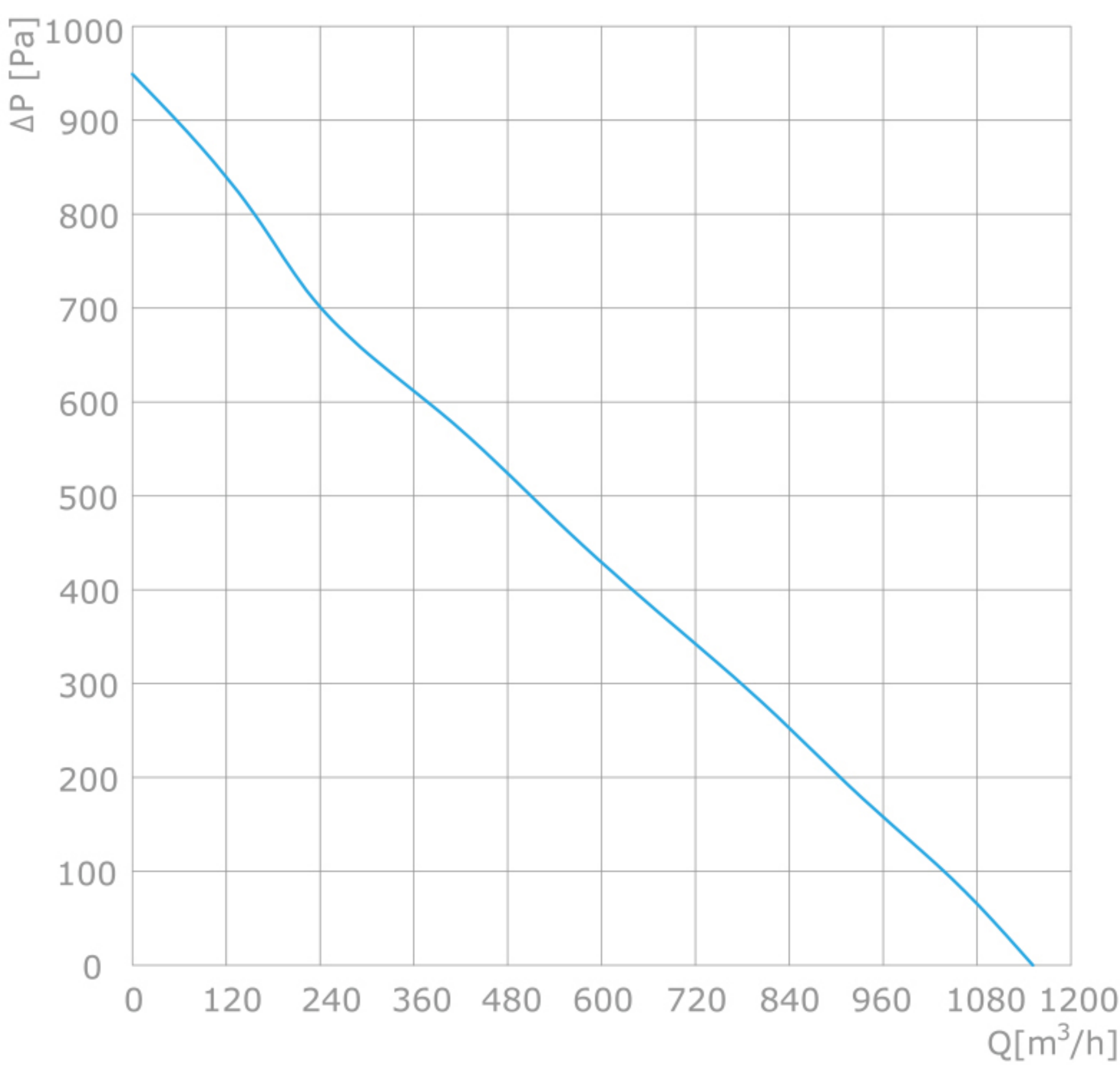
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

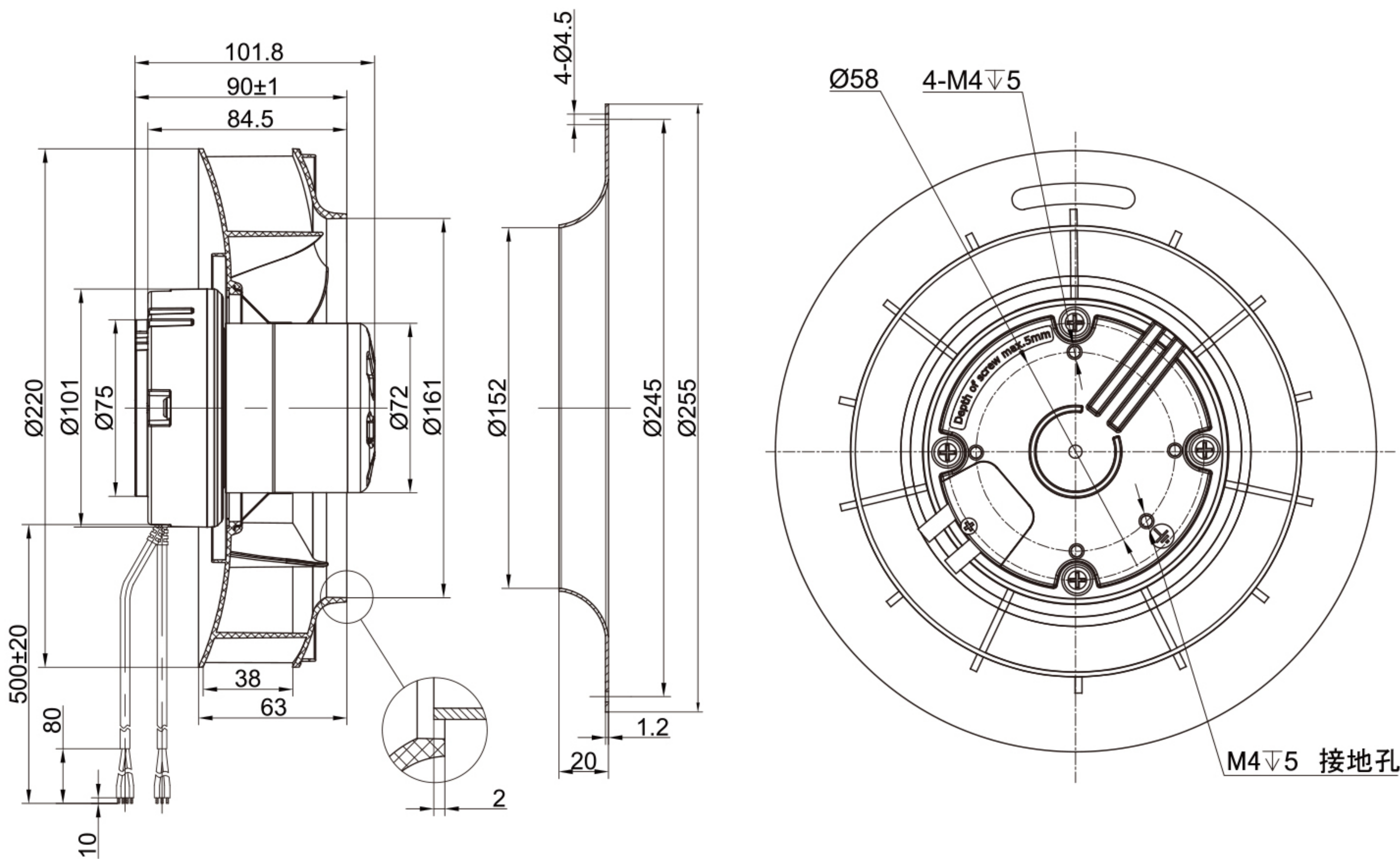
Ø220



Flow Rate Curve



Product Drawing

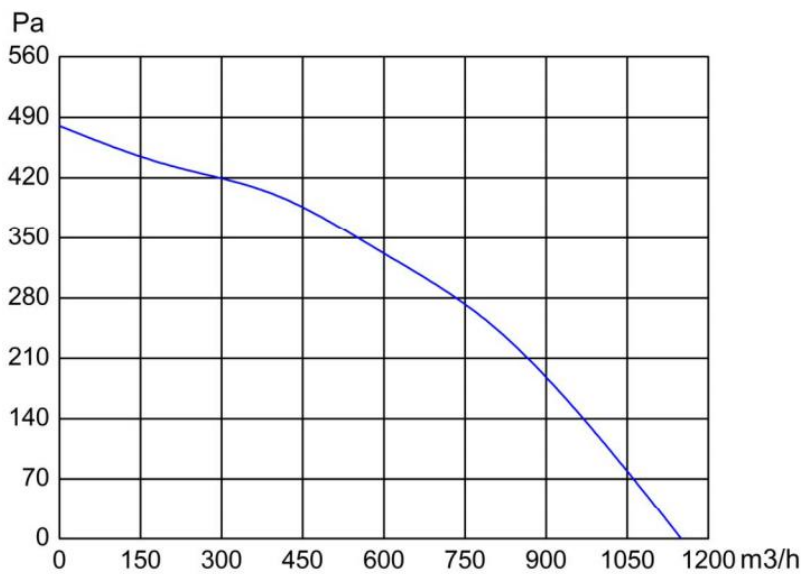


Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G220-072NS-008	230V	50/60Hz	3250RPM	168W	1.27A	70dB(A)	-25℃~+60℃

EC CENTRIFUGAL FAN

LWBE3G225-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

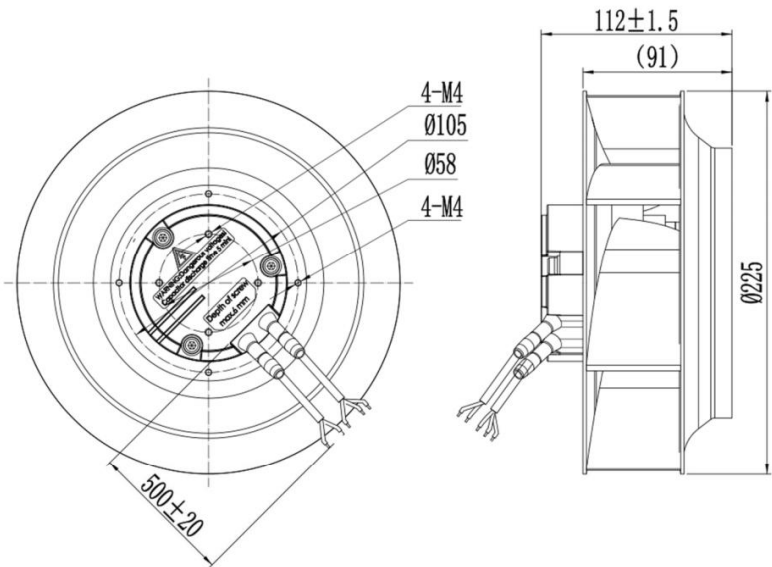
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

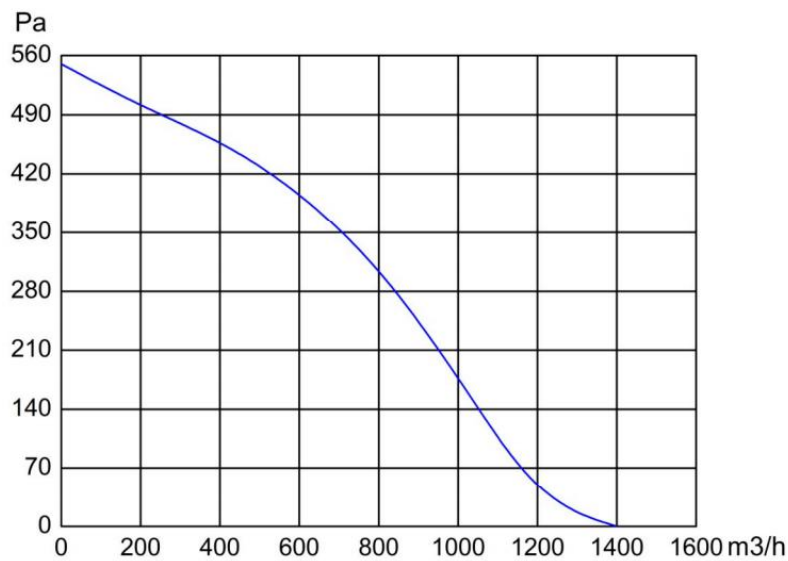
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G225-072NS-001	Ball	230	200-277	0.68	105	2600	1150	480	74



EC CENTRIFUGAL FAN

LWBE3G225-092



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

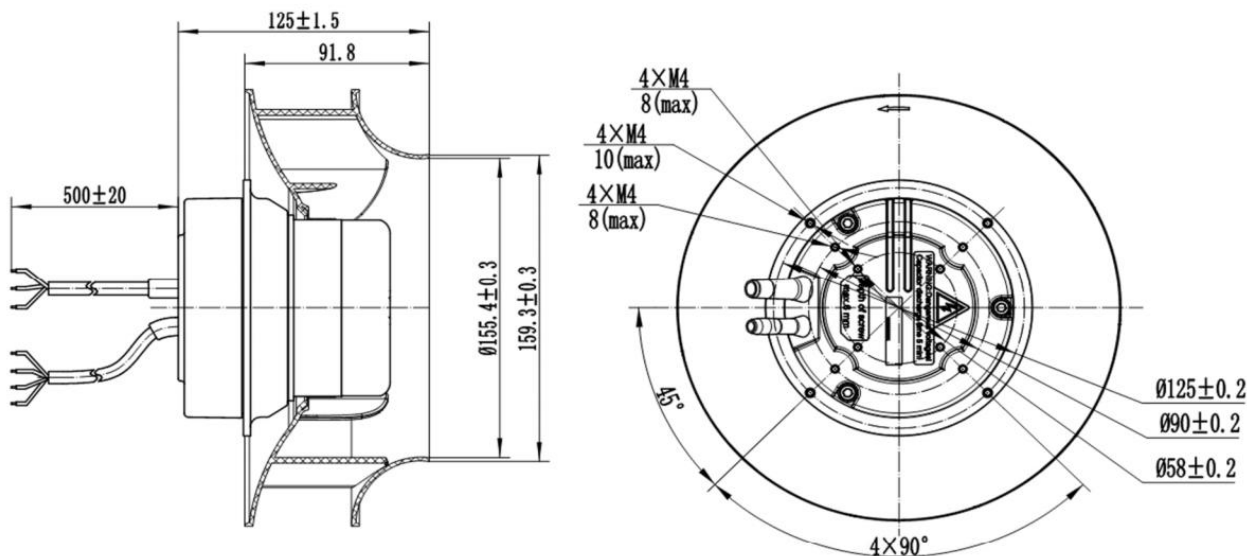
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

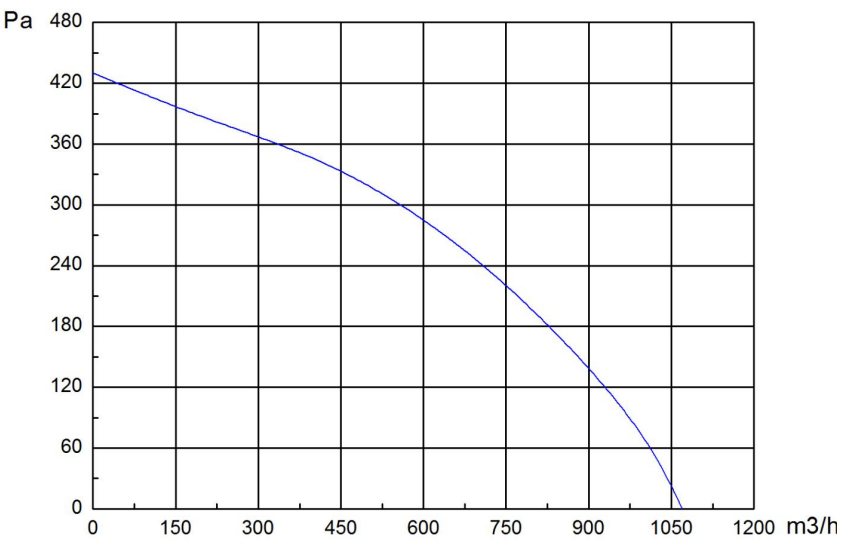
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G225-092NS-002	Ball	230	200-277	1.14	150	3010	1226	550	79



EC CENTRIFUGAL FAN

LWBE3G225-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

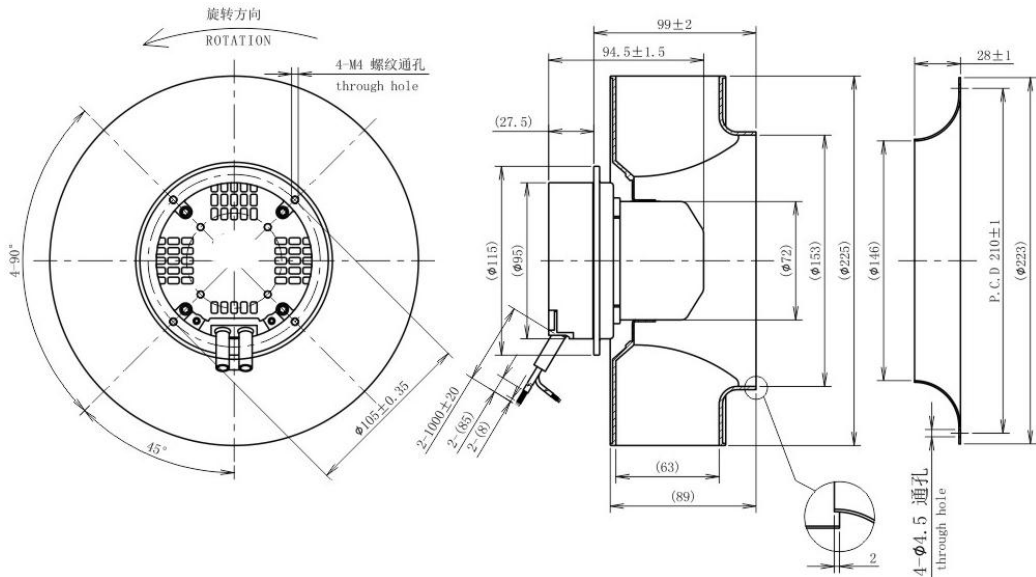
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

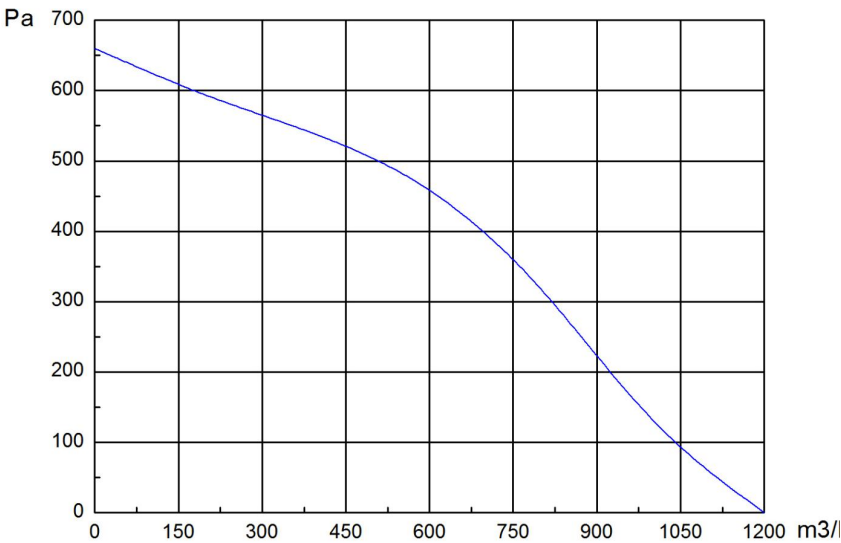
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G225-072NS-003	Ball	230	200-277	0.6	80	2500	1100	430	69



EC CENTRIFUGAL FAN

LWBE3G225-092



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

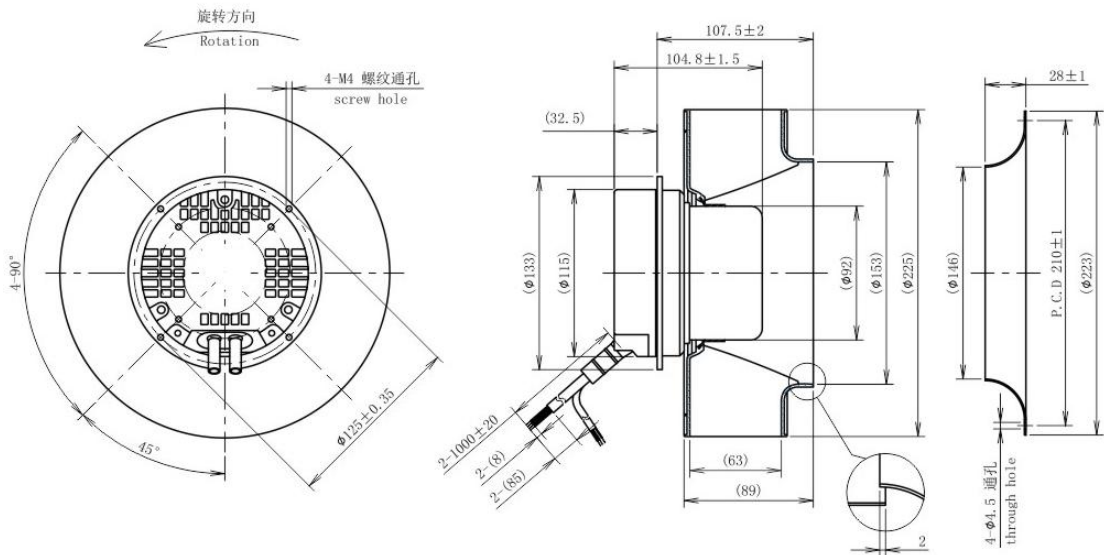
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G225-092NS-004	Ball	230	200-277	1.14	150	3010	1226	550	79



EC Backward curved Centrifugal Fans

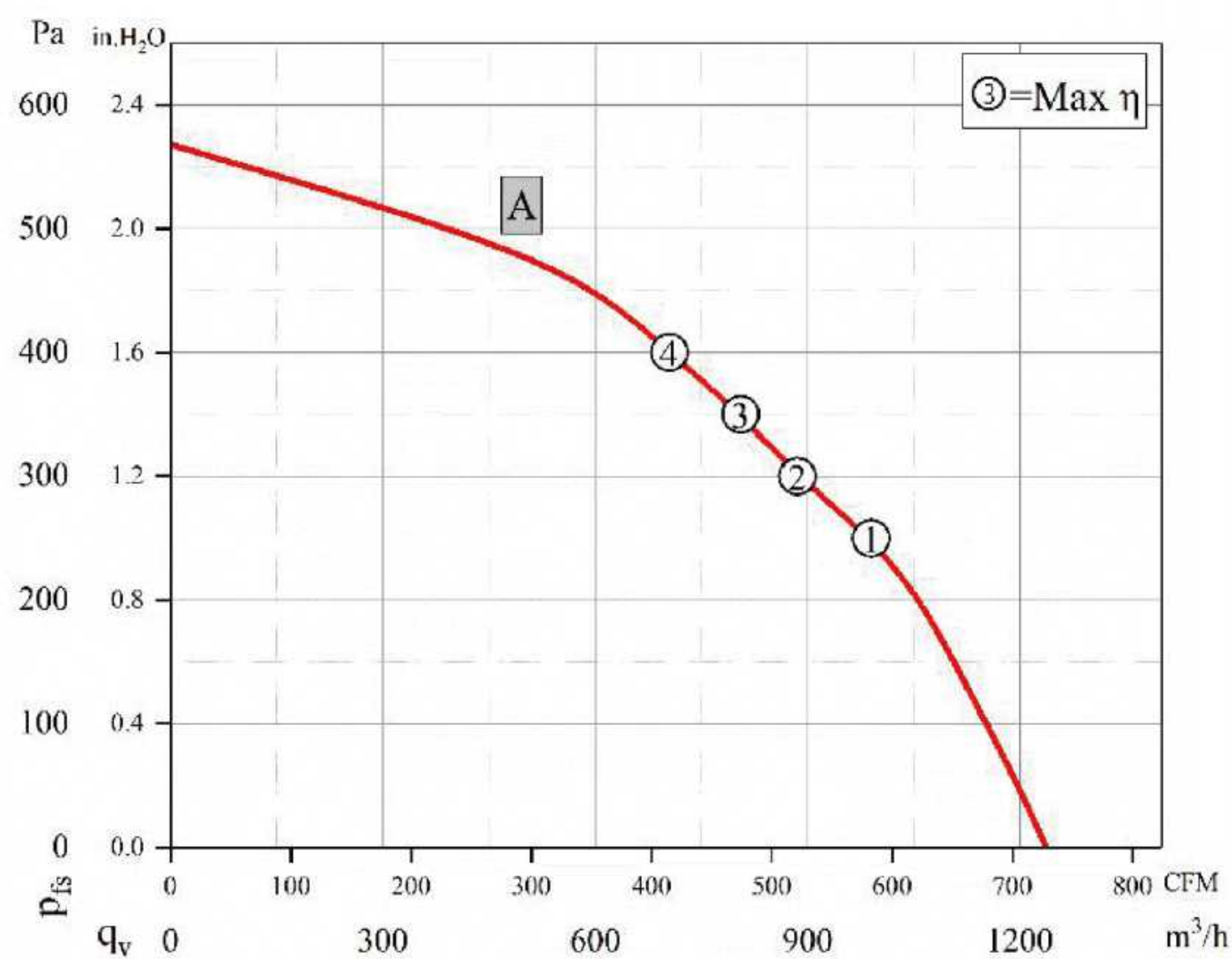


Product Characteristic

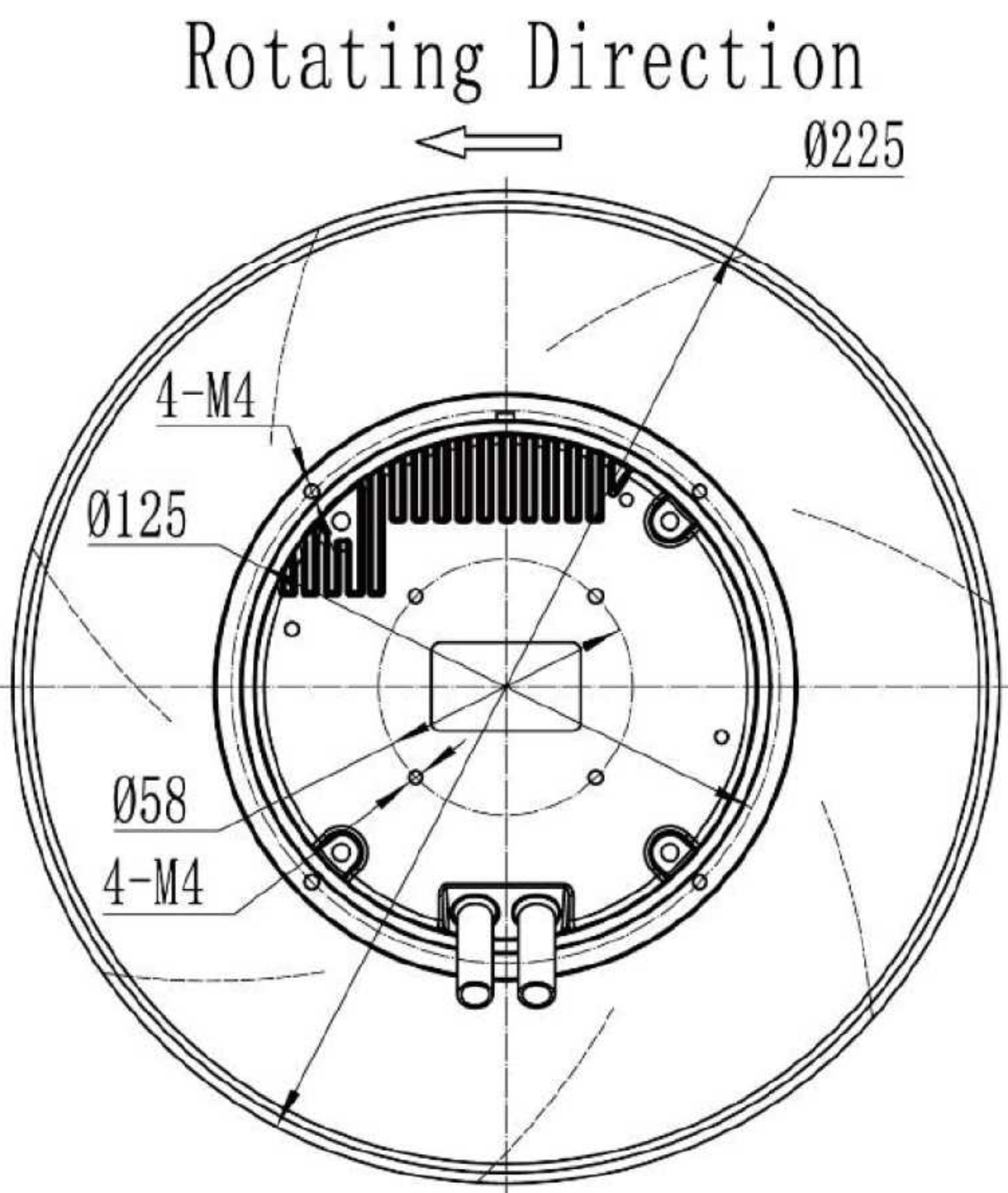
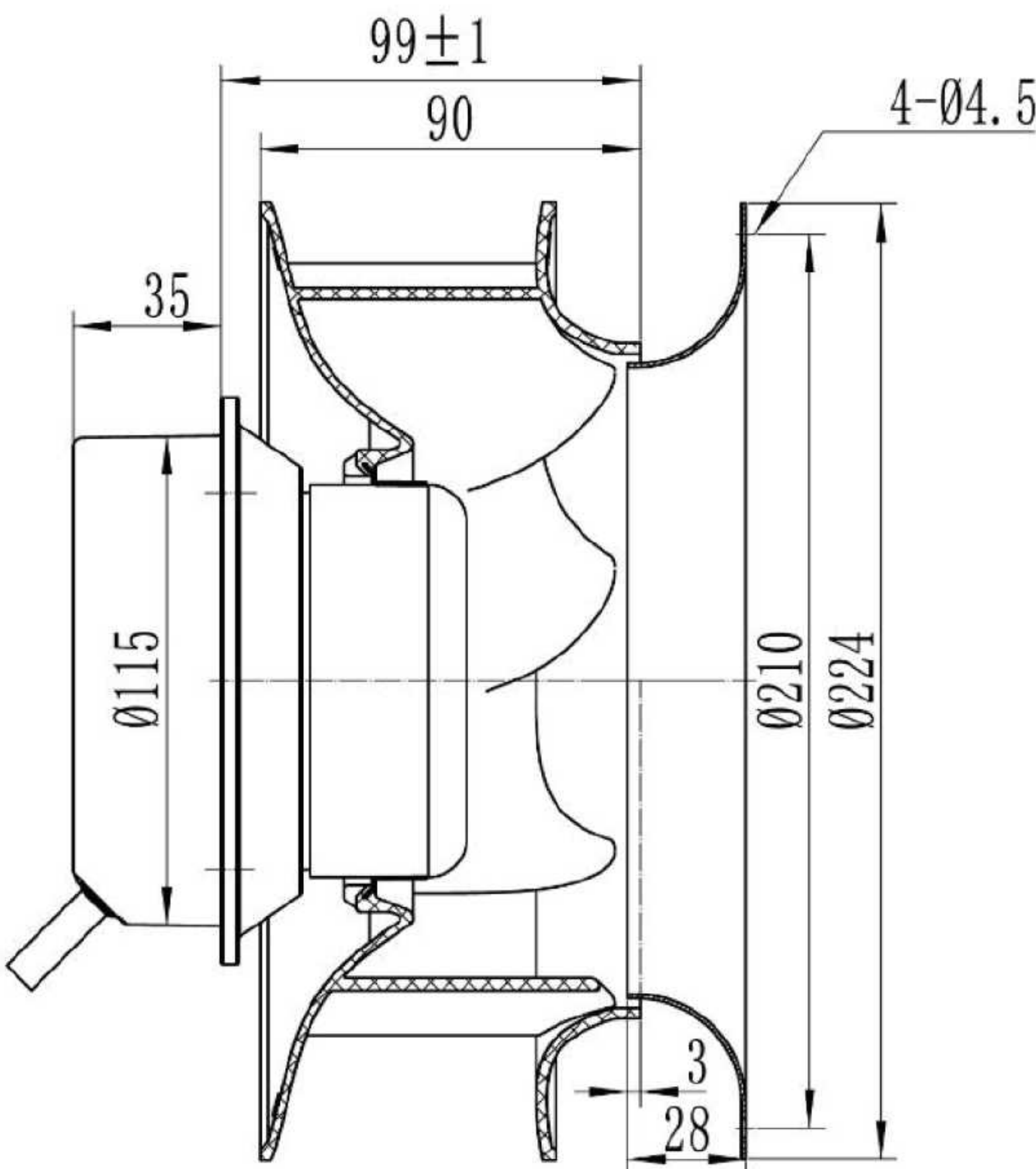
Ø225

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Technical feature: Control input 0-10VDC/PWM
- Type of protection: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Approval: CCC,CE,UL
- Amb.Temp: -25~+60℃

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Curve	Voltage	Frequency	Pst	Air Volume	Speed	Power	Noise
LWBE3G225-092NS-005	A	230V	50/60Hz	0Pa	1240m³/h	2850RPM	123W	70.1dB(A)

EC Backward Curved Centrifugal fans



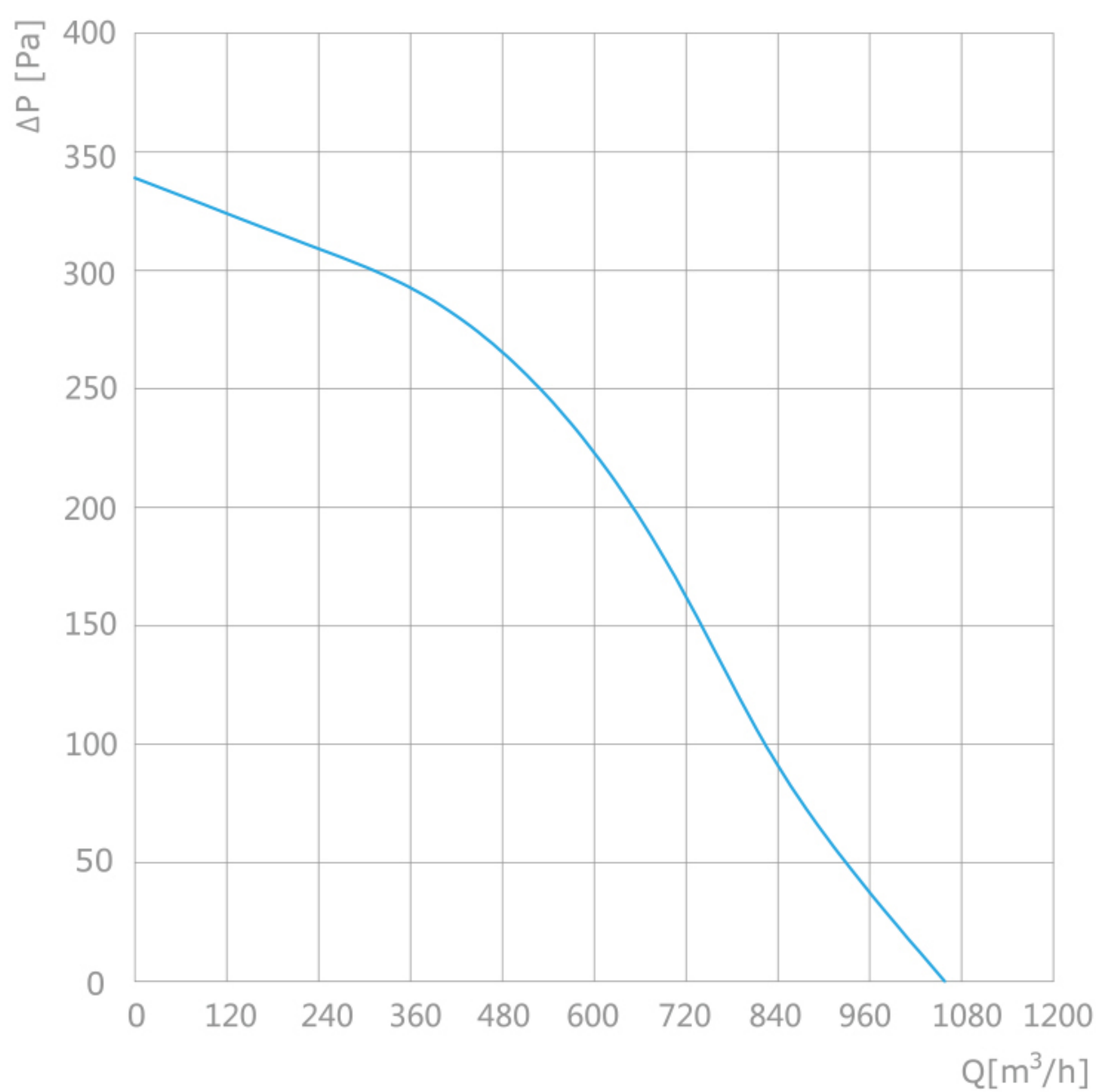
Product Characteristic

Ø225

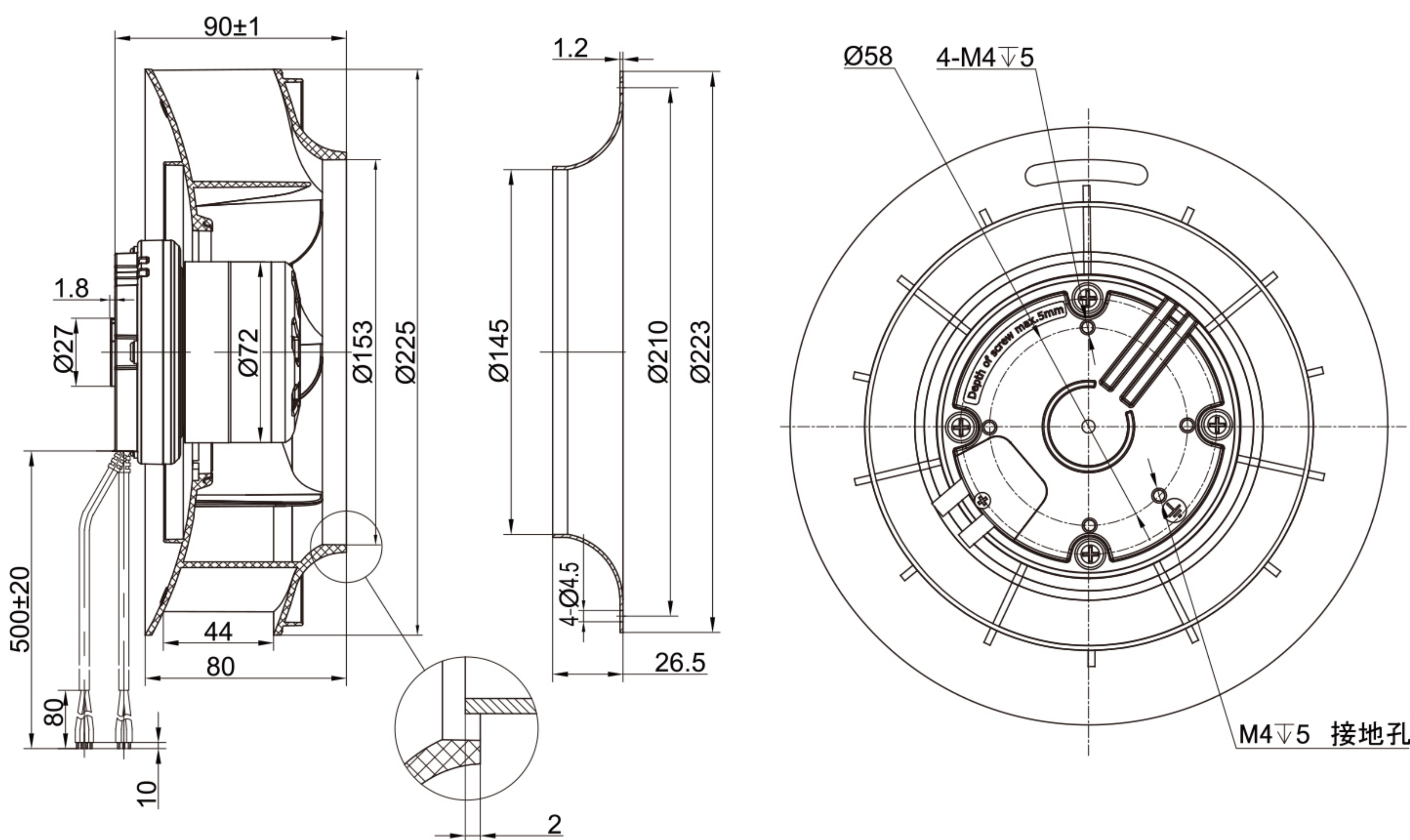
- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G225-072NS-006	230V	50/60Hz	2450RPM	85W	0.7A	65dB(A)	-25℃ ~+60℃

EC Backward curved Centrifugal Fans

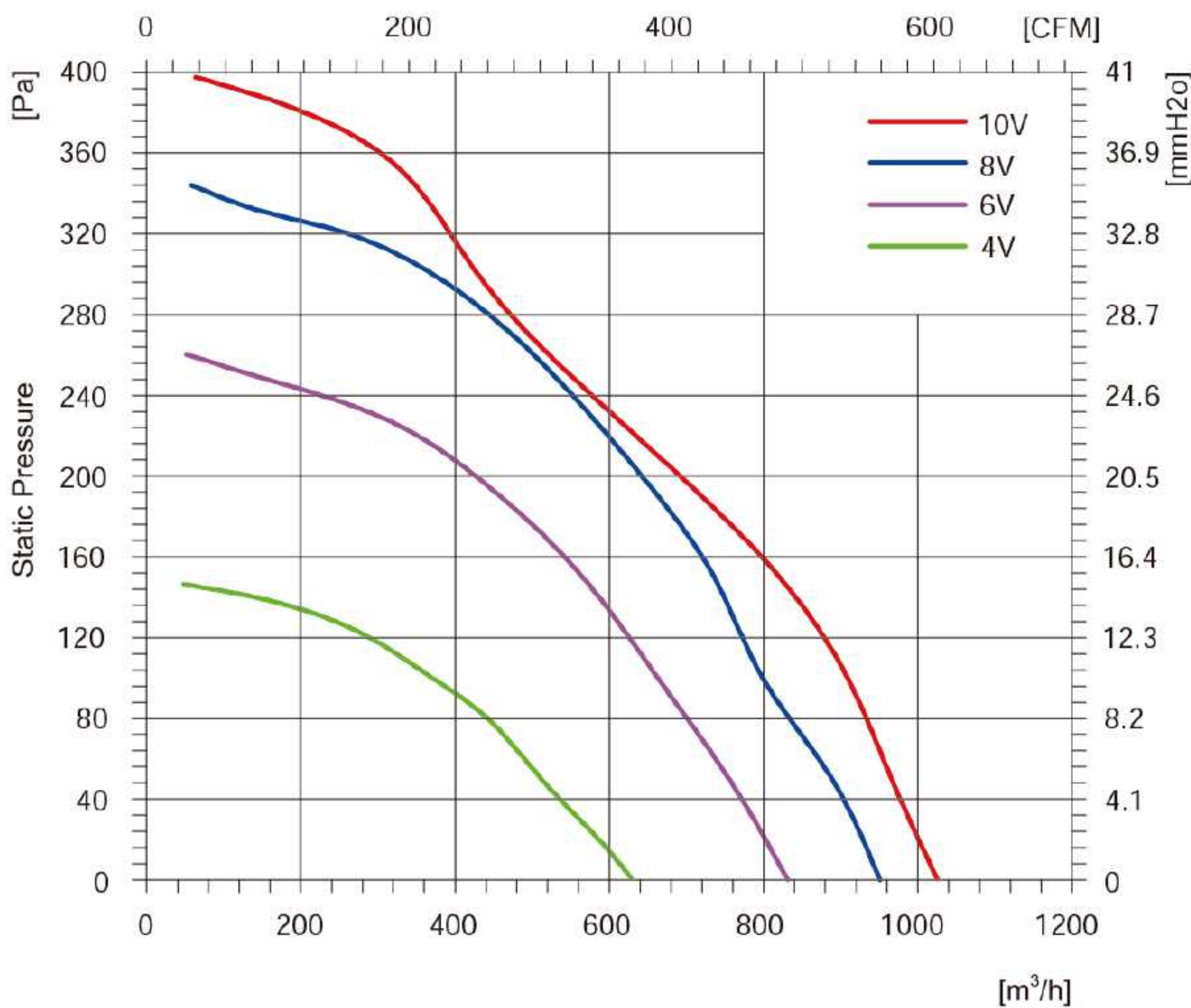


Product Characteristic

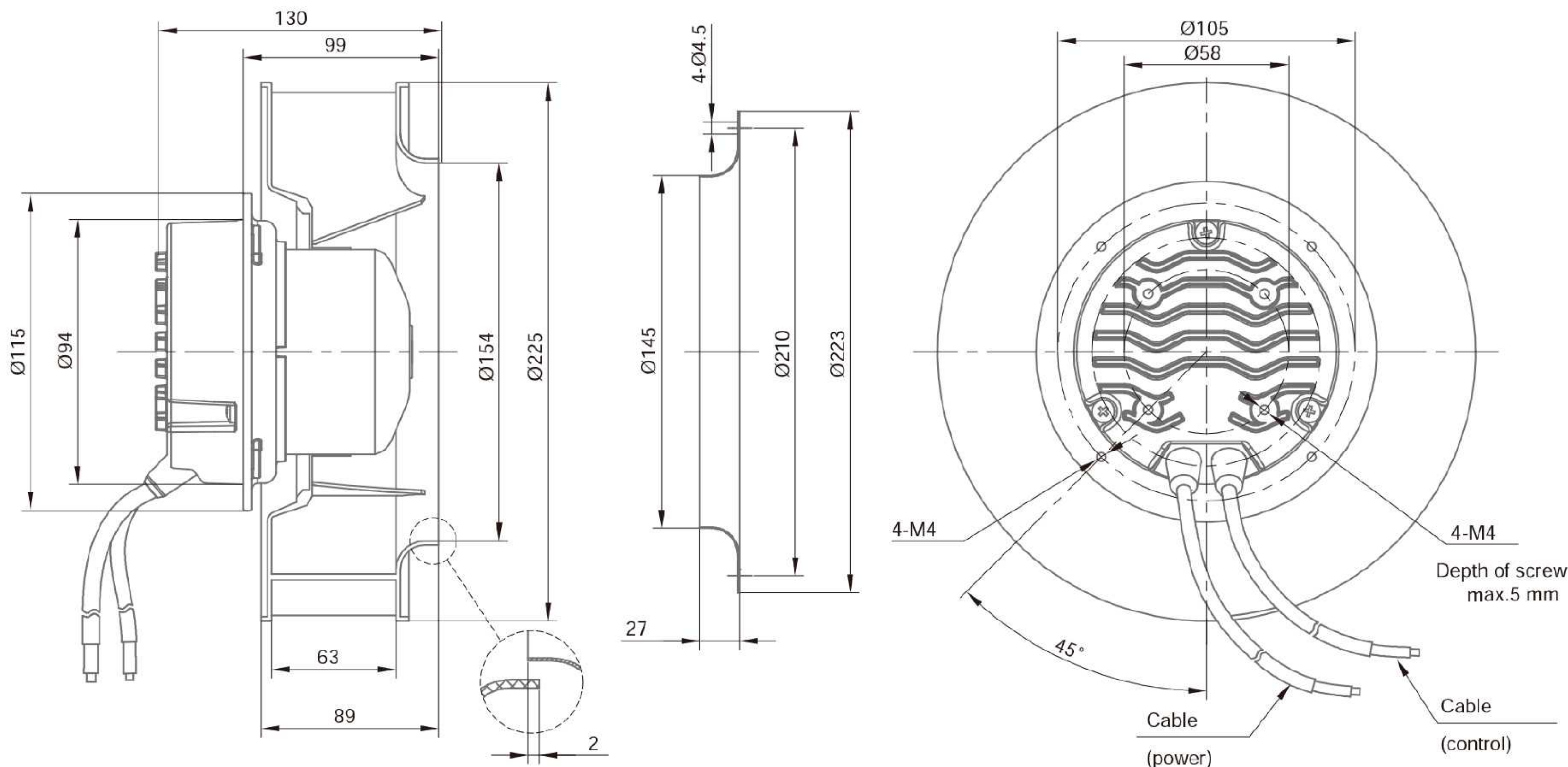
Ø225

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G225-072NS-006	230V	50/60Hz	95W	0.8A	1025m³/h	2500RPM	65dB(A)	1.7kg

EC Backward Curved Centrifugal fans

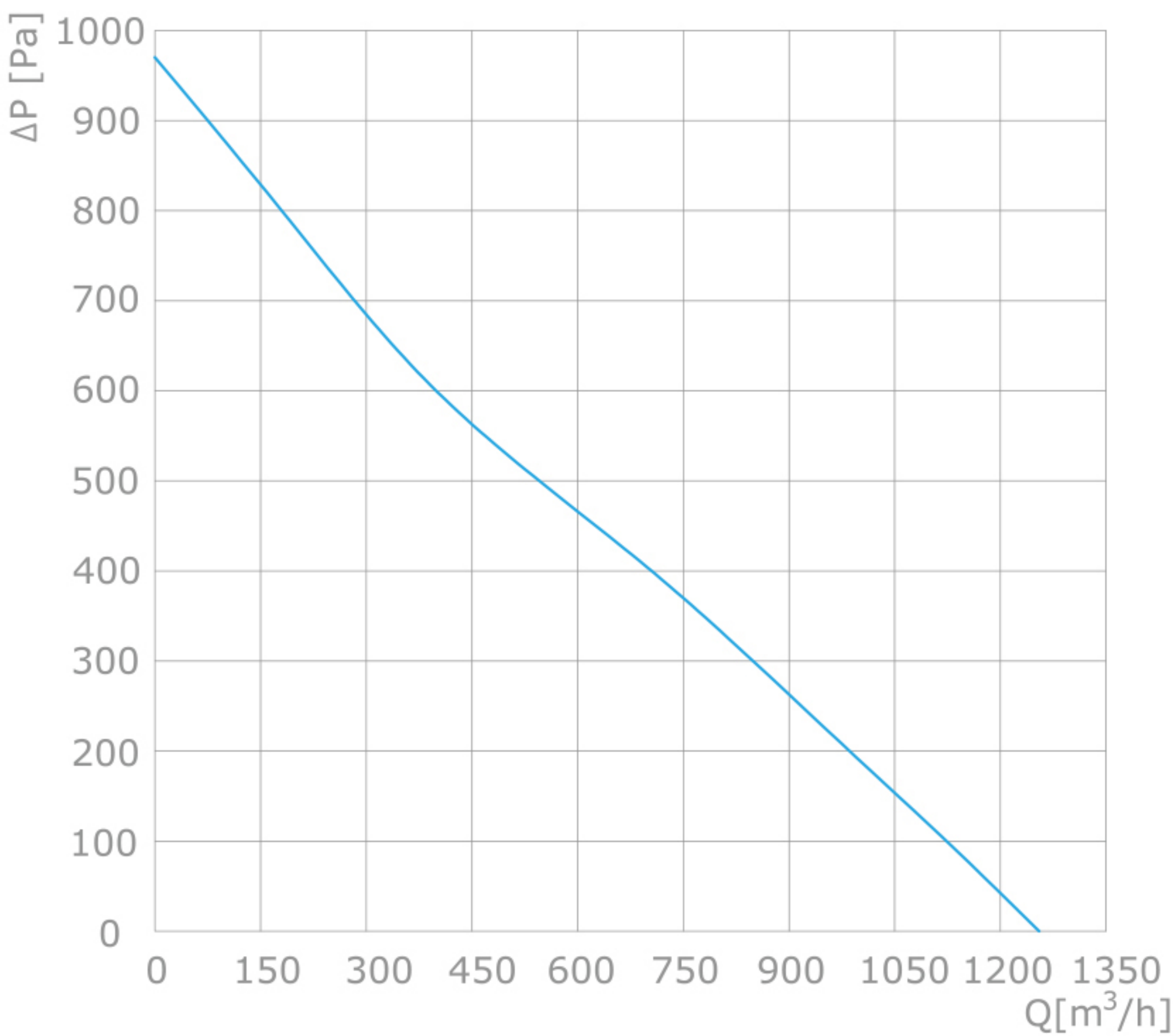
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

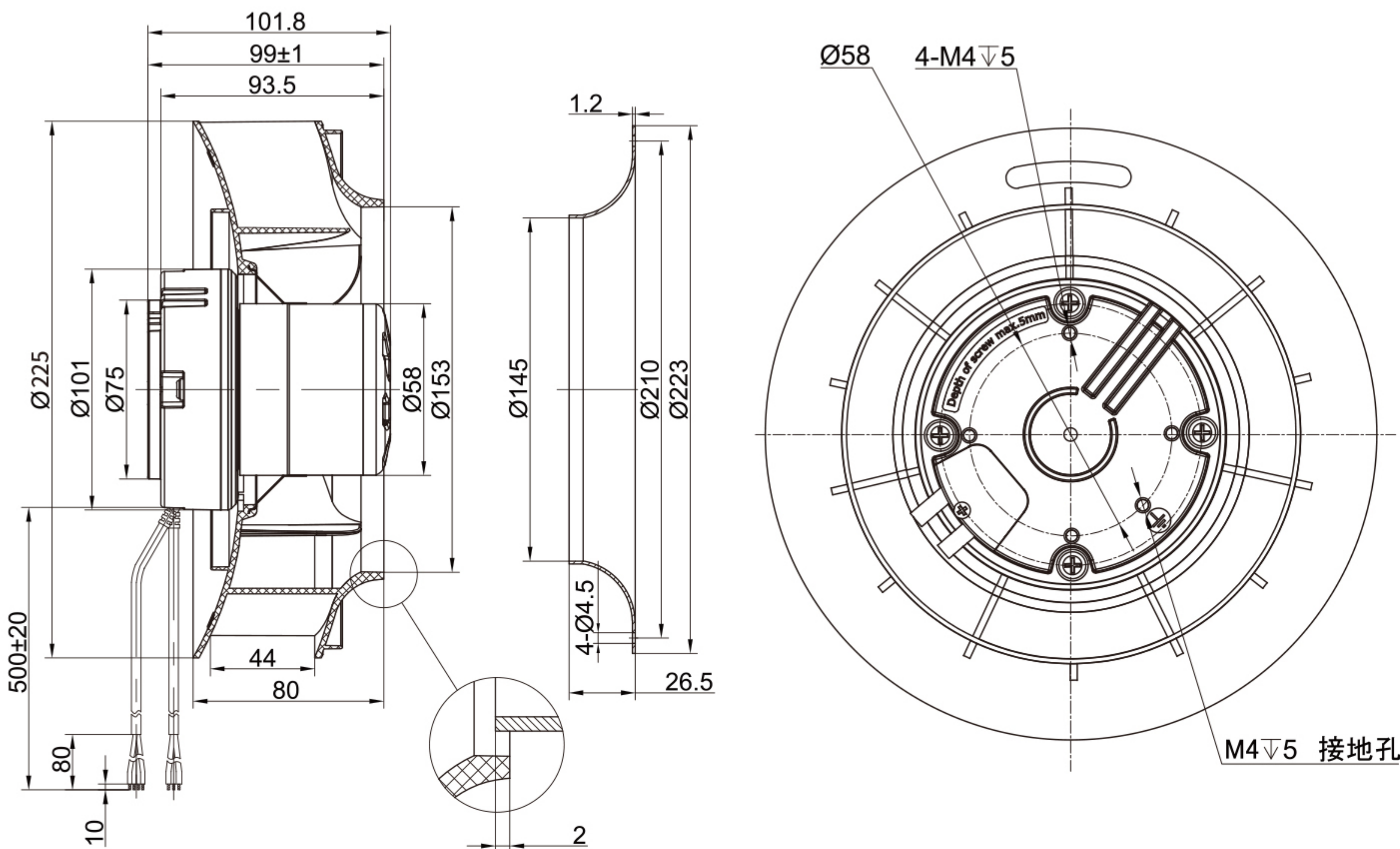
Ø225



Flow Rate Curve



Product Drawing

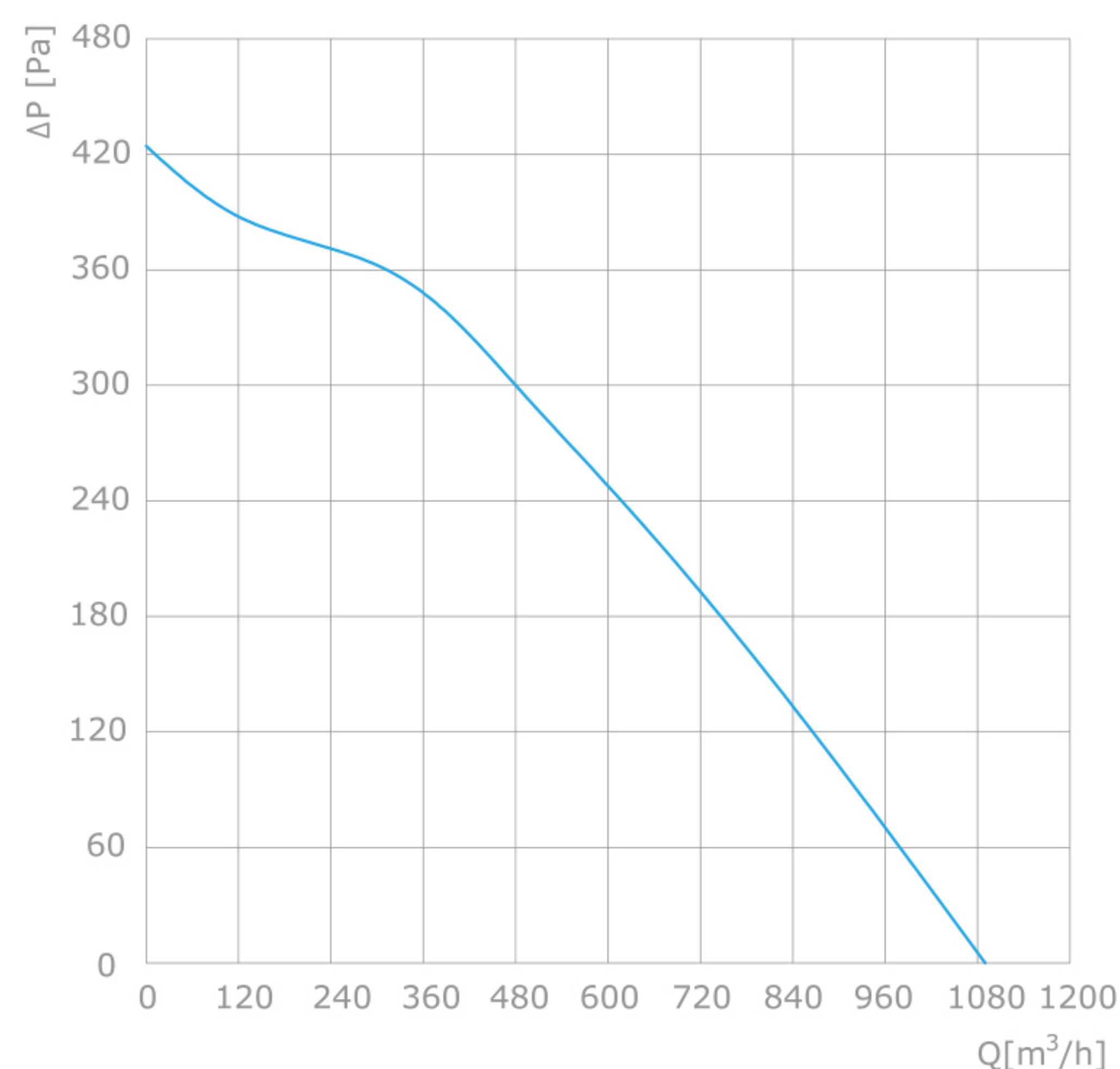
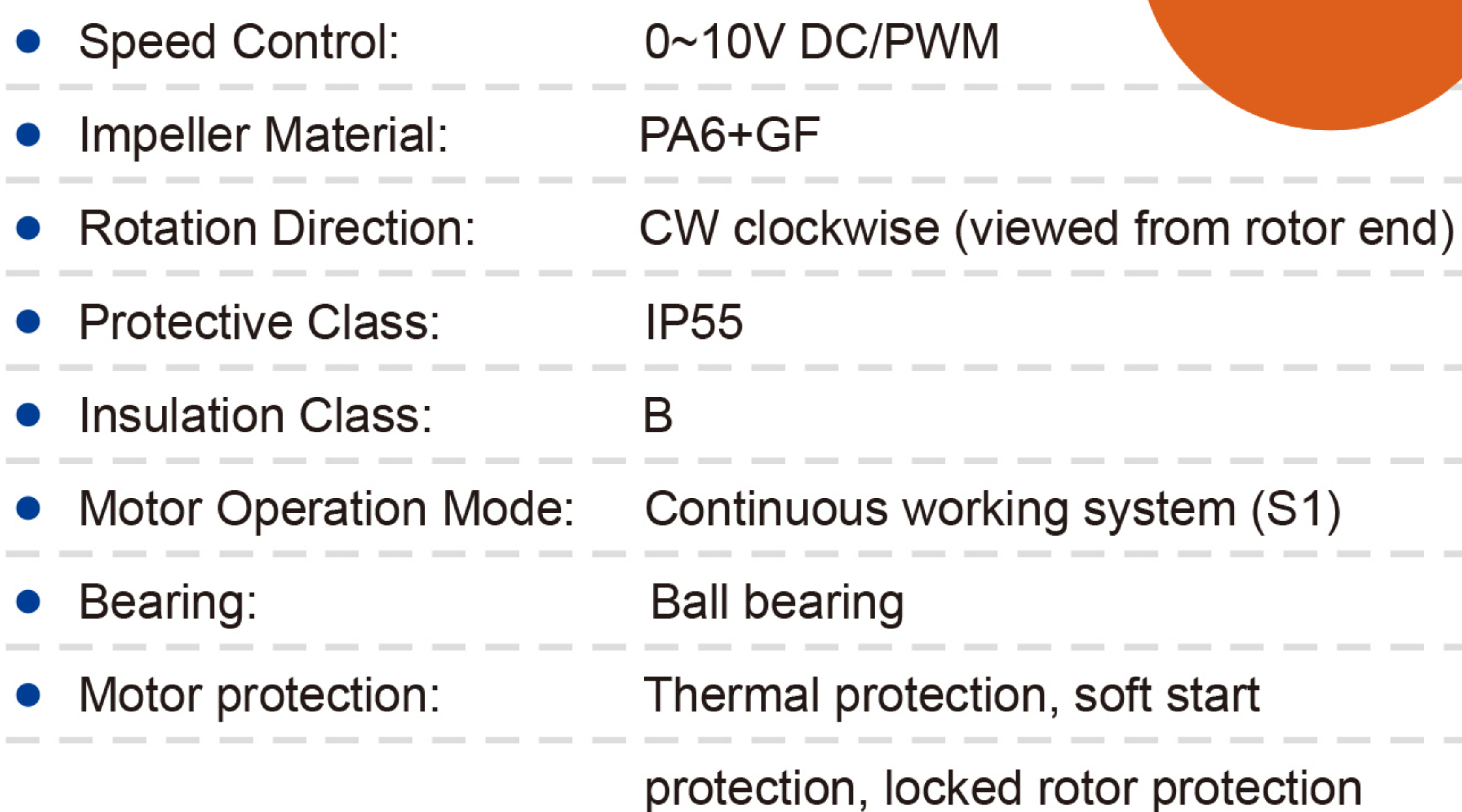


Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G225-072NS-007	230V	50/60Hz	2950RPM	168W	1.26A	70dB(A)	-25℃ ~+60℃

Product Characteristic

Ø 225



Product Drawing



Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G225-072NS-008	230V	50/60Hz	2140RPM	85W	0.68A	65dB(A)	-25℃~+60℃

EC Backward Curved Centrifugal fans

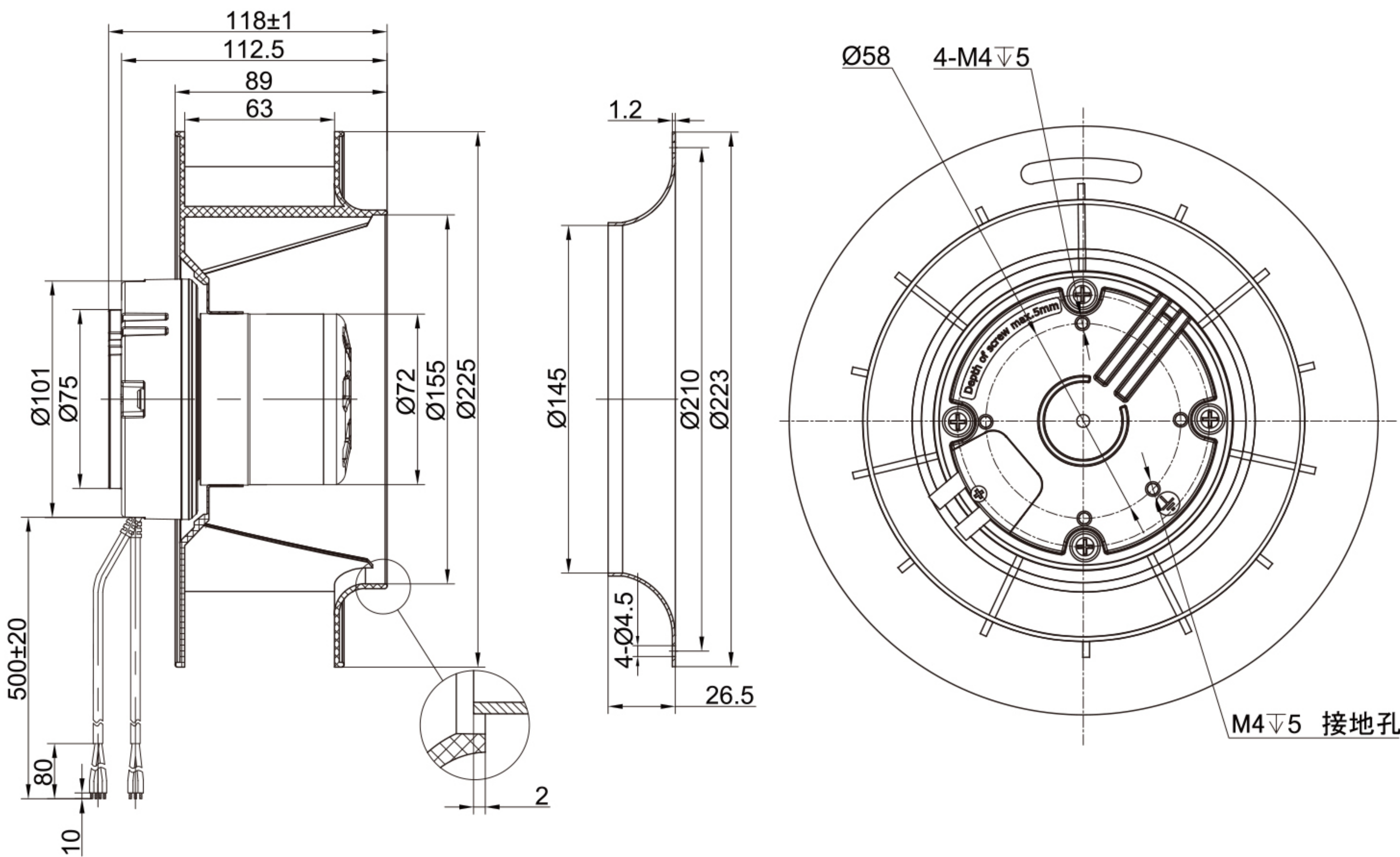
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

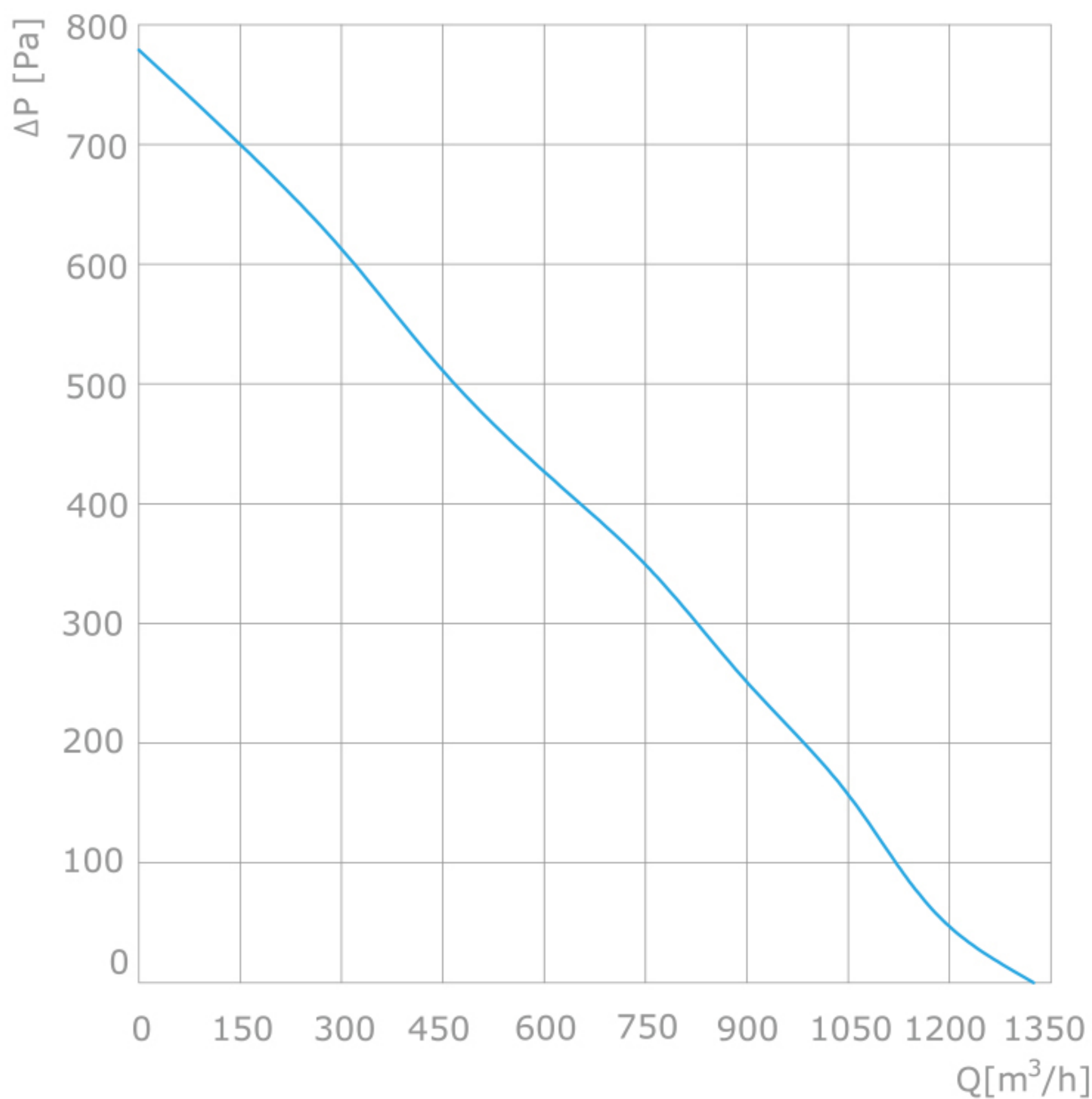
Ø225



Product Drawing



Flow Rate Curve



Technical Specifications

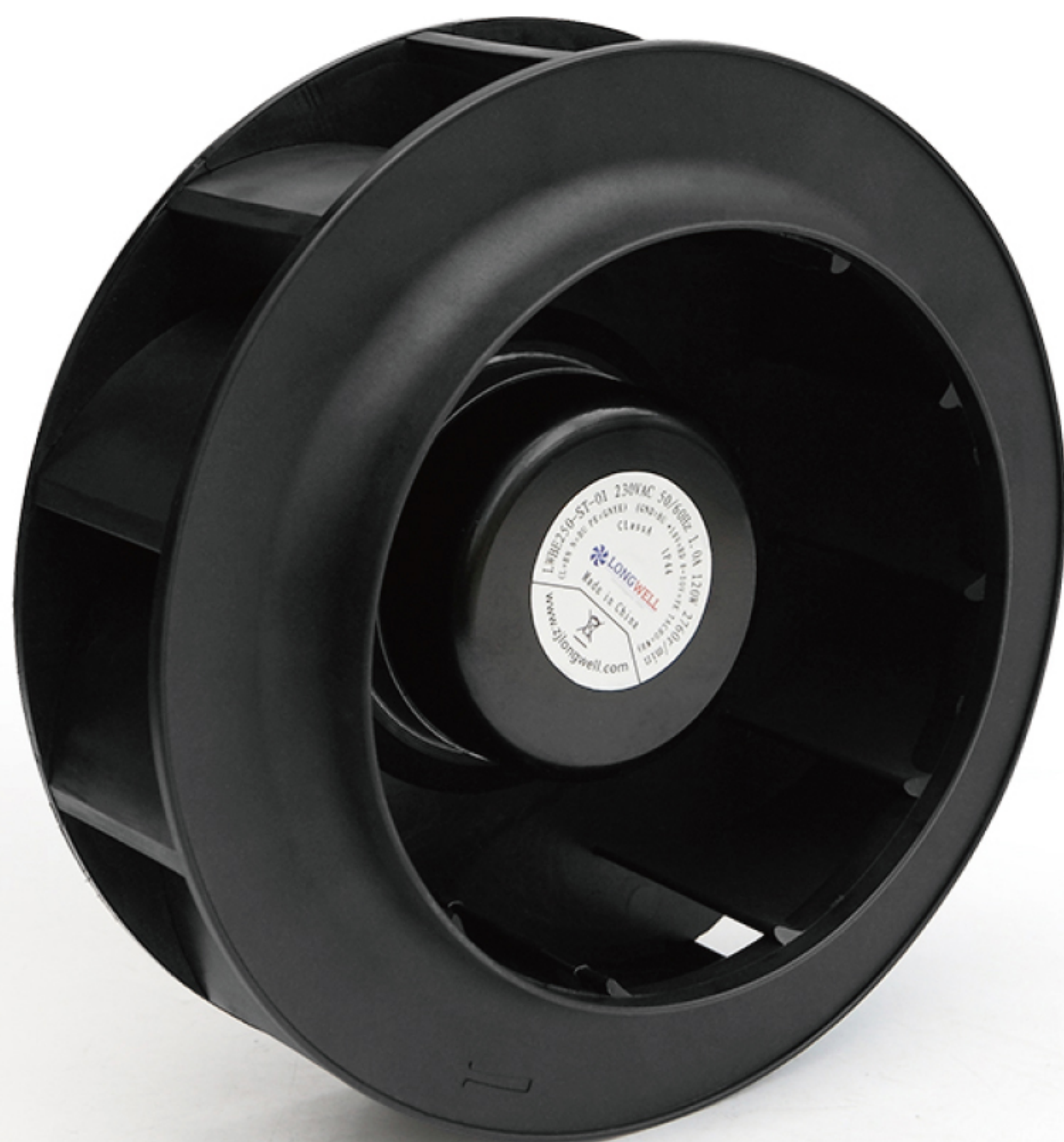
Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G225-072NS-009	230V	50/60Hz	2950RPM	168W	1.26A	70dB(A)	-25℃ ~+60℃

EC Backward curved Centrifugal Fans

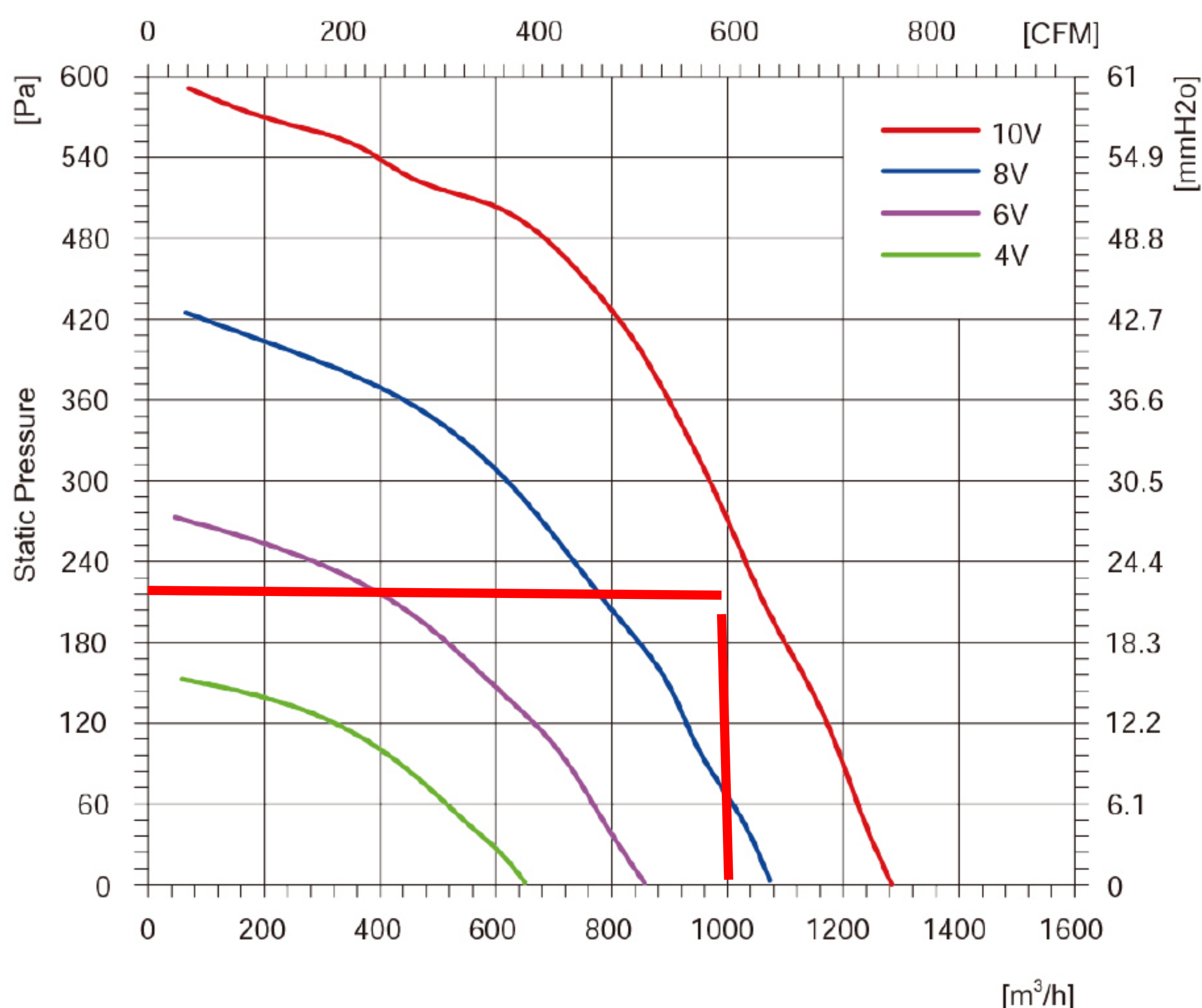
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Plastic
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

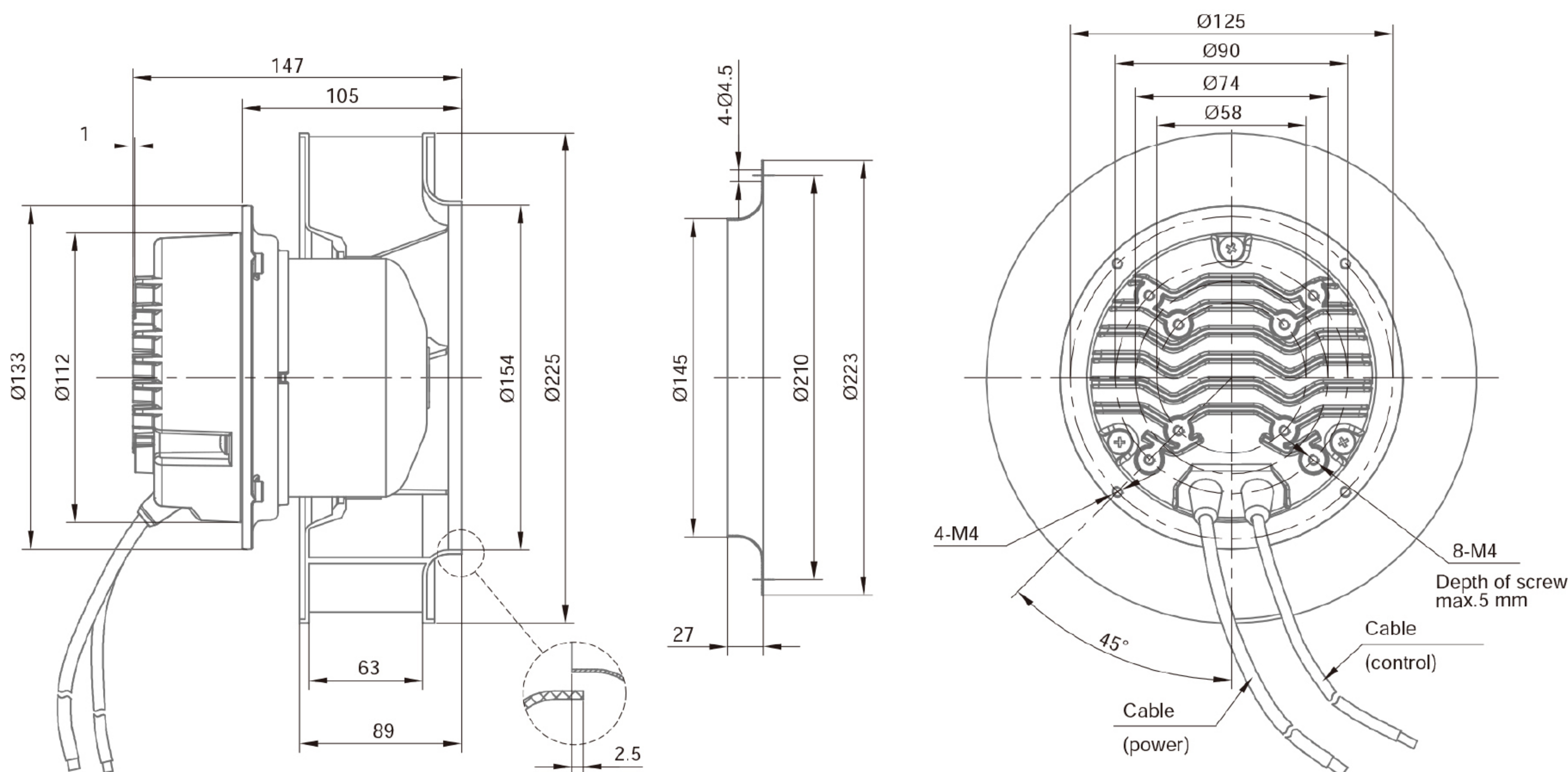
Ø225



Flow Rate Curve



Product Drawing

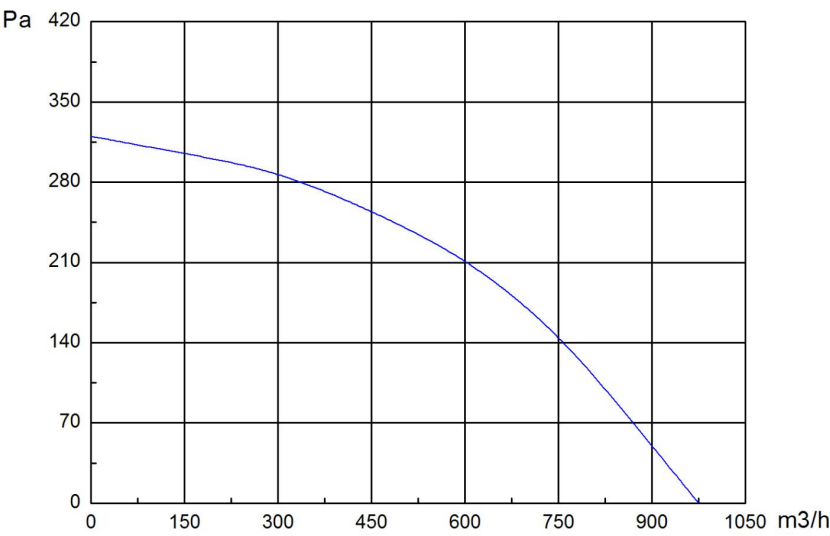


Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G225-092NS-010	230V	50/60Hz	210W	1.6A	1280m³/h	3000RPM	68dB(A)	2.6kg

EC CENTRIFUGAL FAN

LWBE3G250-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

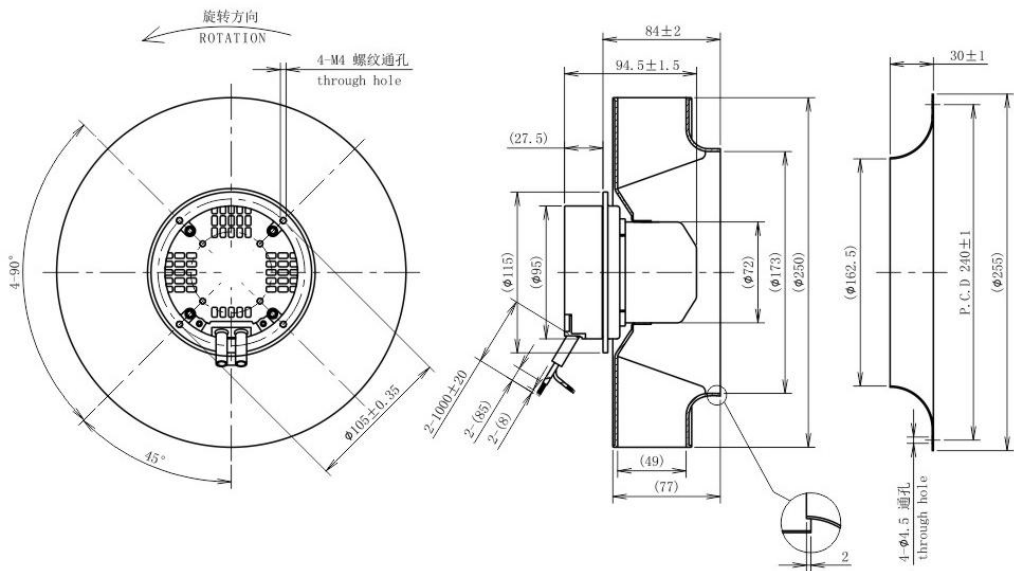
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

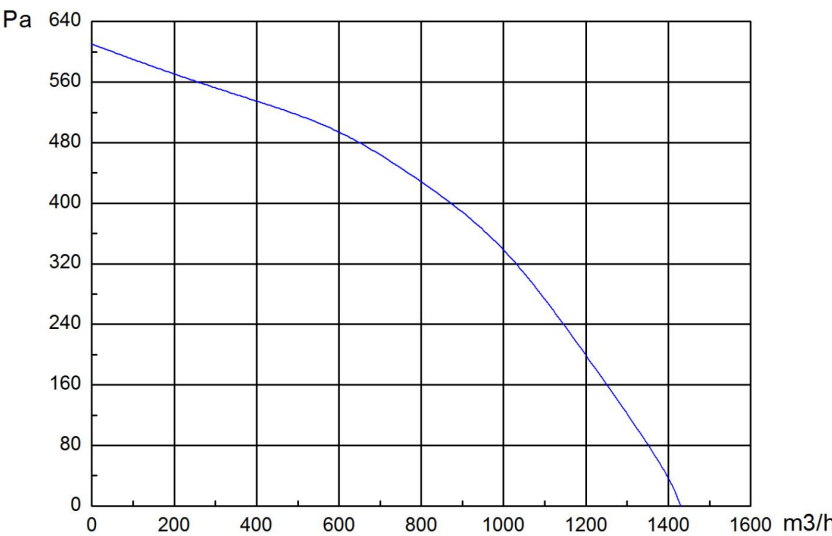
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G250-072NS-001	Ball	230	200-277	0.4	60	2250	975	320	65



EC CENTRIFUGAL FAN

LWBE3G250-072



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

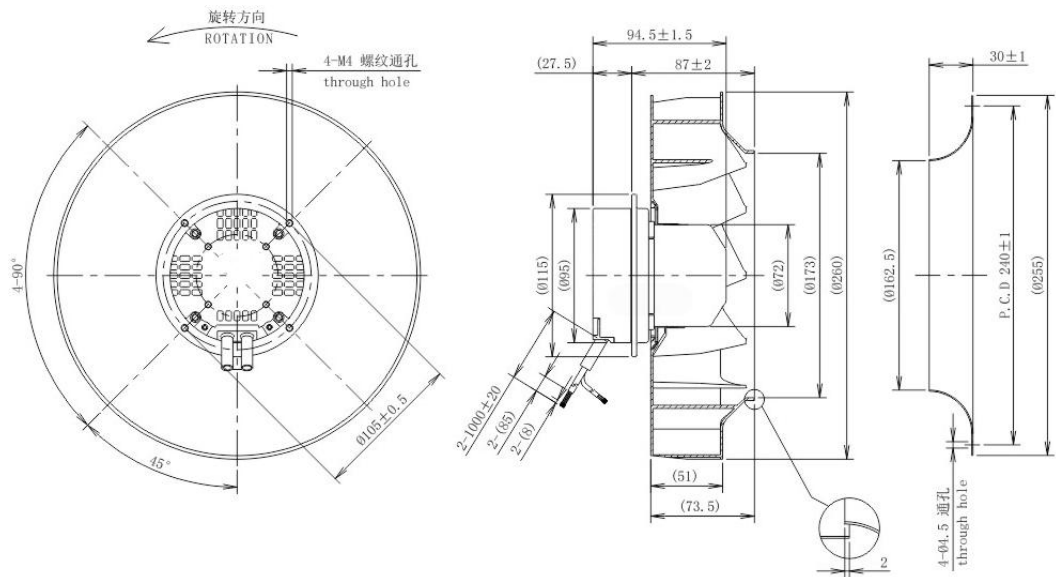
Bearing Type : Ball Bearing

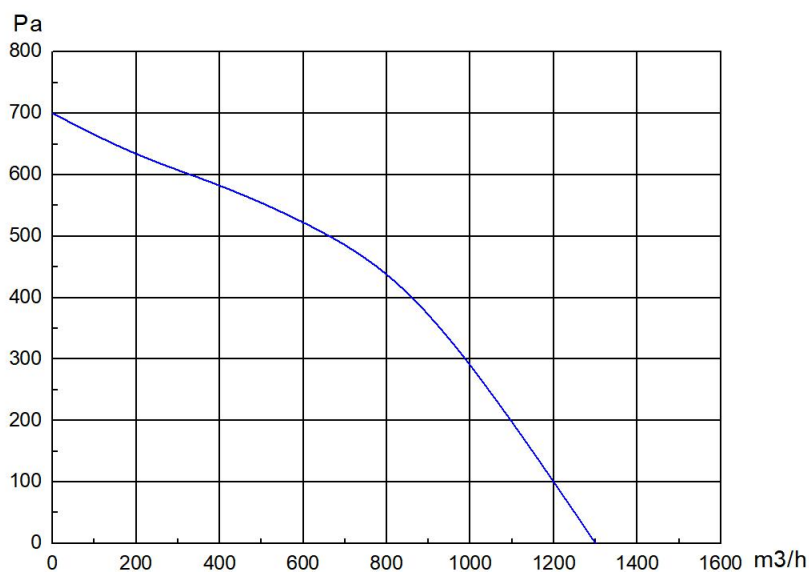
Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G250-072NS-002	Ball	230	200-277	0.8	90	2150	1420	610	68





Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

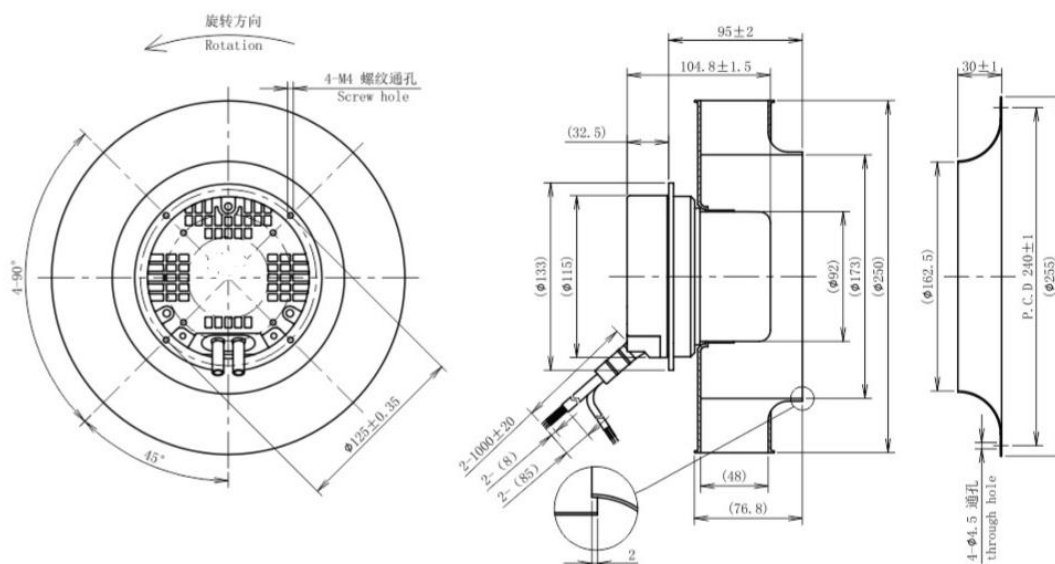
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

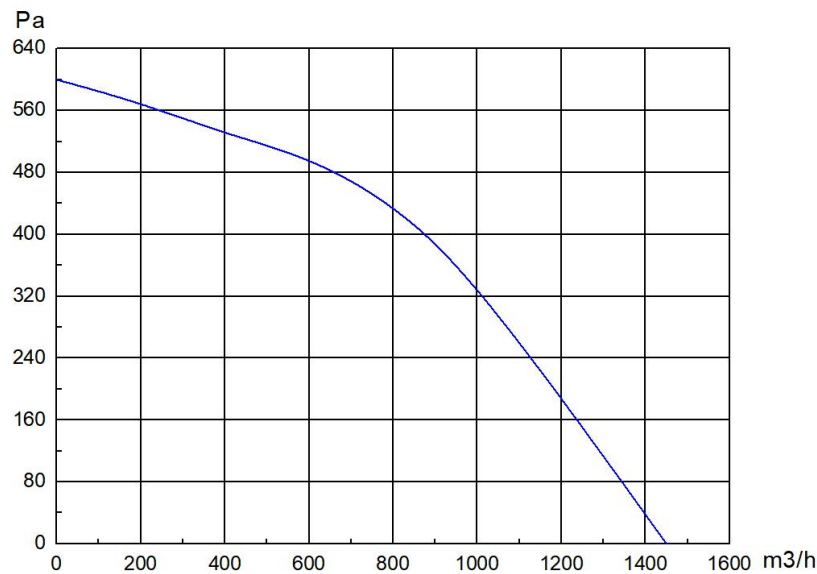
- Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G250-092NS-003	Ball	230	200-277	1.1	145	3080	1300	700	75



EC CENTRIFUGAL FAN

LWBE3G250-092



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

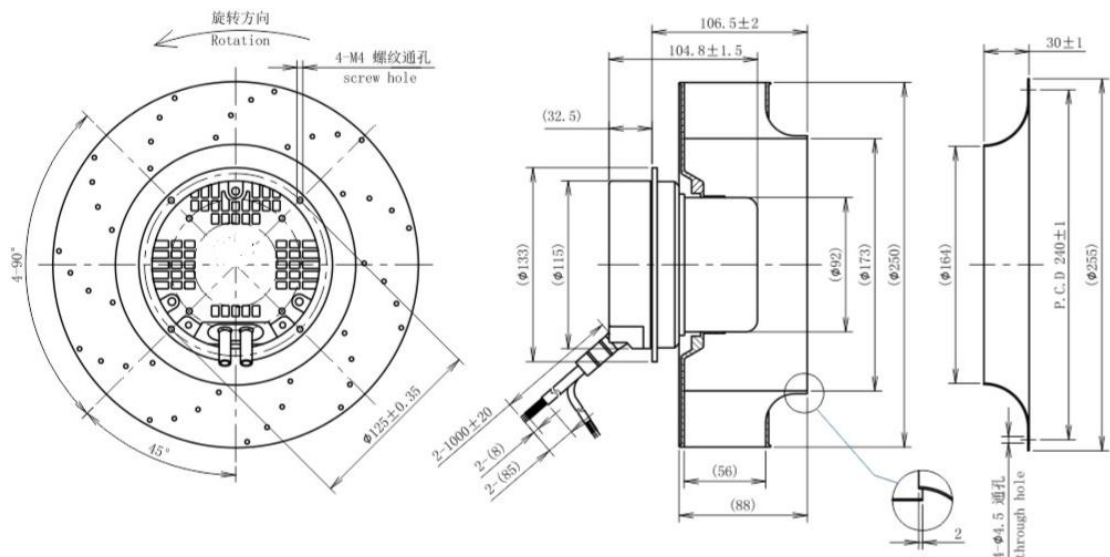
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

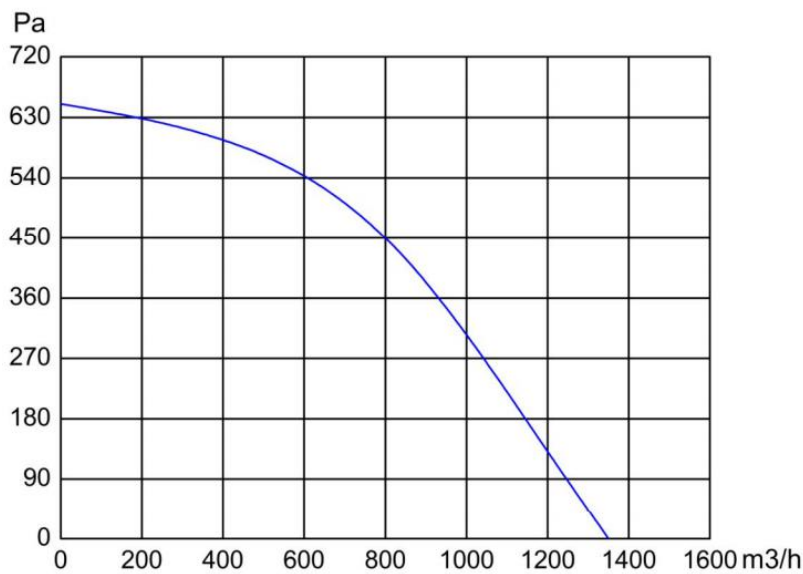
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G250-092NS-004	Ball	230	200-277	0.87	130	2850	1450	620	75



EC CENTRIFUGAL FAN

LWBE3G250-092



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

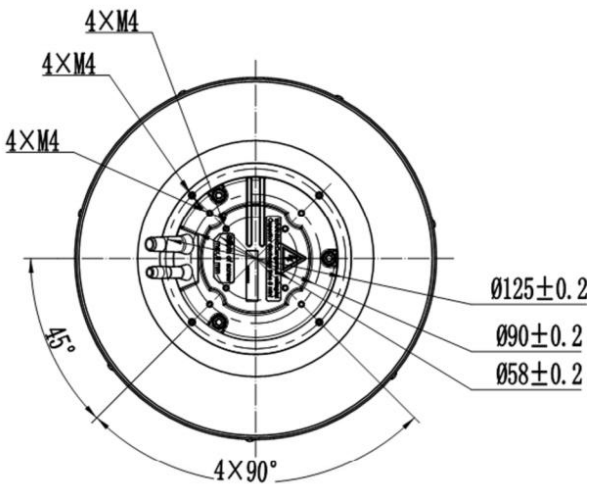
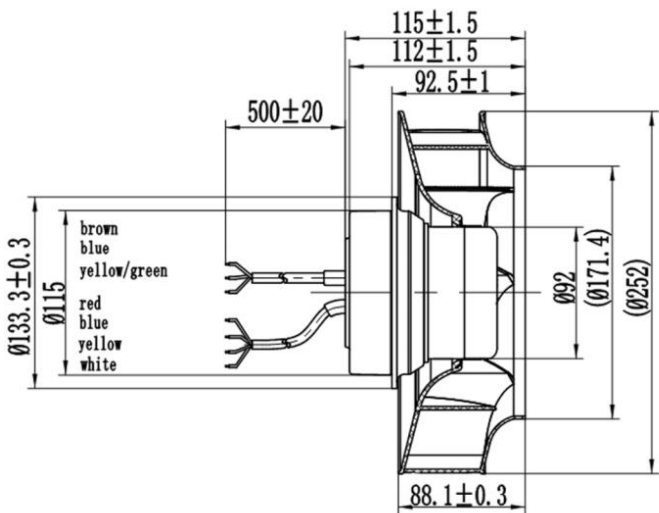
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

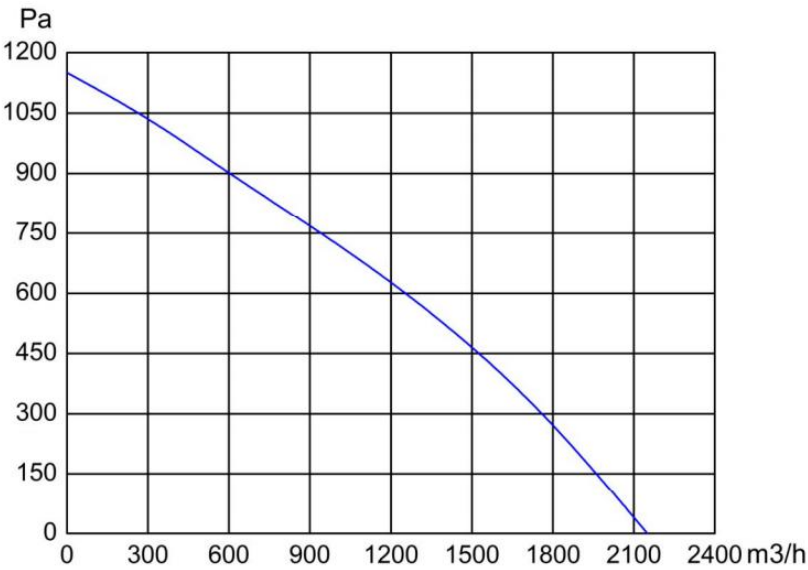
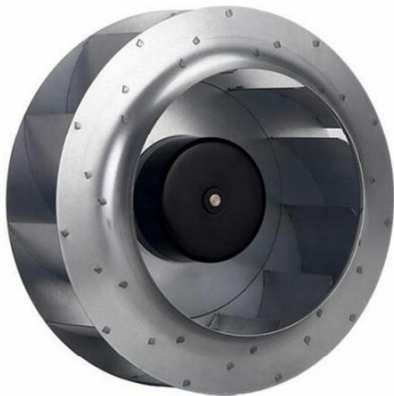
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G250-092NS-005	Ball	230	200-277	0.96	123	2760	1333	645	71



EC CENTRIFUGAL FAN

LWBE3G250-092



Motor Type : BLEC Motor

Impeller Material : Propylene with Glass-Fiber

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

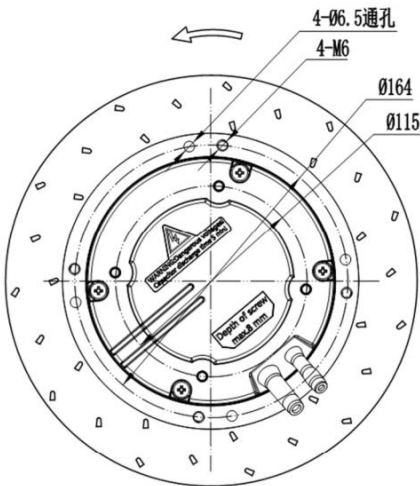
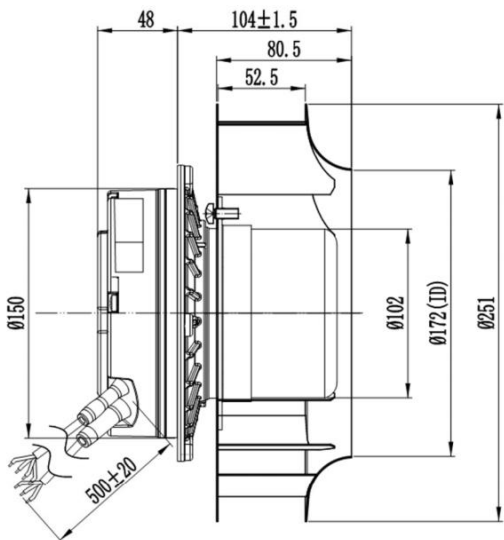
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G250-102NS-006	Ball	230	200-277	3.2	485	3580	2124	1150	80



EC Backward Curved Centrifugal fans



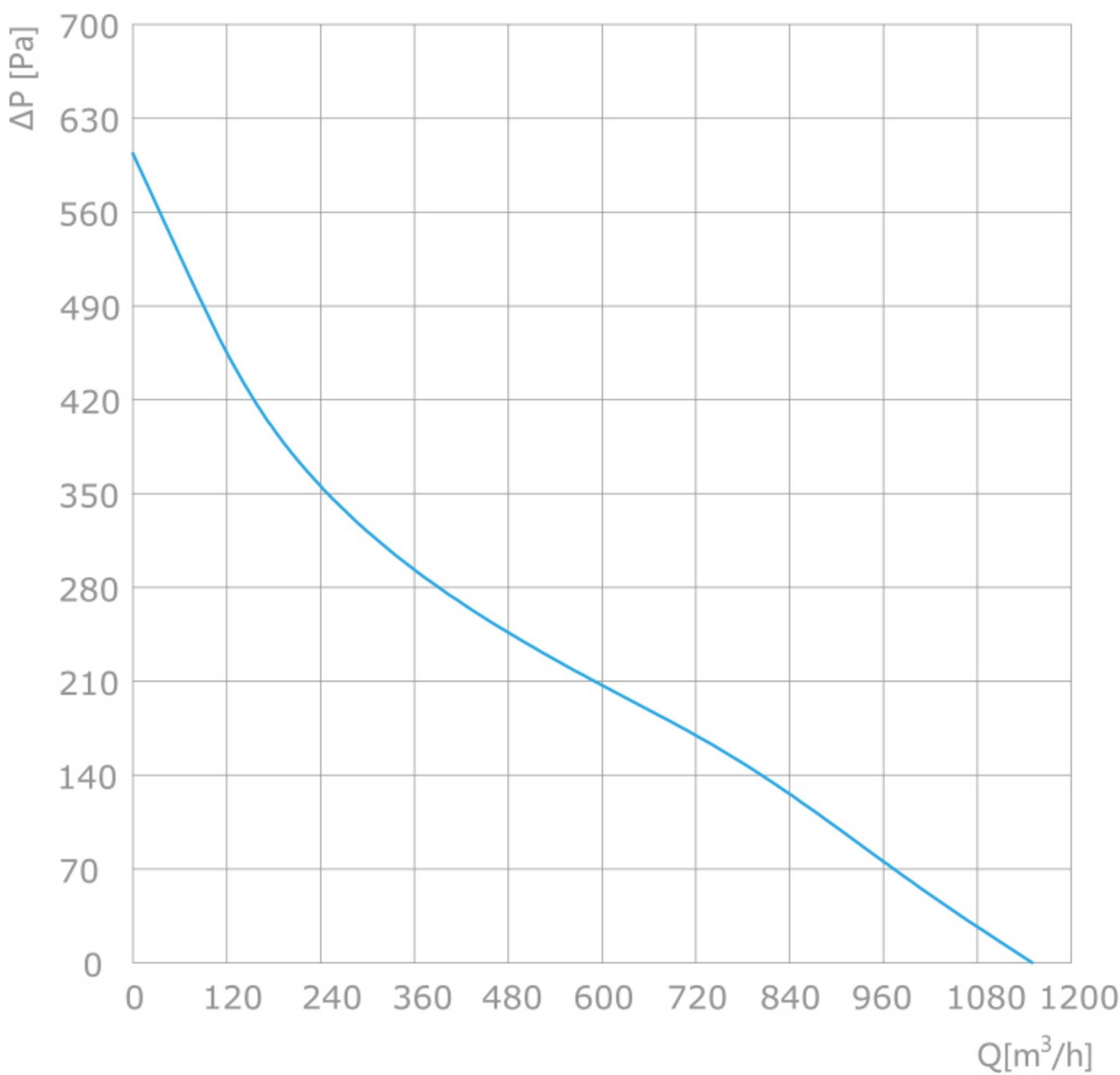
Product Characteristic

Ø250

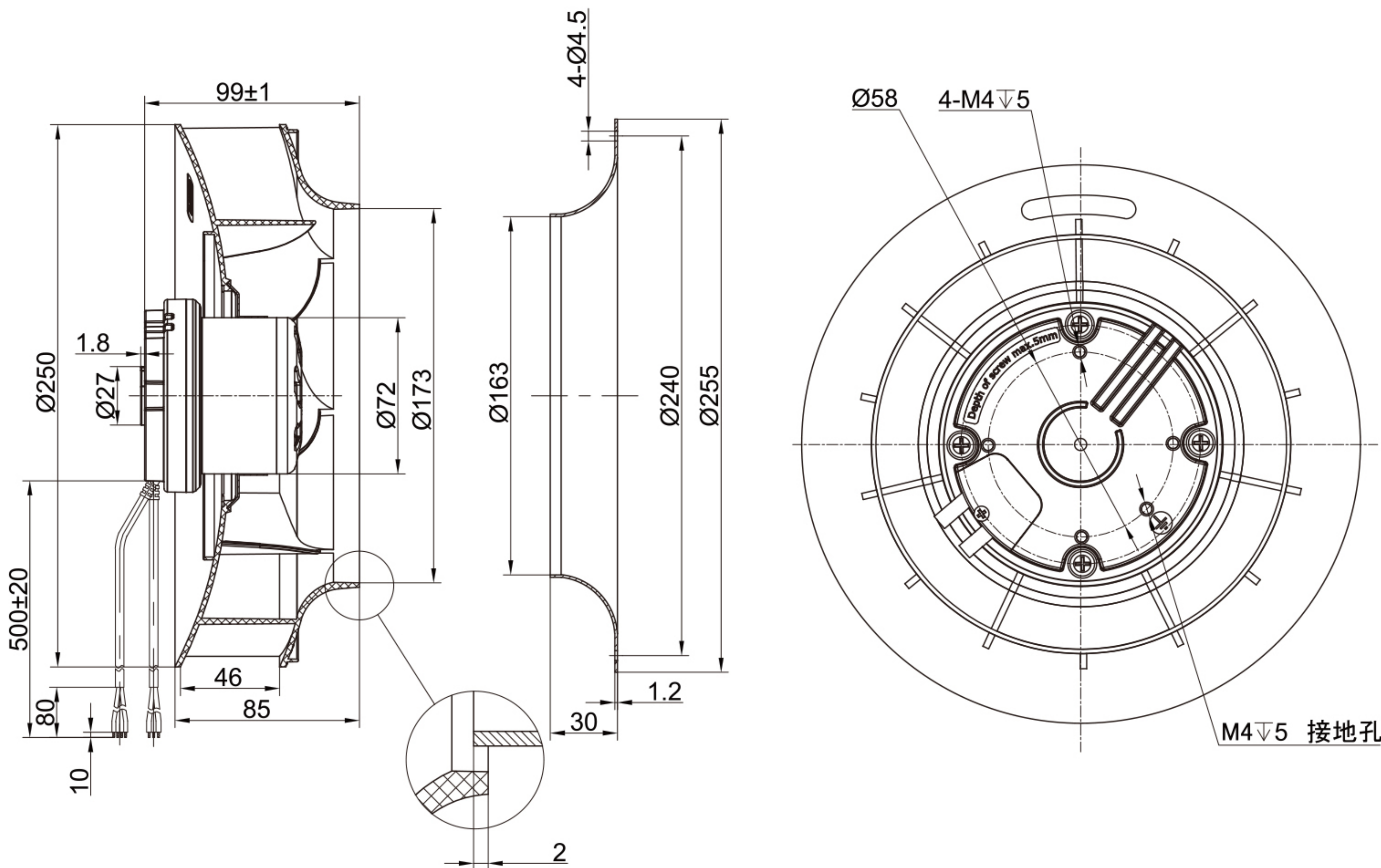
- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G250-072NS-008	230V	50/60Hz	1810RPM	85W	0.68A	62dB(A)	-25℃ ~+60℃

EC Backward Curved Centrifugal fans

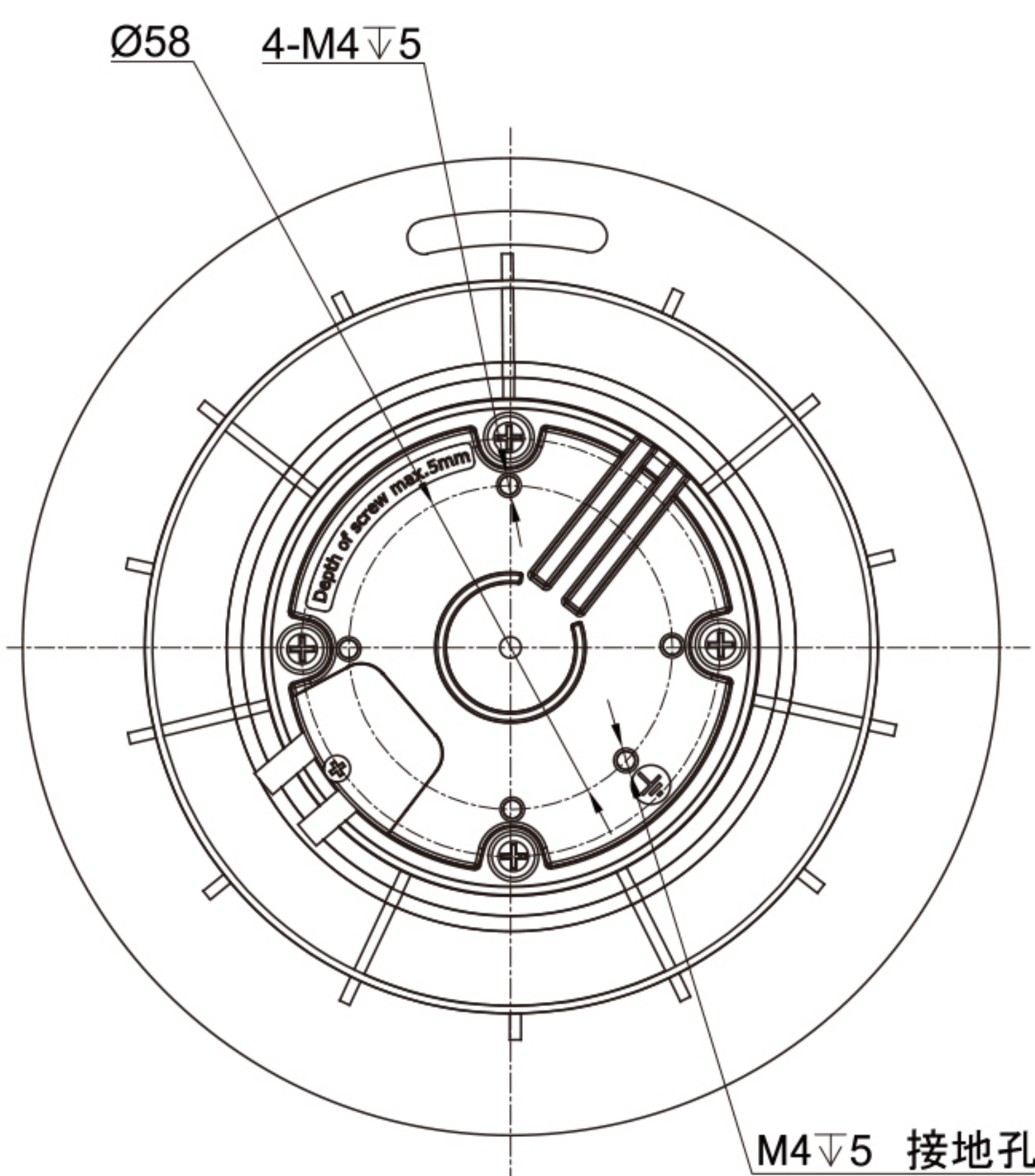
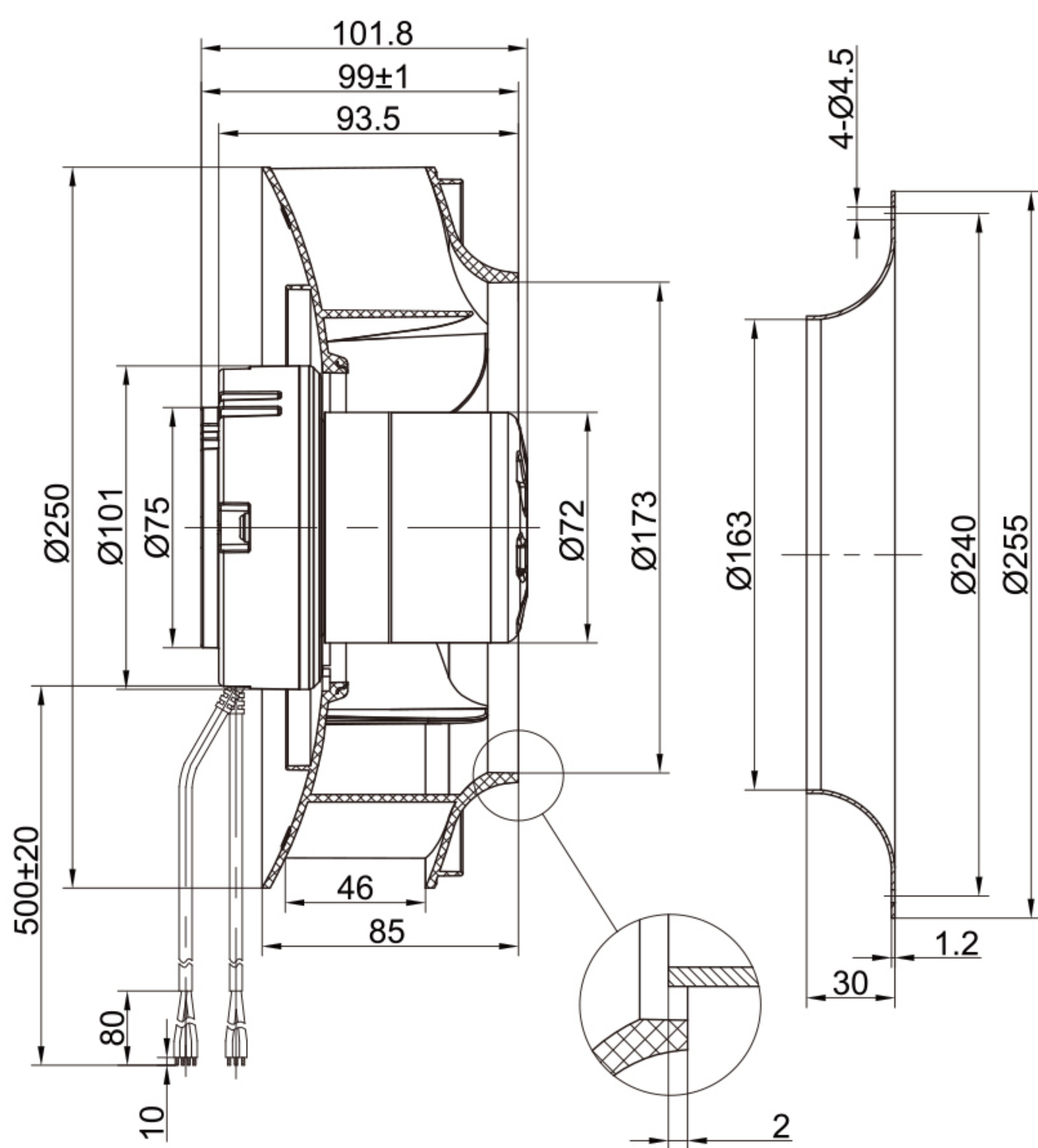
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: PA6+GF
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

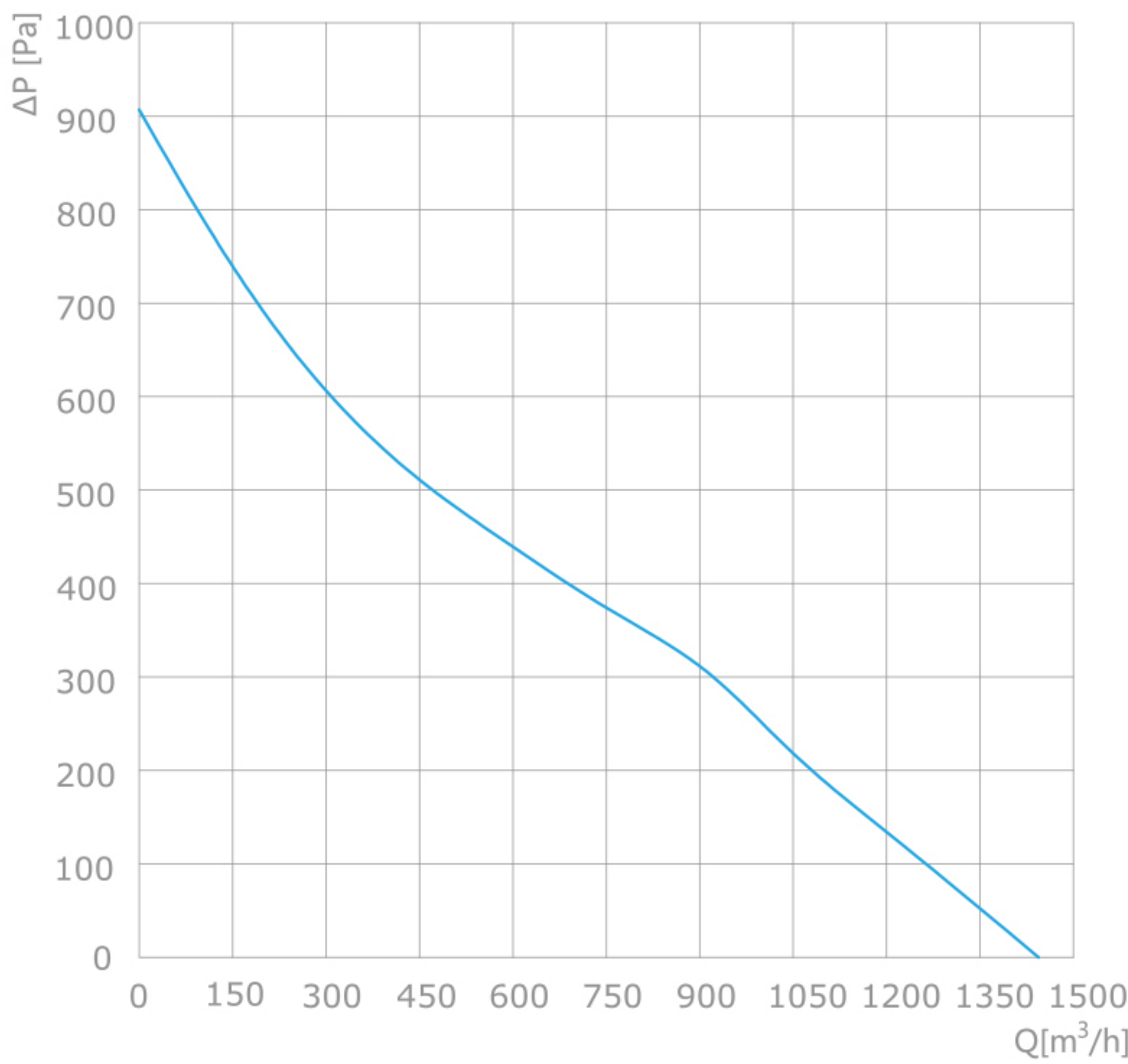
Ø250



Product Drawing



Flow Rate Curve



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G250-072NS-009	230V	50/60Hz	2570RPM	169W	1.27A	71dB(A)	-25℃ ~+60℃

EC Backward Curved Centrifugal fans

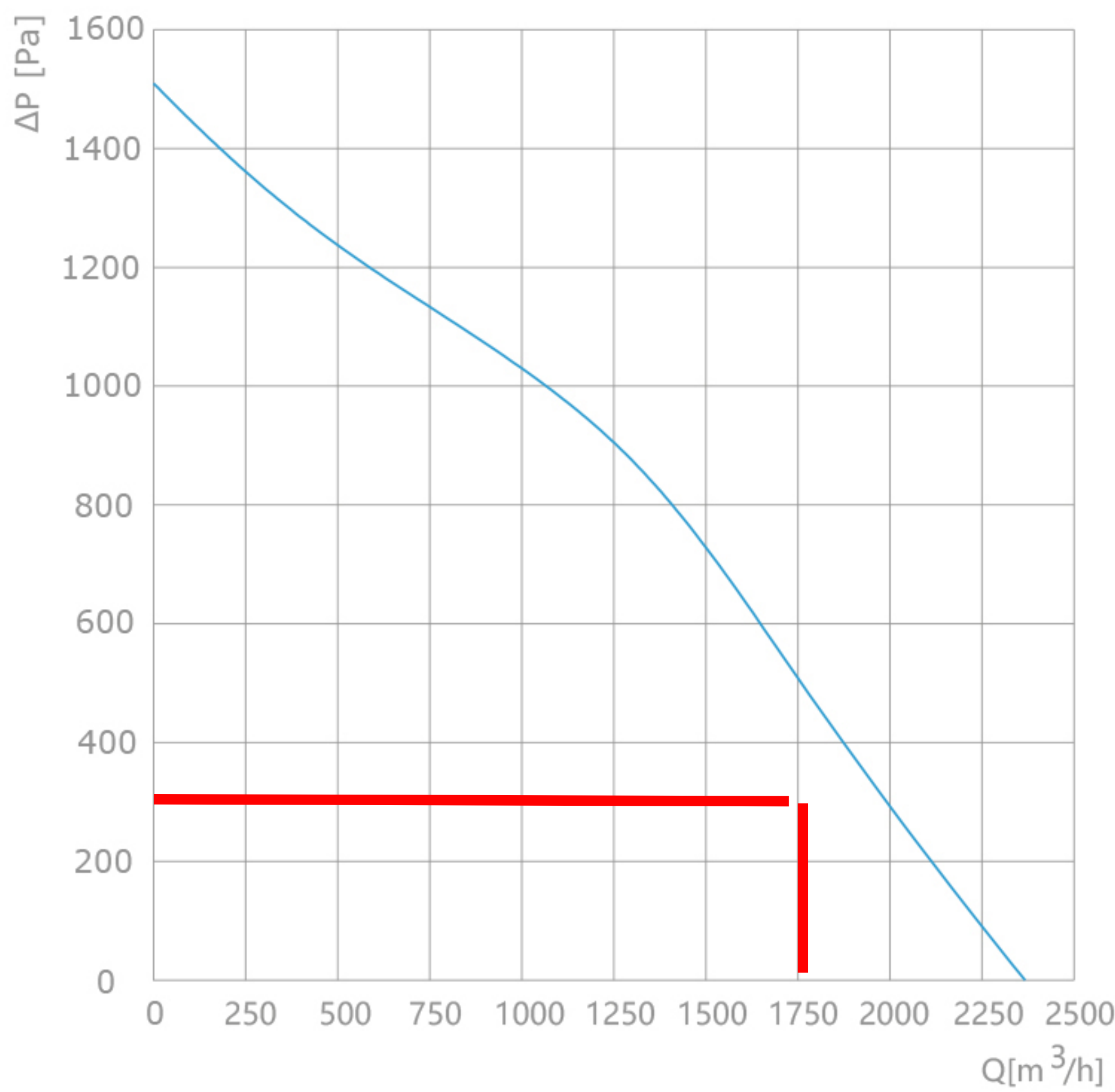


Product Characteristic

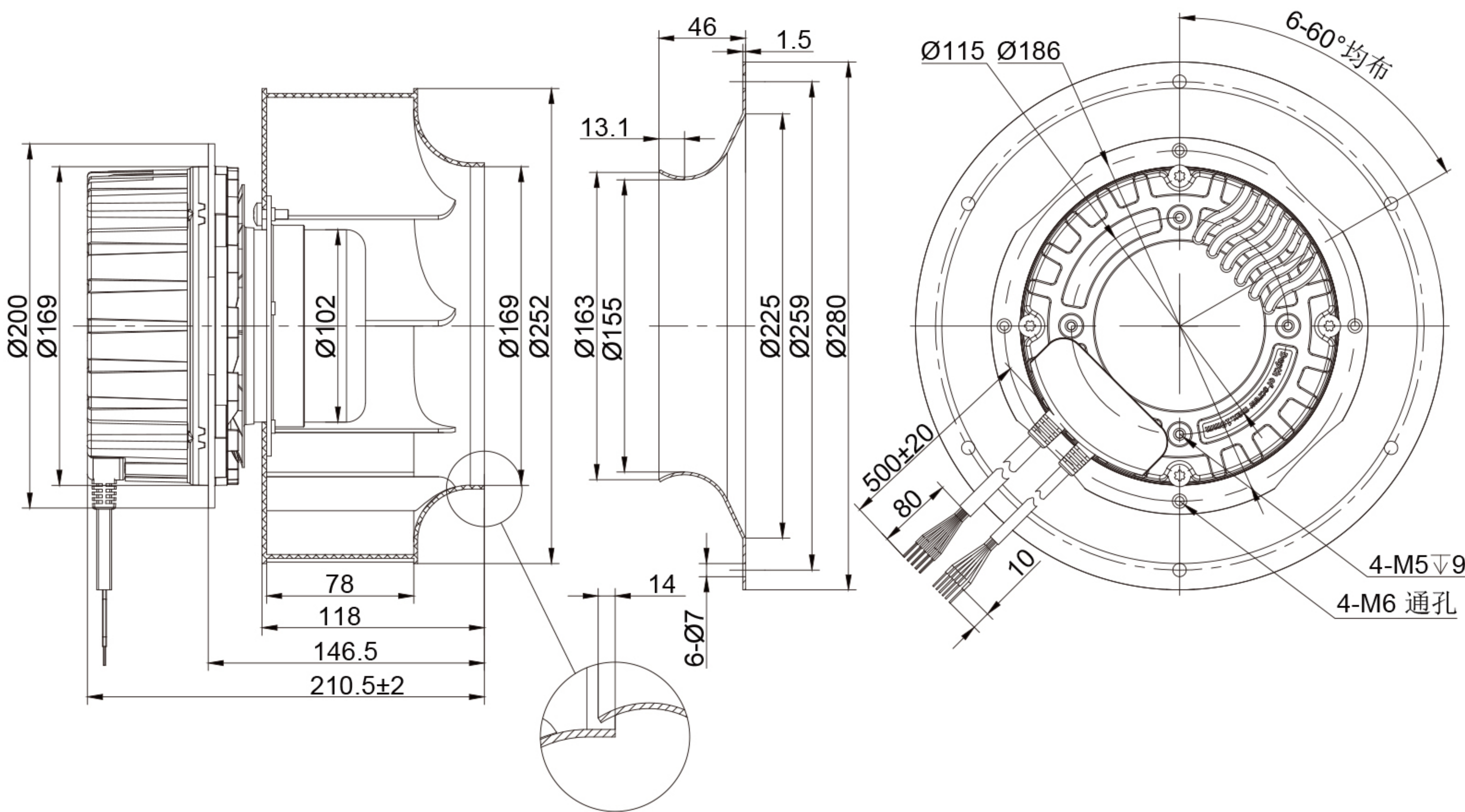
Ø250

- Speed Control: 0~10V DC/PWM
- Impeller Material: Aluminum alloy
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G250-102NS-010	230V	50/60Hz	3650RPM	520W	2.5A	85dB(A)	-25℃ ~+60℃

EC Backward curved Centrifugal Fans

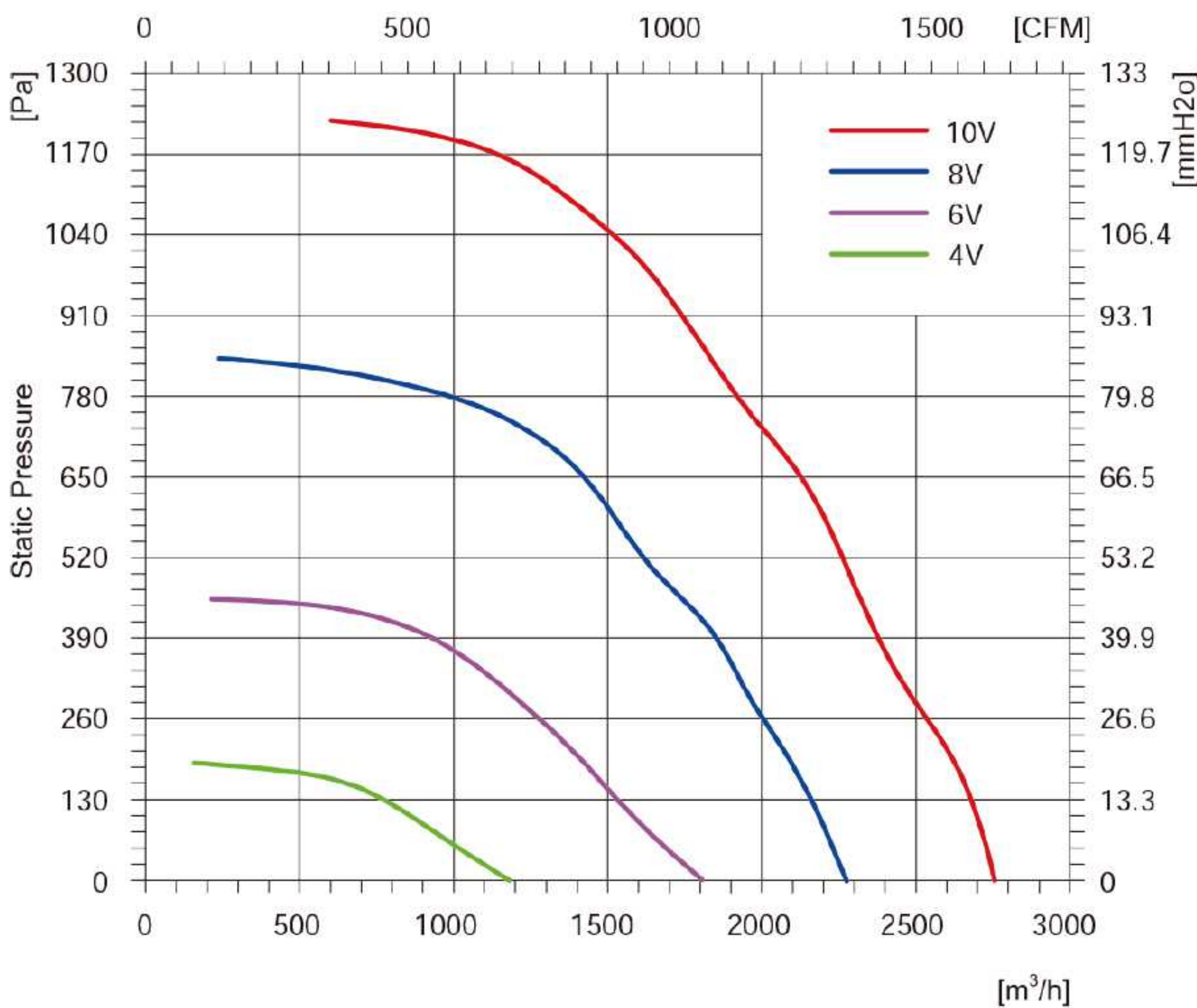
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 3~,380-480V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

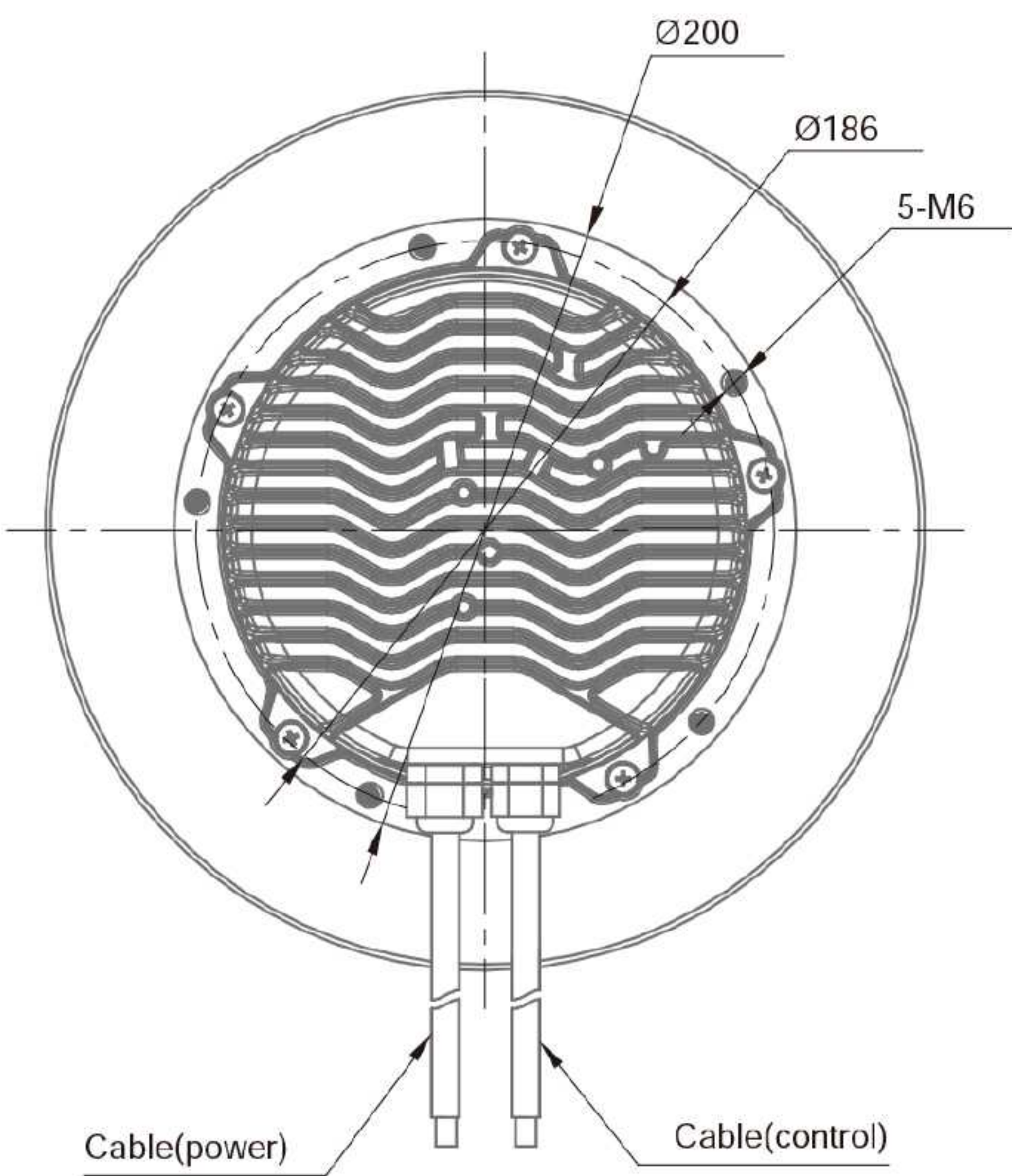
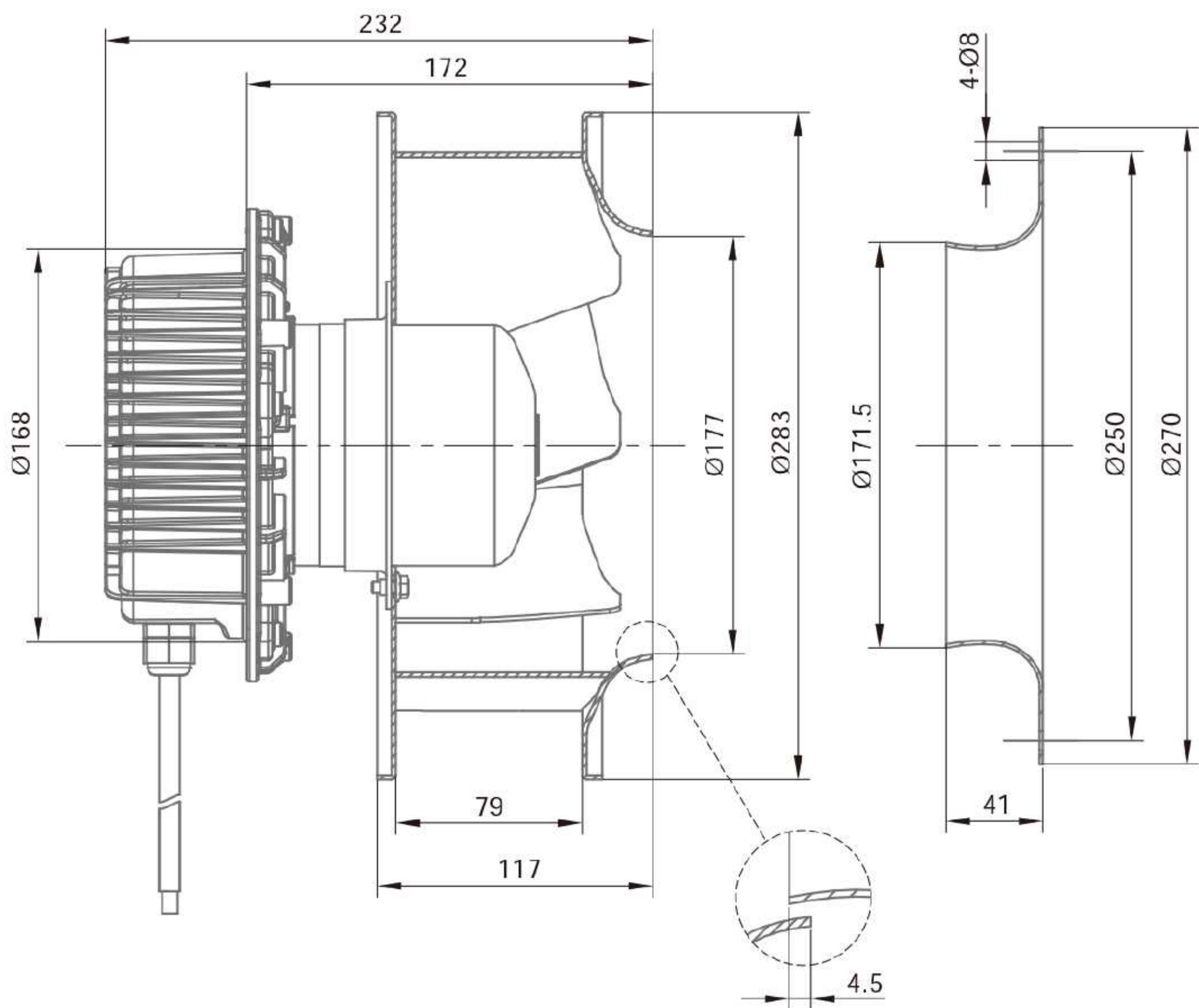
Ø250



Flow Rate Curve



Product Drawing



Technical Specifications

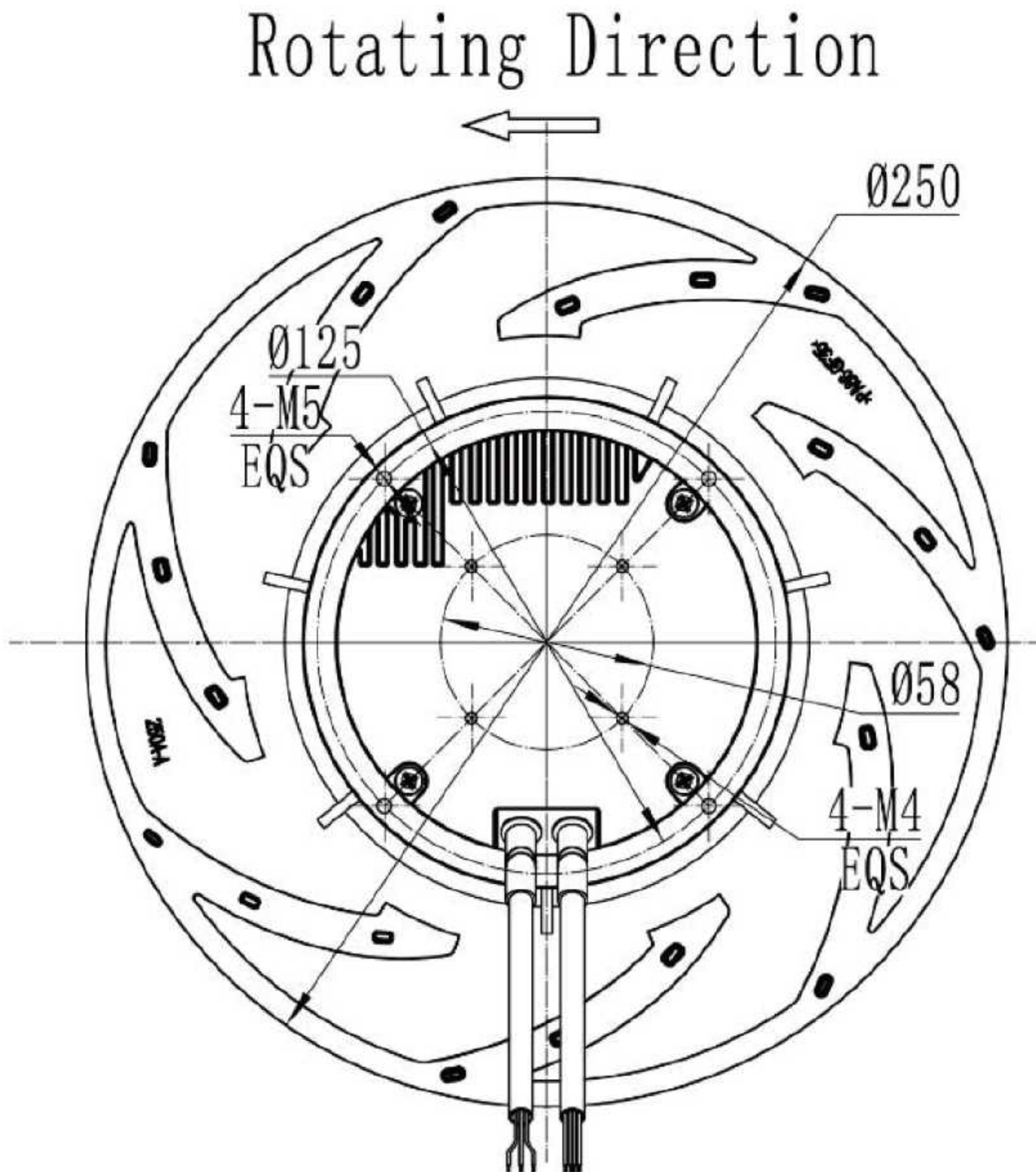
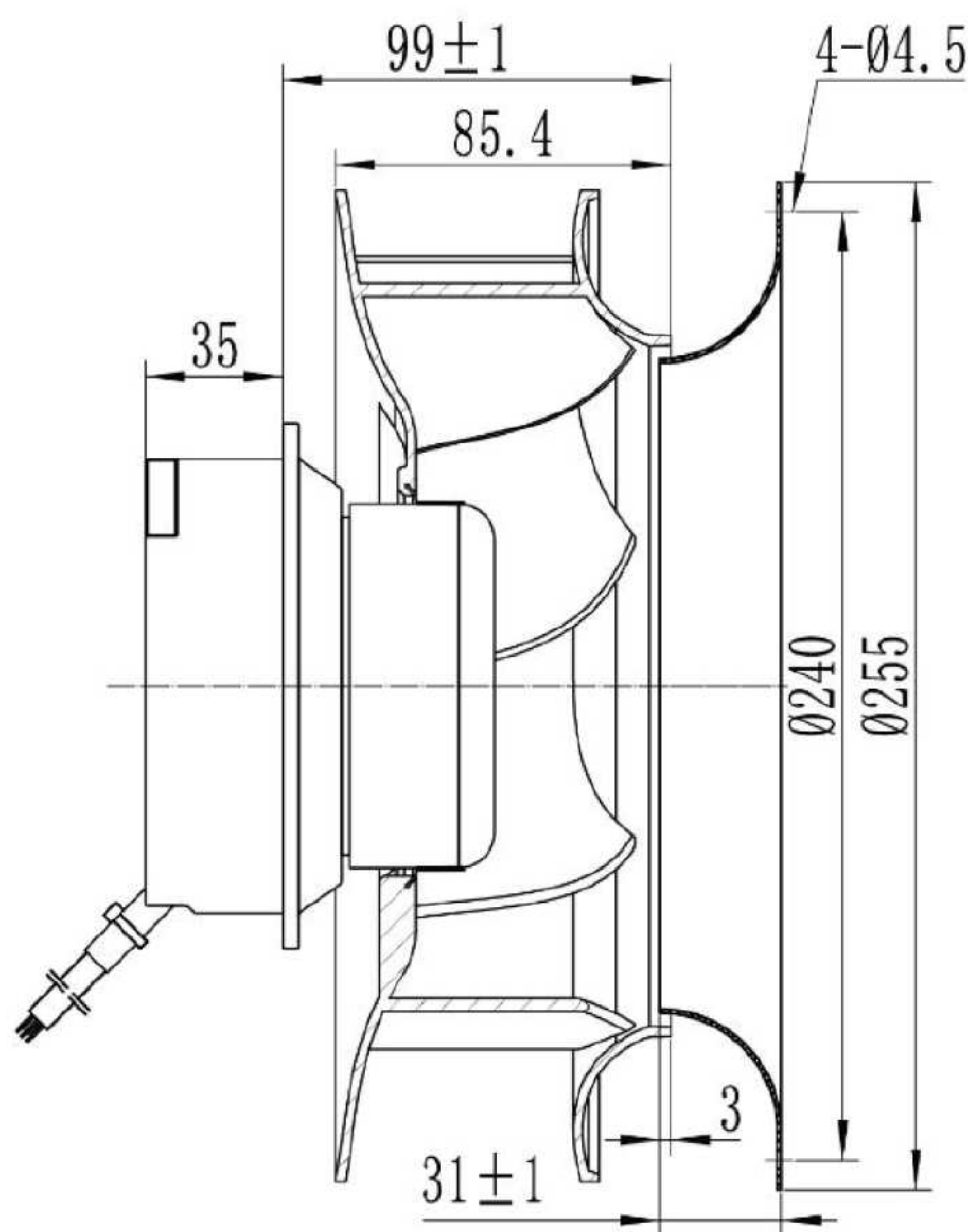
Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G250-102NT-011	400V	50/60Hz	840W	1.4A	2850m³/h	3750RPM	75dB(A)	7.2kg

EC Backward curved Centrifugal Fans

Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise,seen on rotor
- Technical feature: Control input 0-10VDC/PWM
- Type of protection: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Approval: CCC,CE,UL
- Amb.Temp: -25~+60℃

Product Drawing



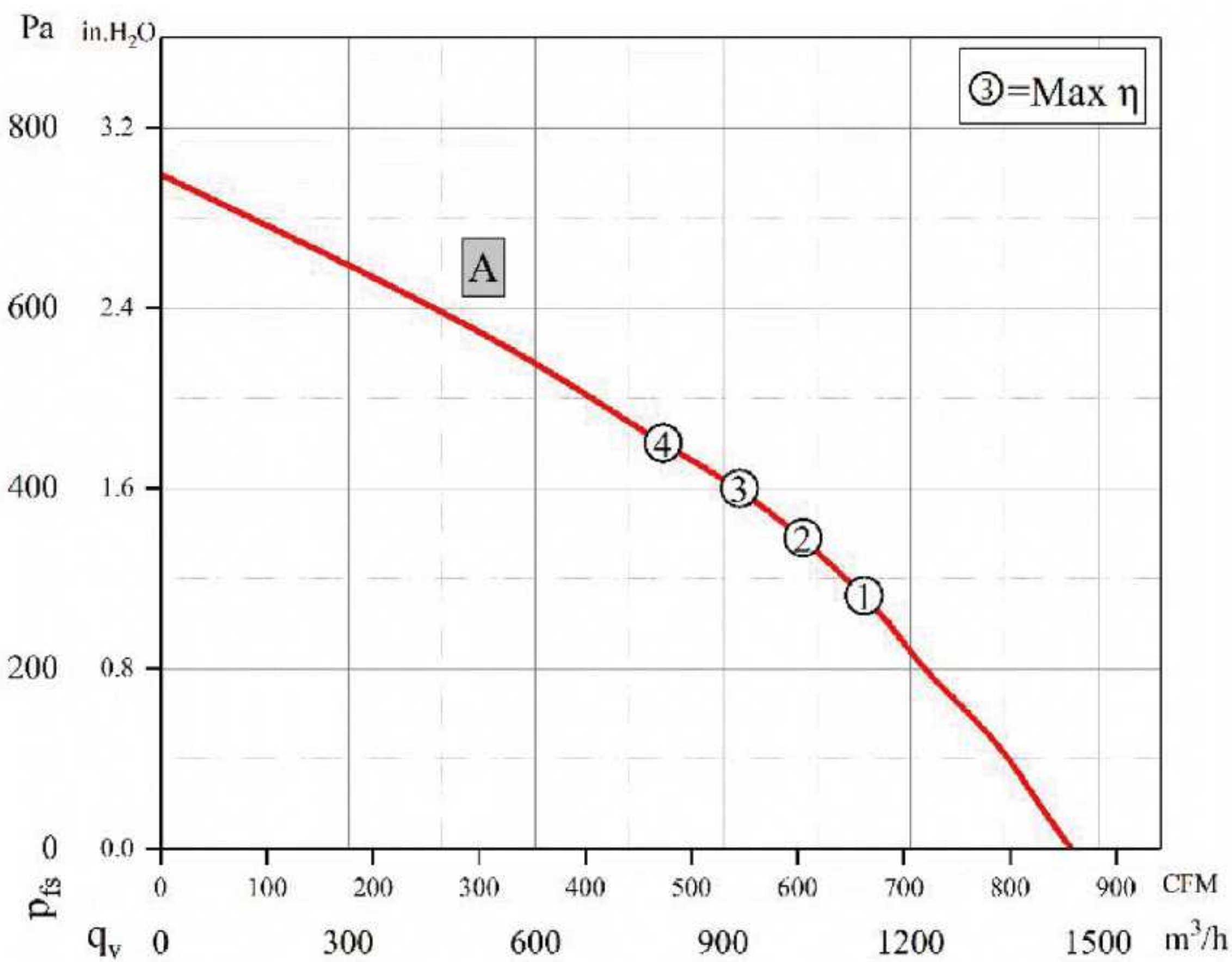
Technical Specifications

Model	Curve	Voltage	Frequency	Pst	Air Volume	Speed	Power	Noise
LWBE3G250-092NS-012	A	230V	50/60Hz	0Pa	1460m³/h	3000RPM	141W	72.1dB(A)



Ø250

Flow Rate Curve



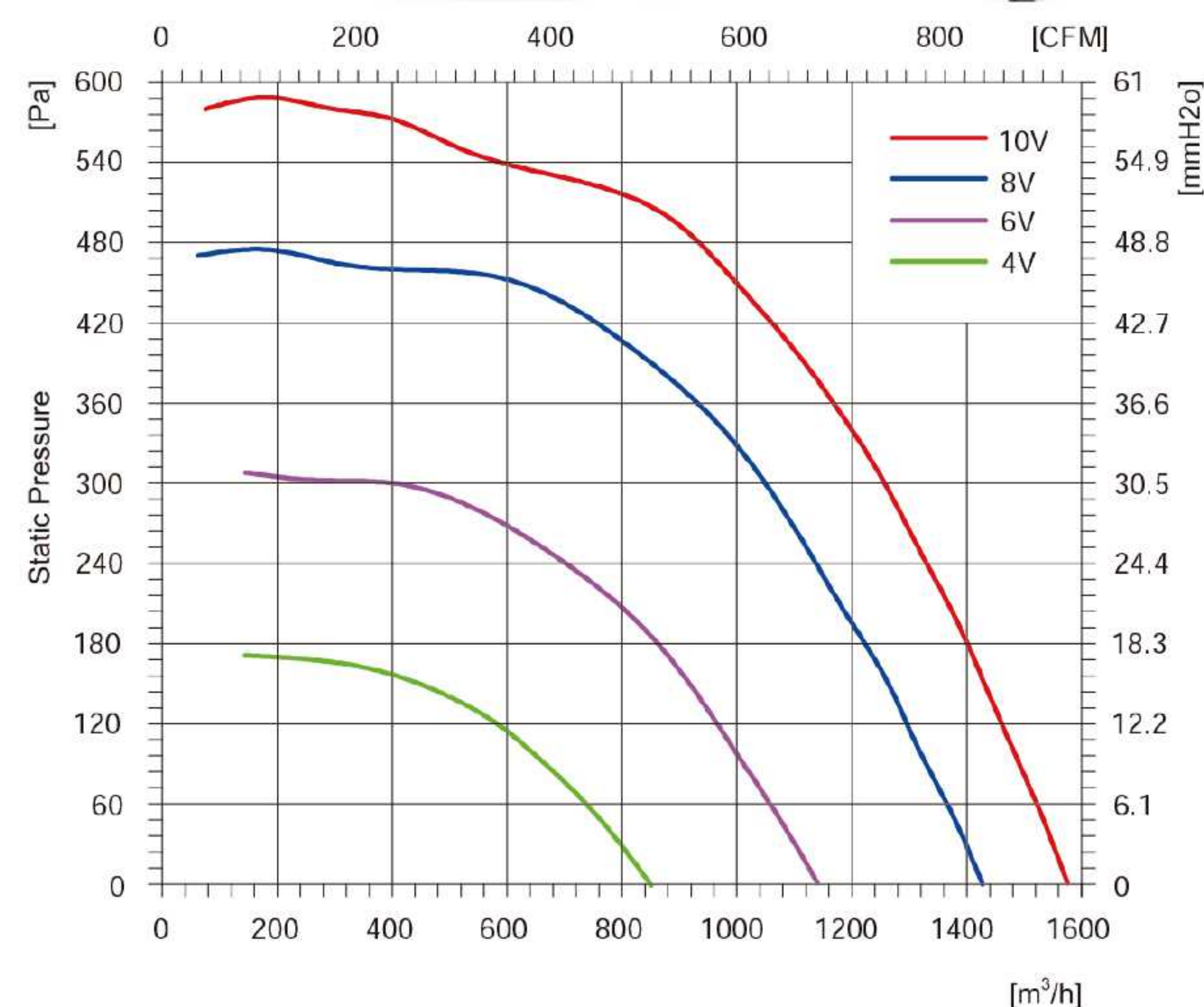
EC Backward curved Centrifugal Fans

Product Characteristic

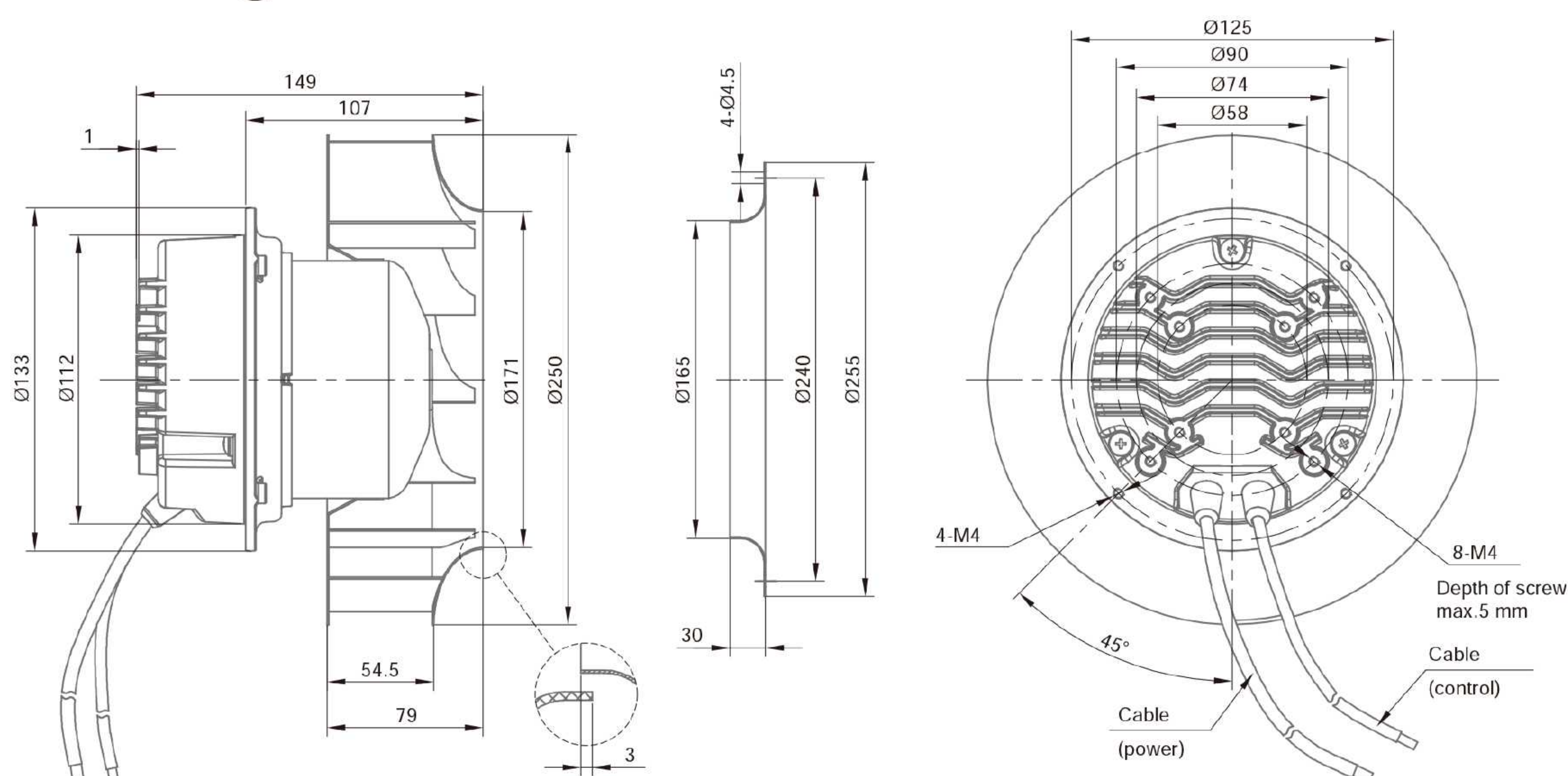
Ø250

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Galvanised iron
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G250-92NS-013	400V	50/60Hz	270W	1.8A	1550m³/h	2800RPM	72dB(A)	3.4kg

EC Backward curved Centrifugal Fans

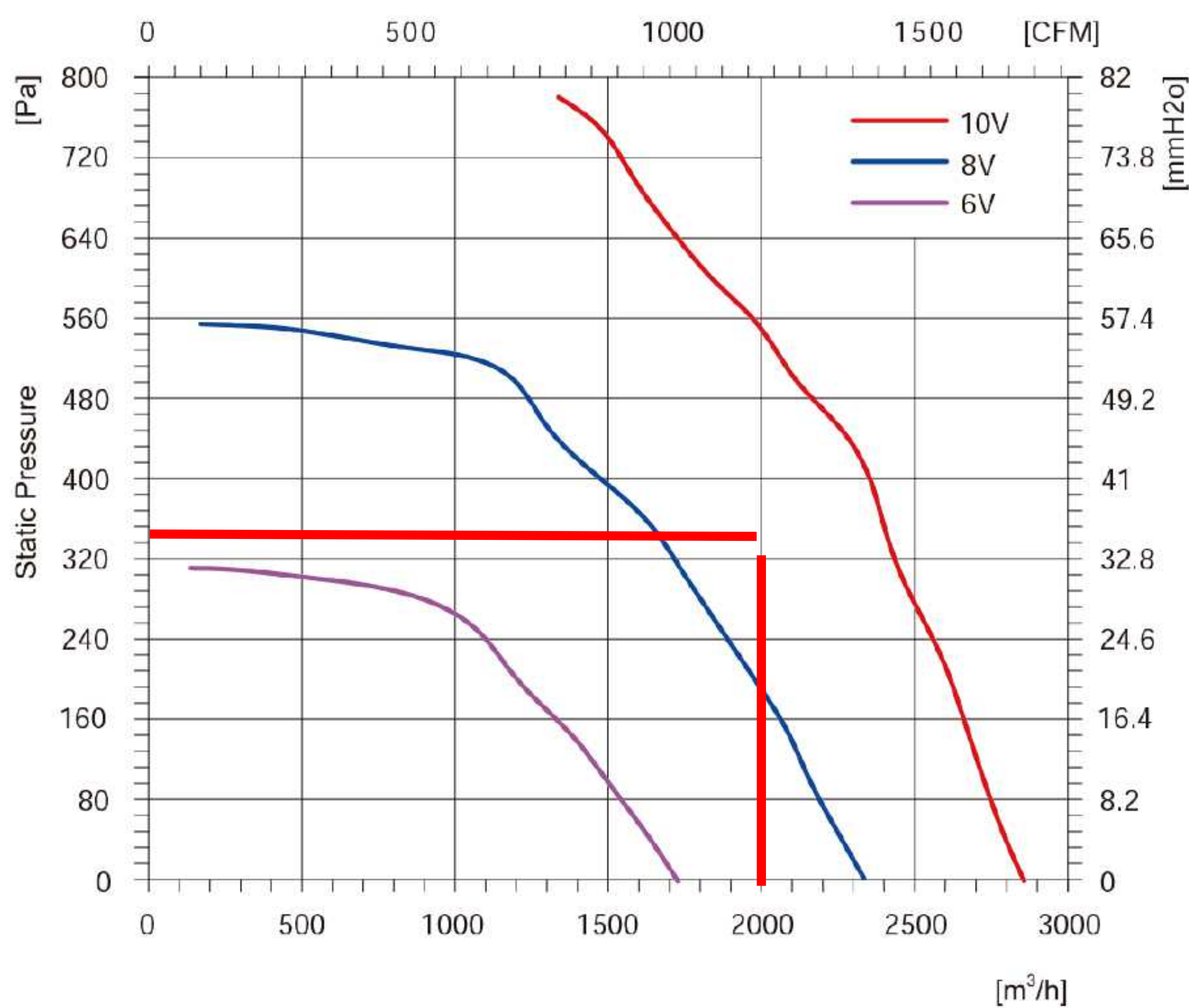
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

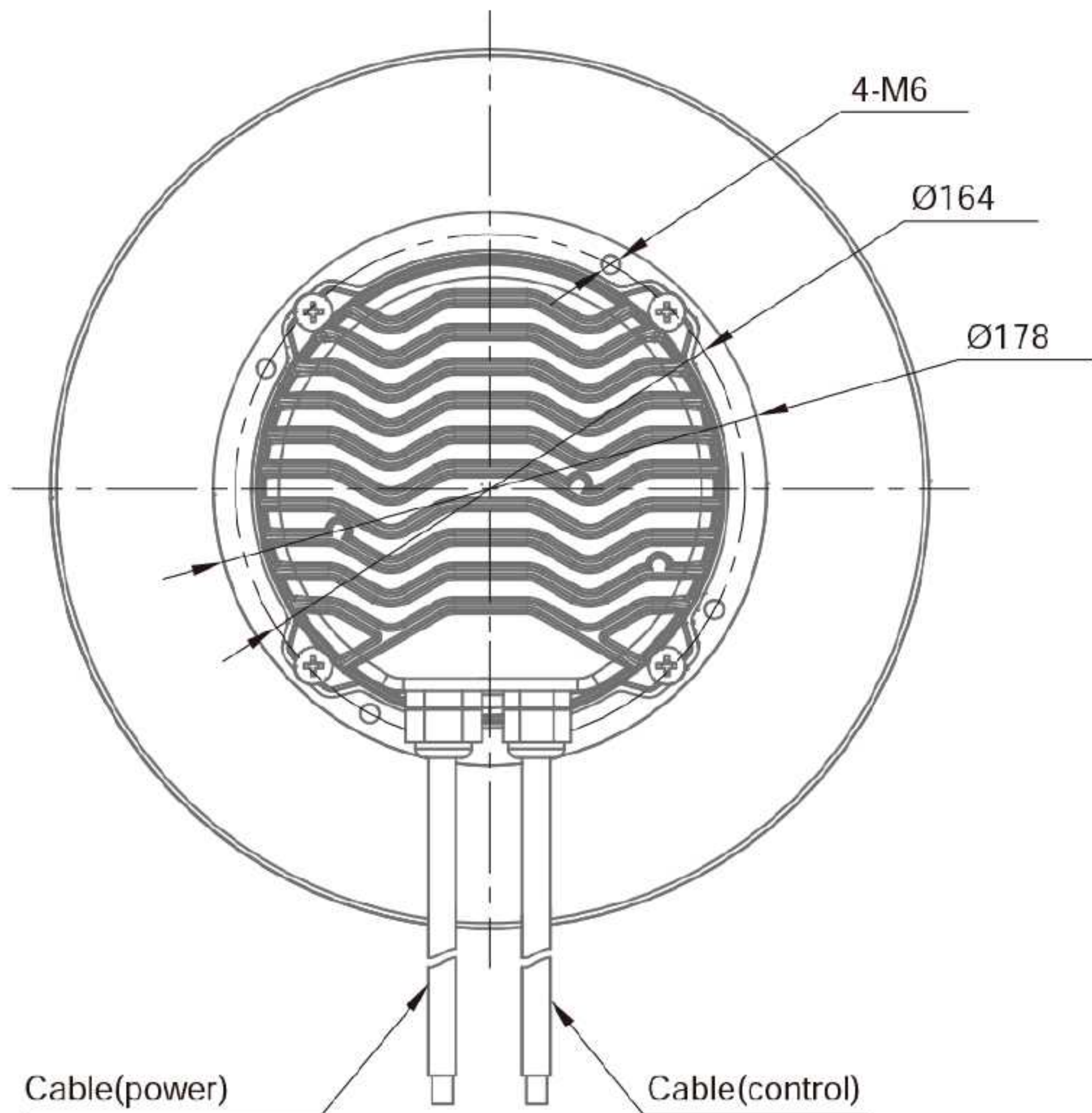
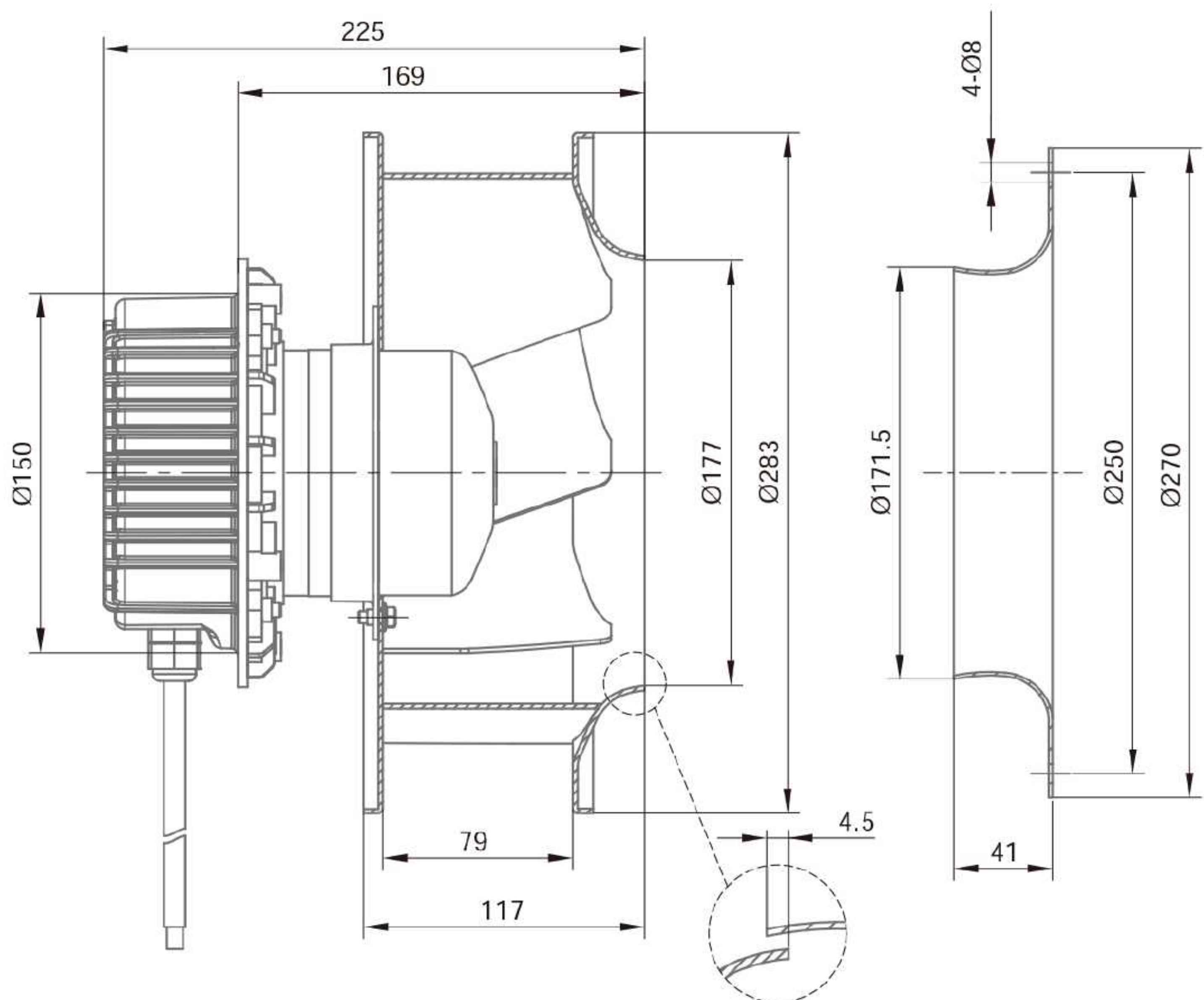
Ø250



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G250-92NS-014	230V	50/60Hz	540W	2.38A	2850m³/h	3100RPM	74dB(A)	5.2kg

EC Backward curved Centrifugal Fans

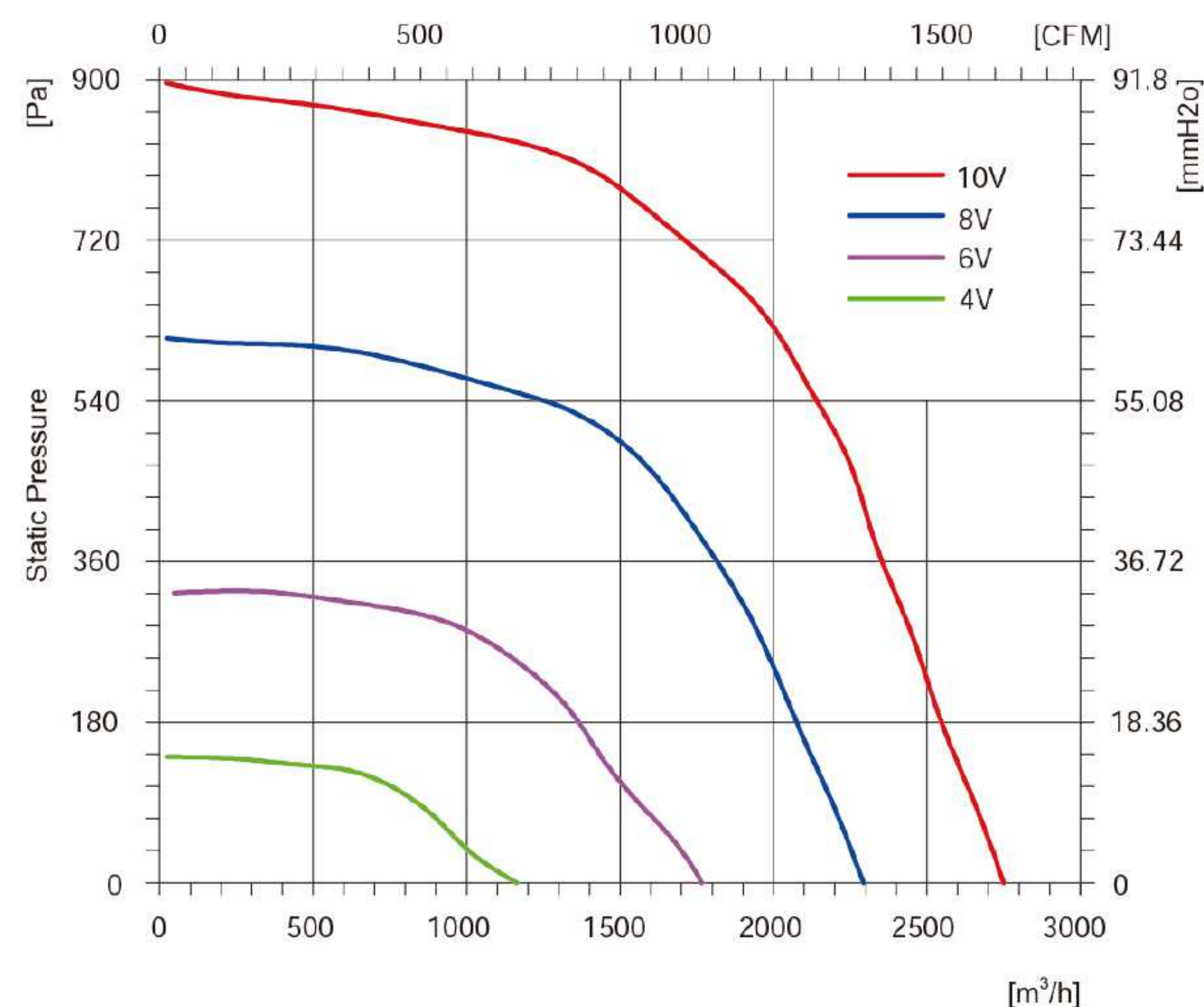


Product Characteristic

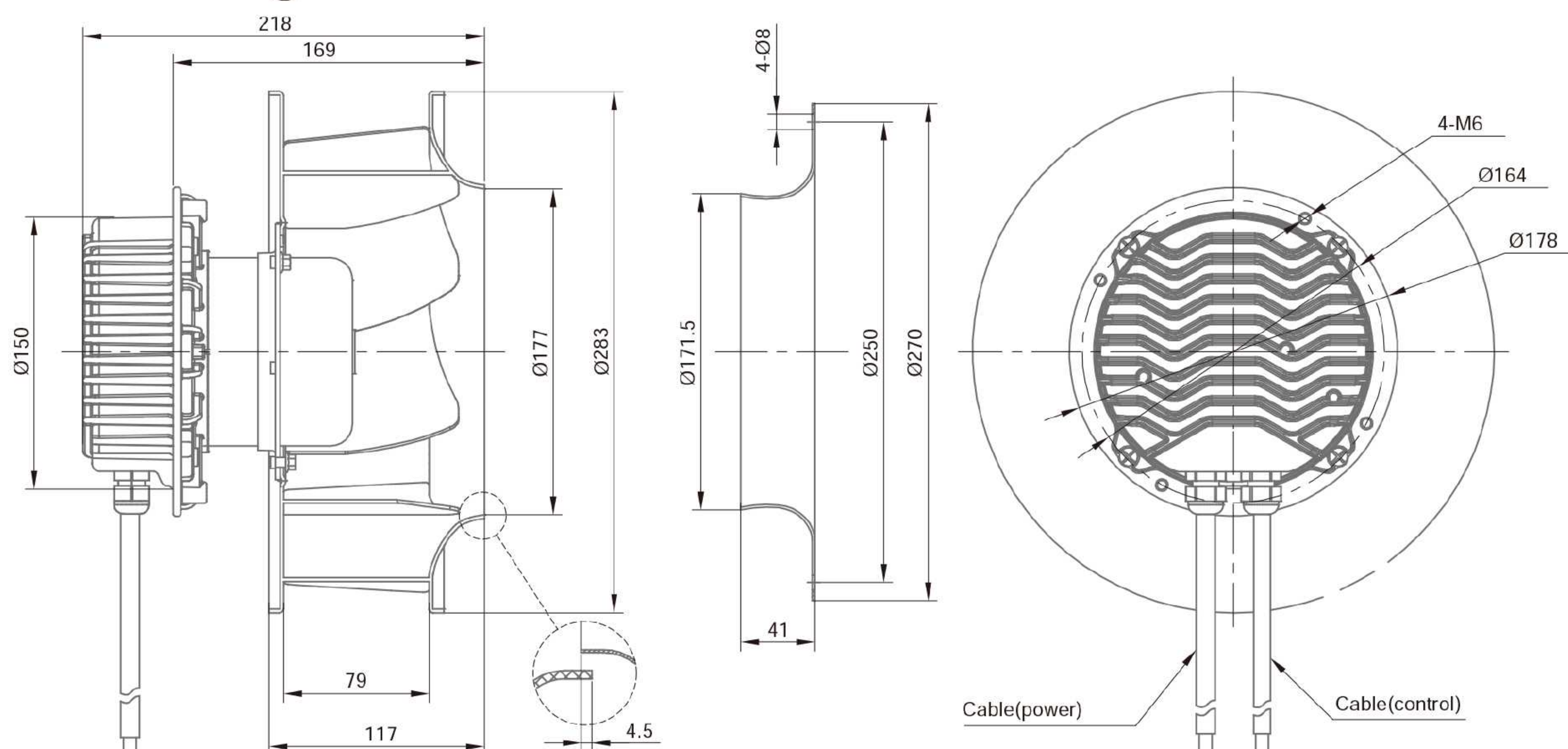
Ø250

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G250-92NS-015	230V	50/60Hz	598W	4.55A	2750m³/h	3100RPM	76dB(A)	5.2kg

EC Backward curved Centrifugal Fans

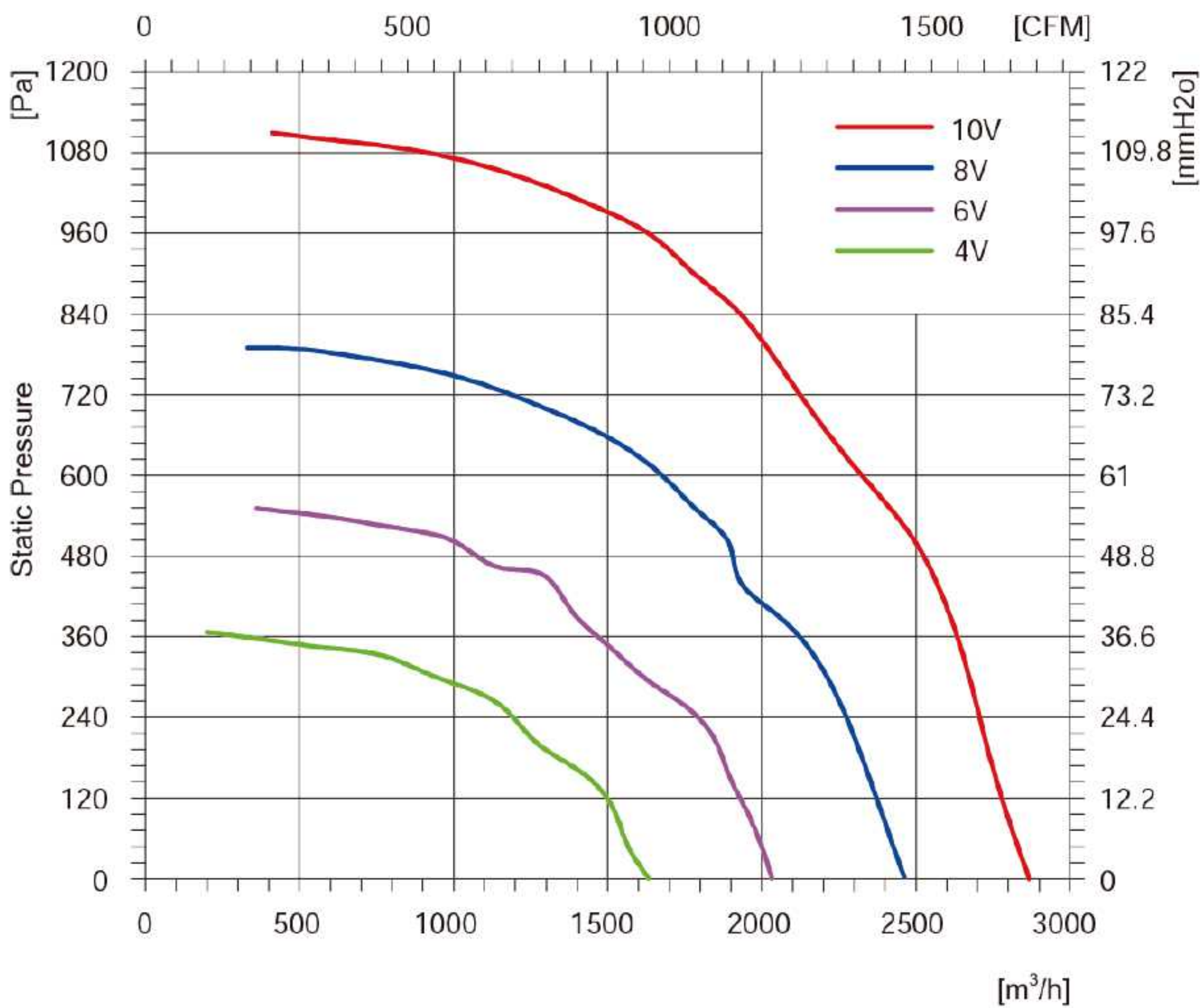
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

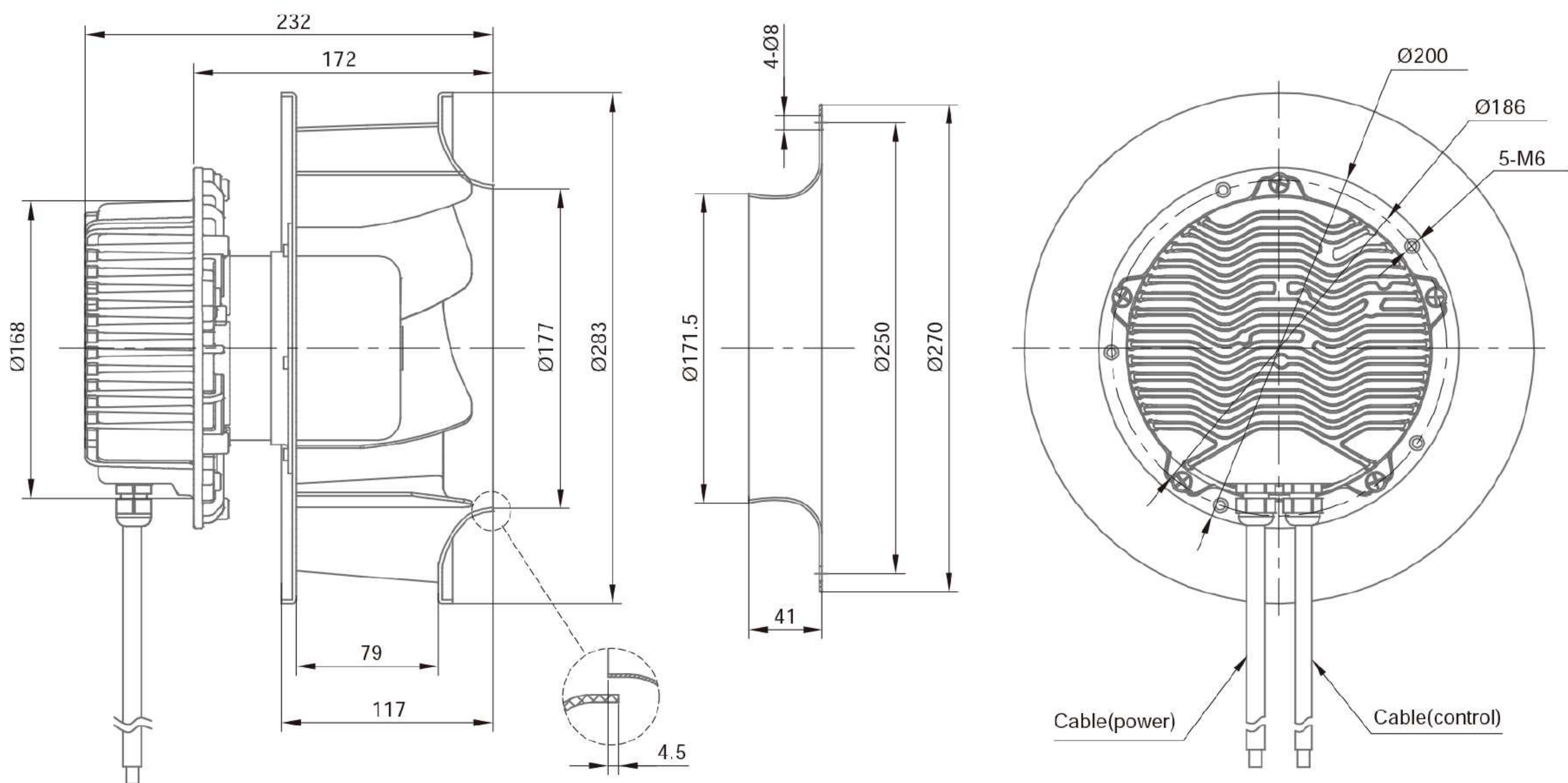
Ø250



Flow Rate Curve



Product Drawing

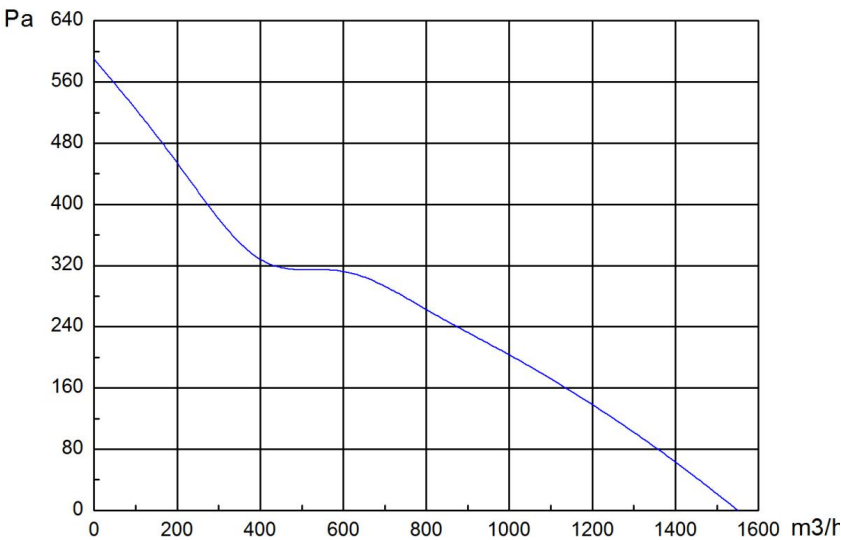


Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G250-102NS-016	230V	50/60Hz	803W	3.47A	2850m³/h	3530RPM	75dB(A)	7.2kg

EC CENTRIFUGAL FAN

LWBE3G280-092



Motor Type : BLEC Motor

Impeller Material : Galvanized Metal

Protection Class : IP44

Insulation Class : F

Certification : CE/ETL/CCC

Operation Temperature : - 25 °C ~ +60 °C

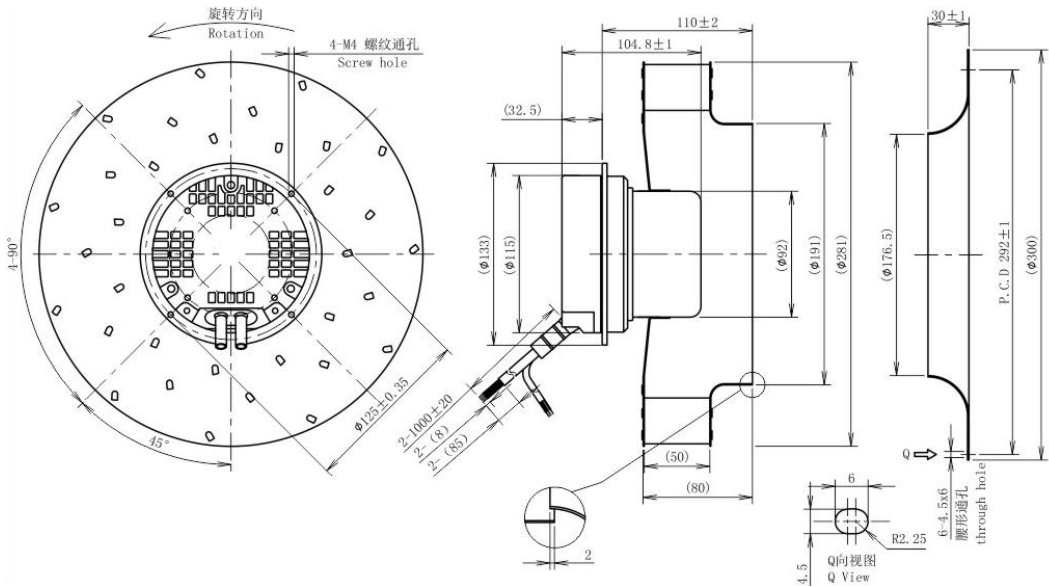
Bearing Type : Ball Bearing

Technical Feature :

Control input 0~10VDC/PWM ,Tech output,Locked-Rotor protection ,
Reverse Polarity ,Over-voltage protection
Soft Start Protection,

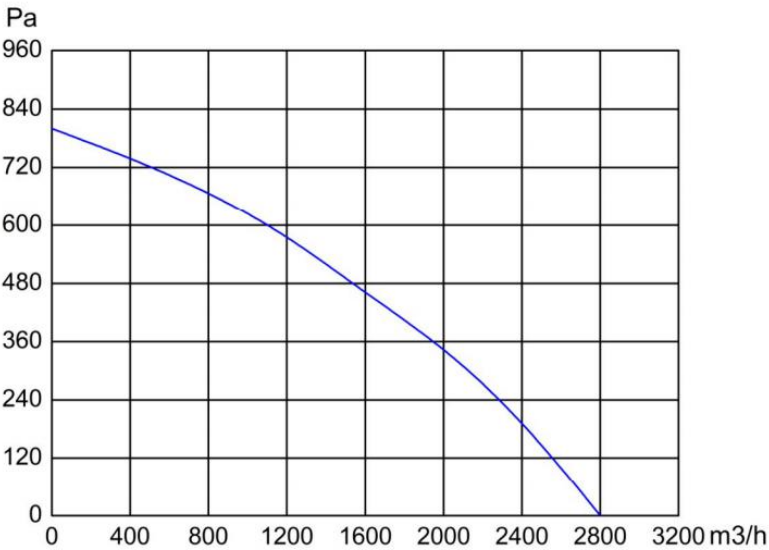
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G280-092NS-001	Ball	230	200-277	1	135	2325	1550	560	75



EC CENTRIFUGAL FAN

LWBE3G280-102

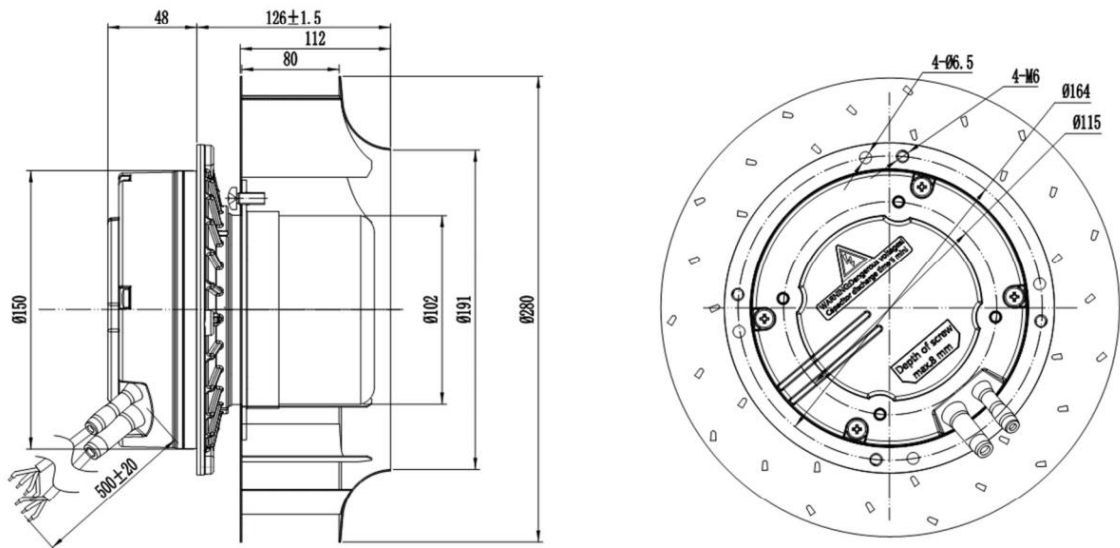


- Motor Type : BLEC Motor
- Impeller Material : Galvanized Metal
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

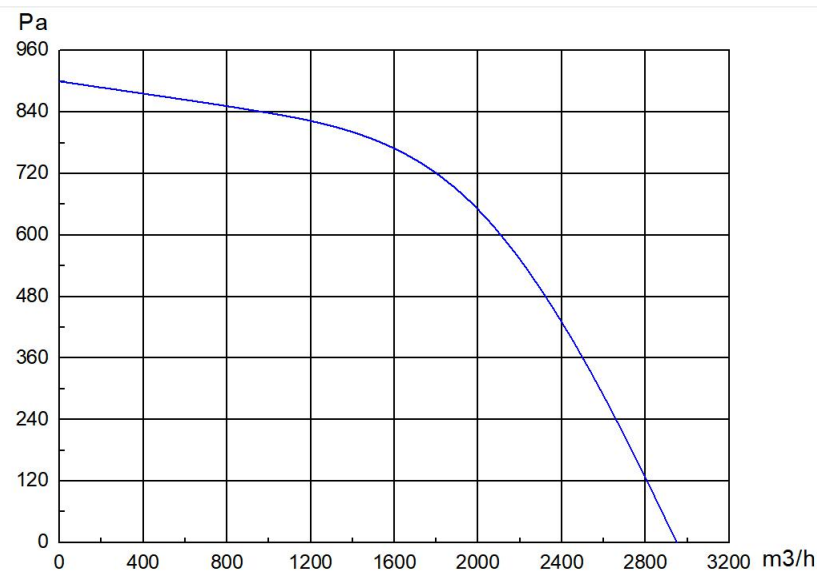
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G280-102NS-002	Ball	230	200-277	2.8	425	2760	2800	800	80



EC CENTRIFUGAL FAN

LWBE3G280-102

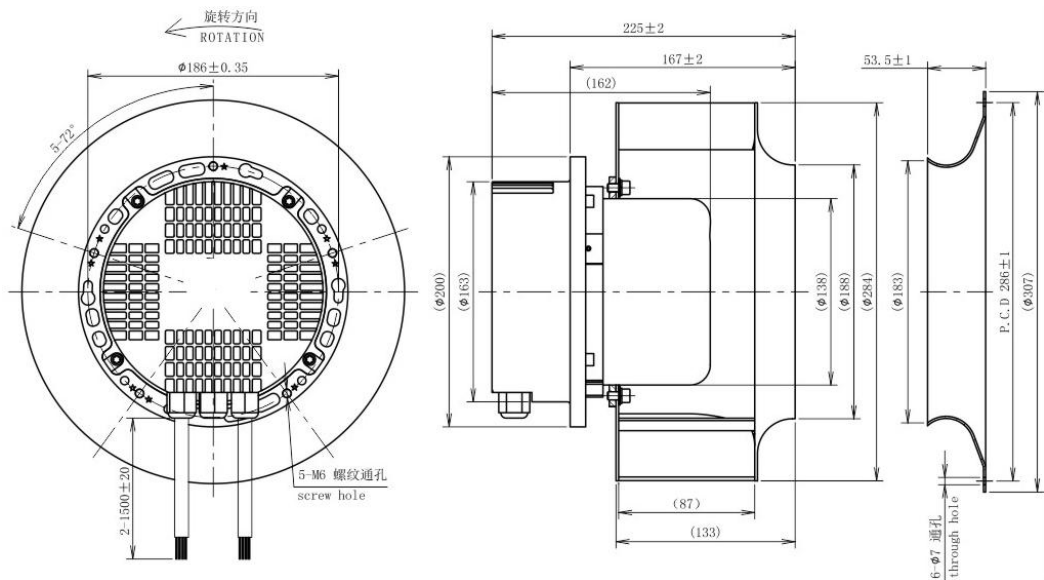


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

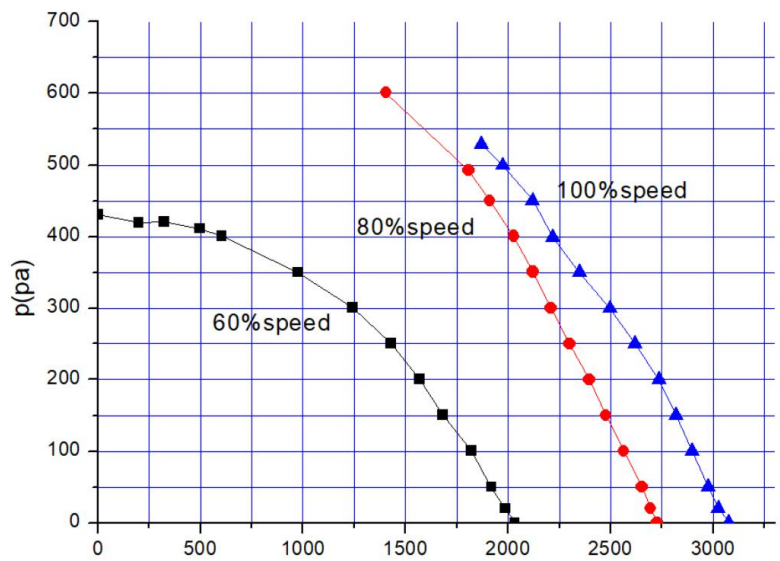
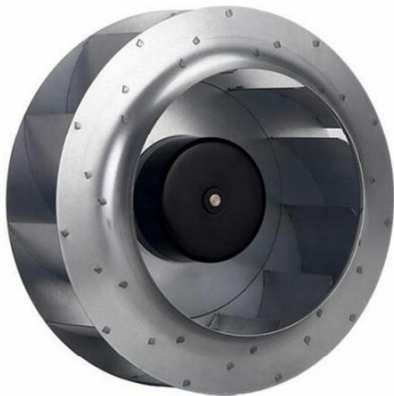
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G280-137NS-003	Ball	3~380	/	1.1	780	2850	2900	900	82



EC CENTRIFUGAL FAN

LWBE3G280-102

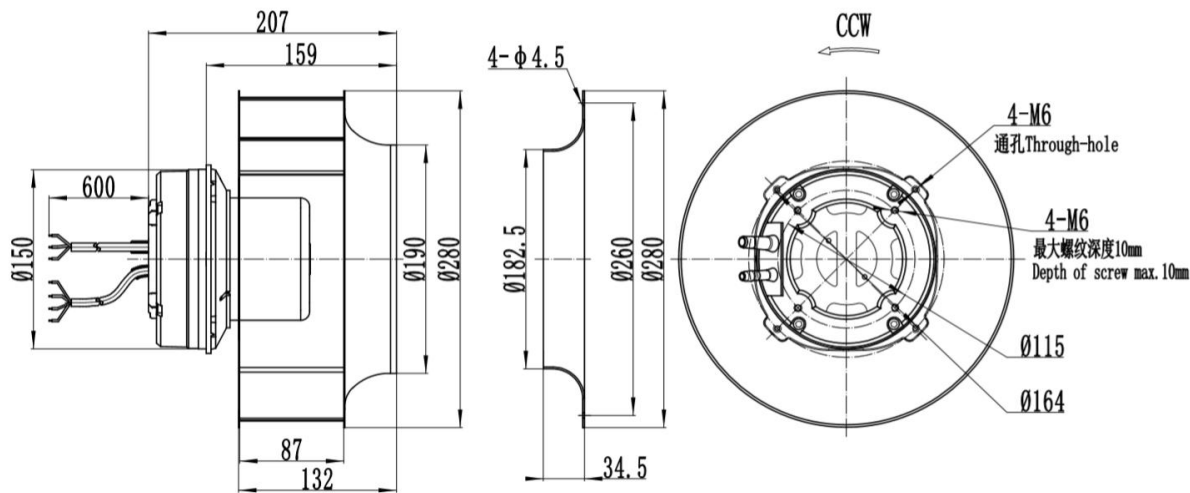


- Motor Type : BLEC Motor
- Impeller Material : Galvanized Metal
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G280-102NS-004	Ball	230	200-277	4.3	690	3000	3050	600	82



EC Backward Curved Centrifugal fans

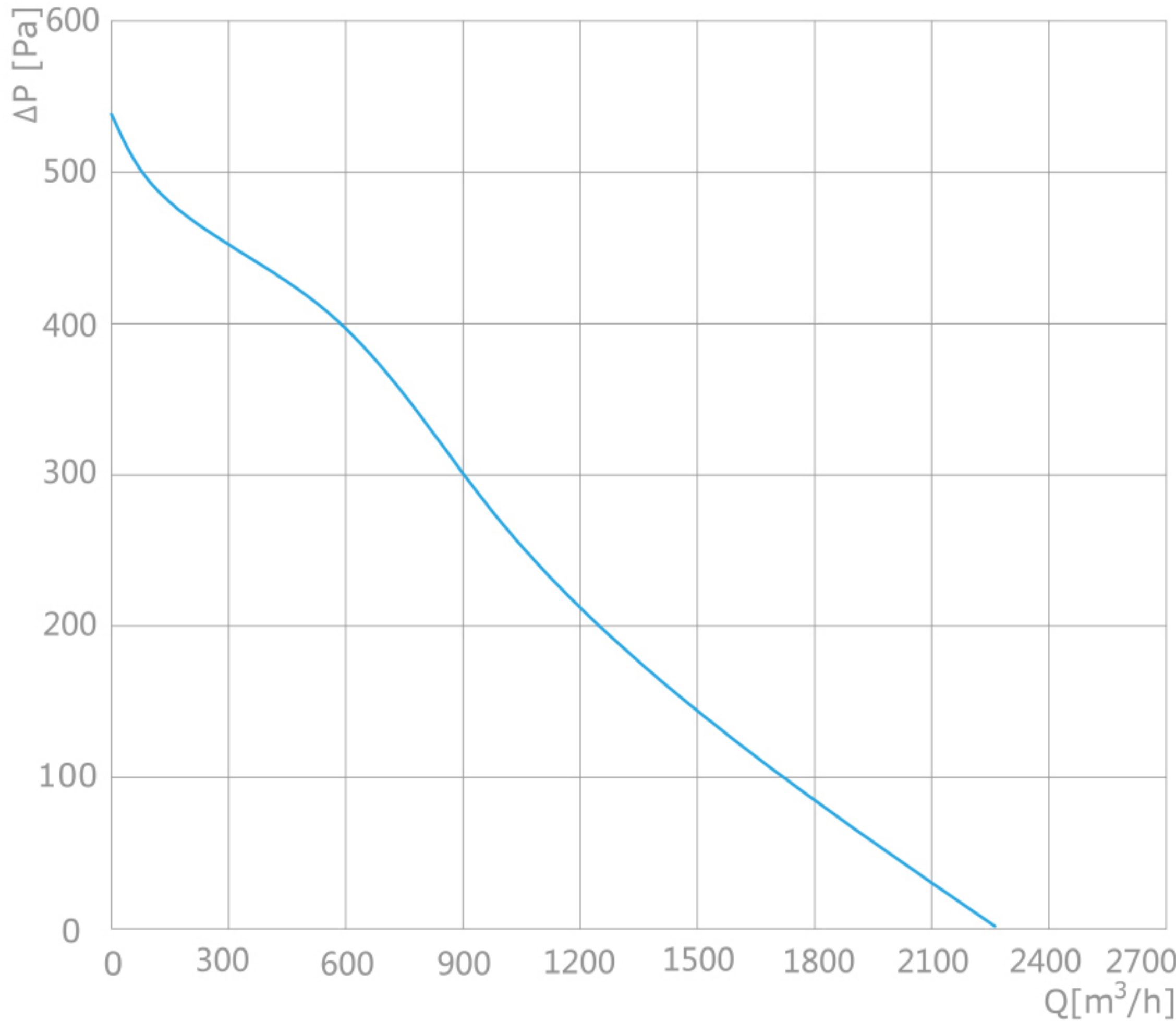
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: Aluminum alloy
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

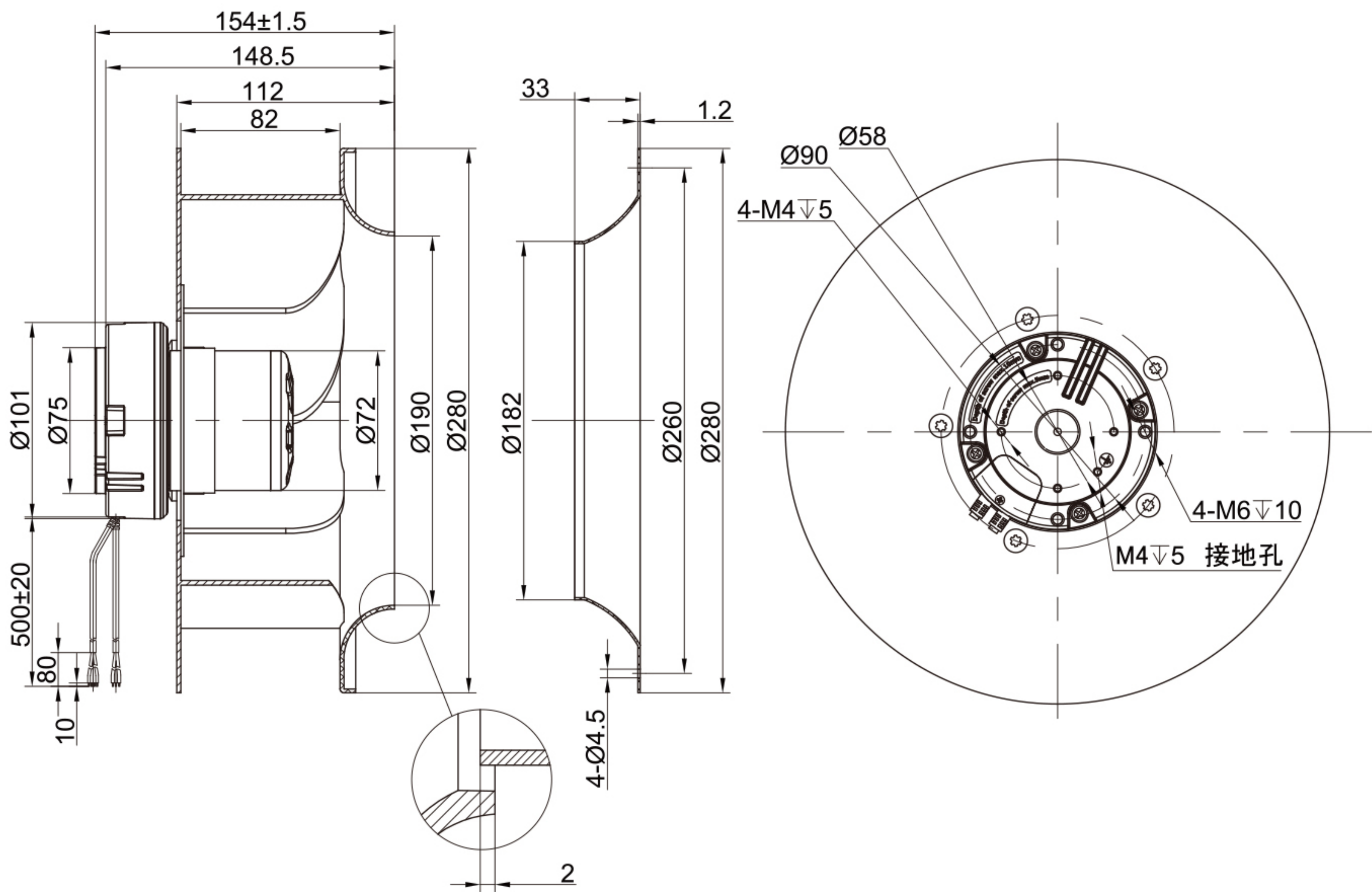
Ø280



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G280-072NS-005	230V	50/60Hz	2150RPM	170W	1.2A	73dB(A)	-25℃~+60℃

EC Backward Curved Centrifugal fans

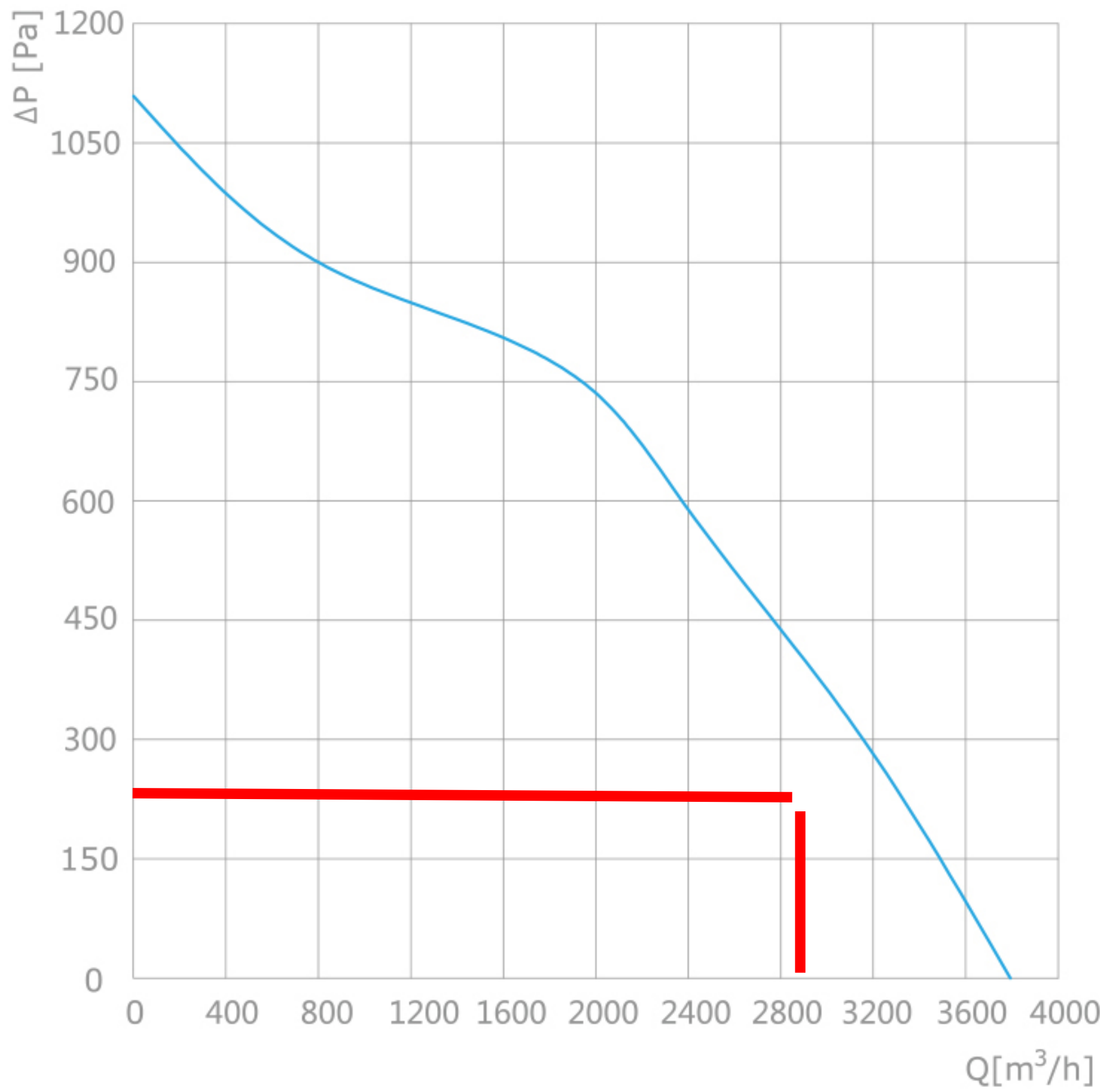
Product Characteristic

Ø280

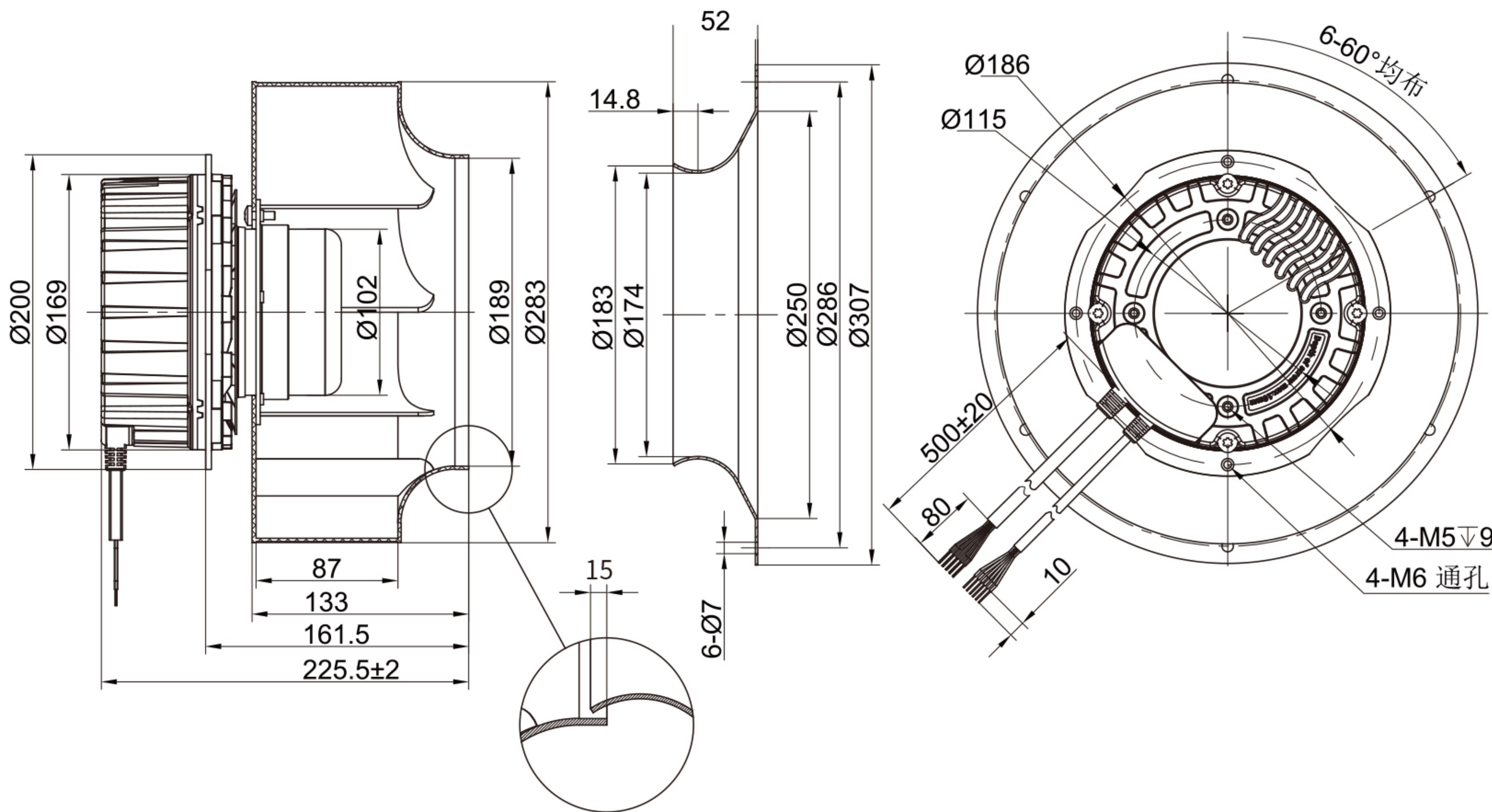


- Speed Control: 0~10V DC/PWM
- Impeller Material: Aluminum alloy
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G280-102NS-006	230V	50/60Hz	3270RPM	700W	3.1A	85dB(A)	-25℃~+60℃

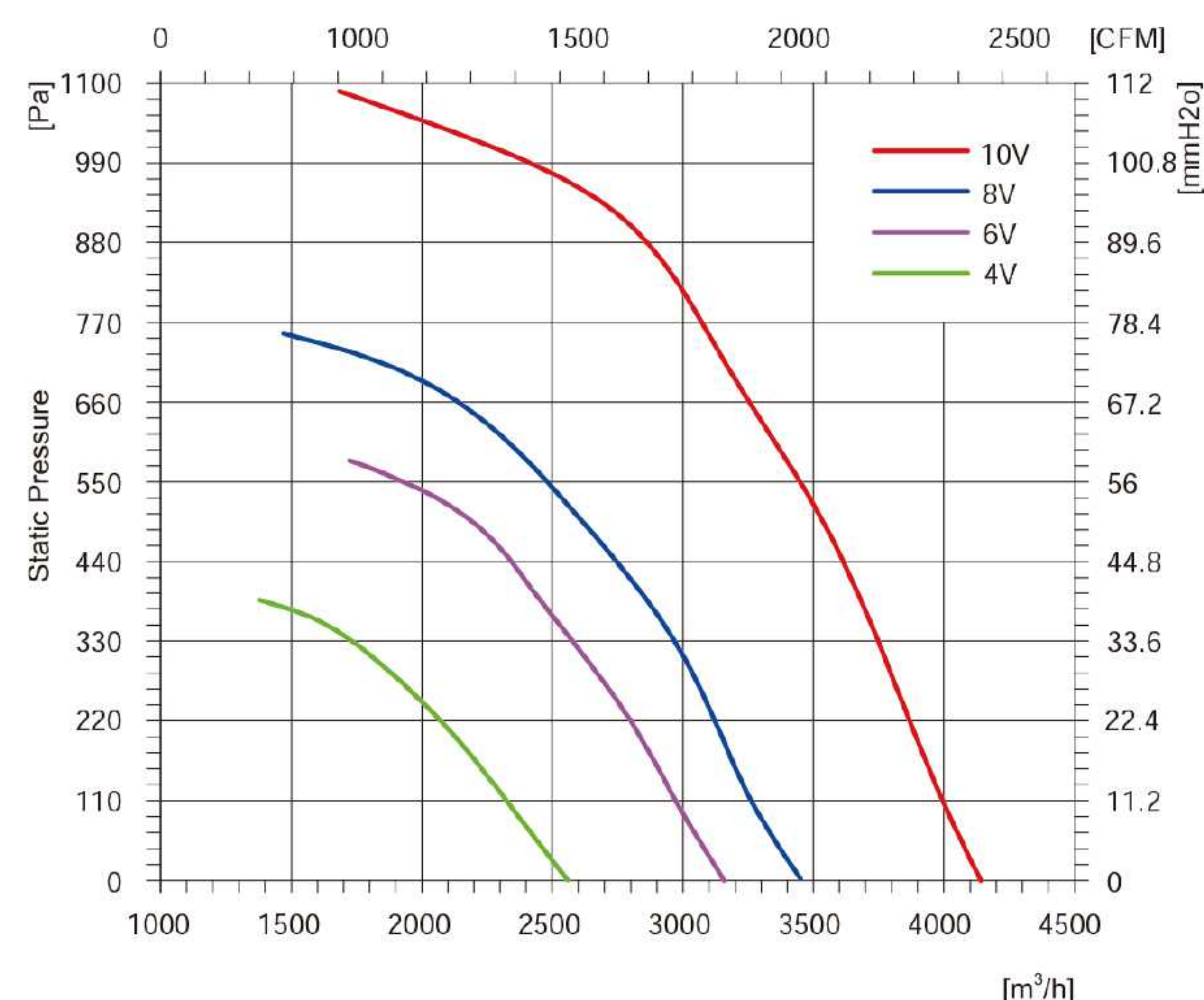
EC Backward curved Centrifugal Fans



Product Characteristic

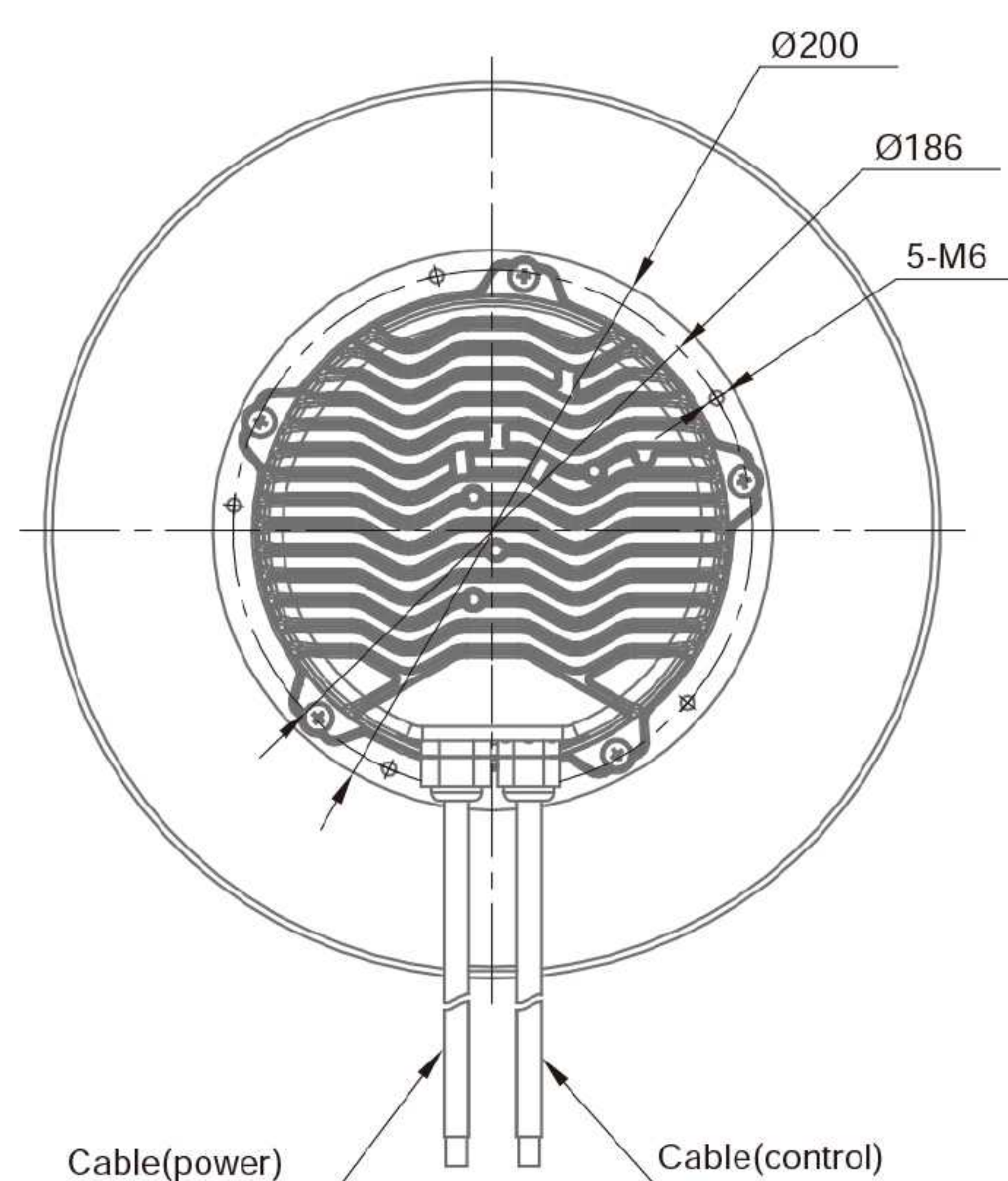
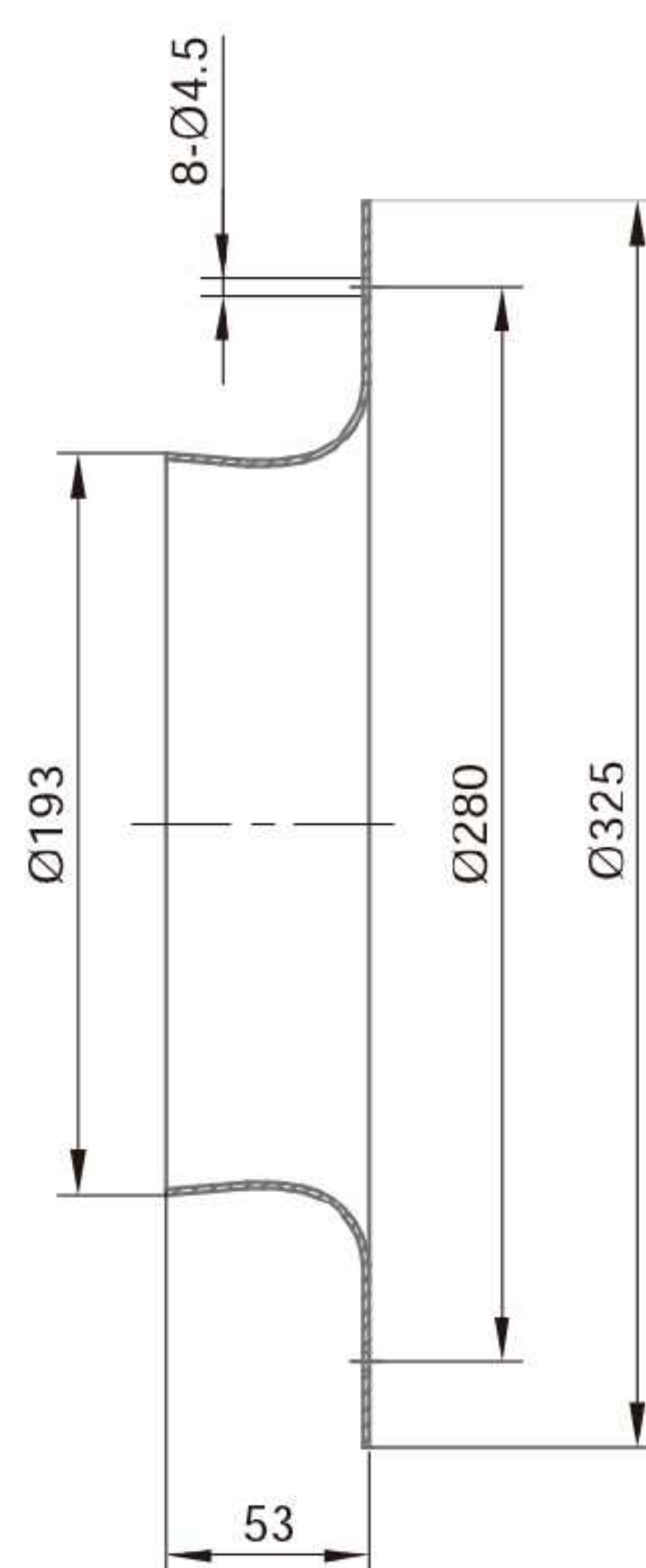
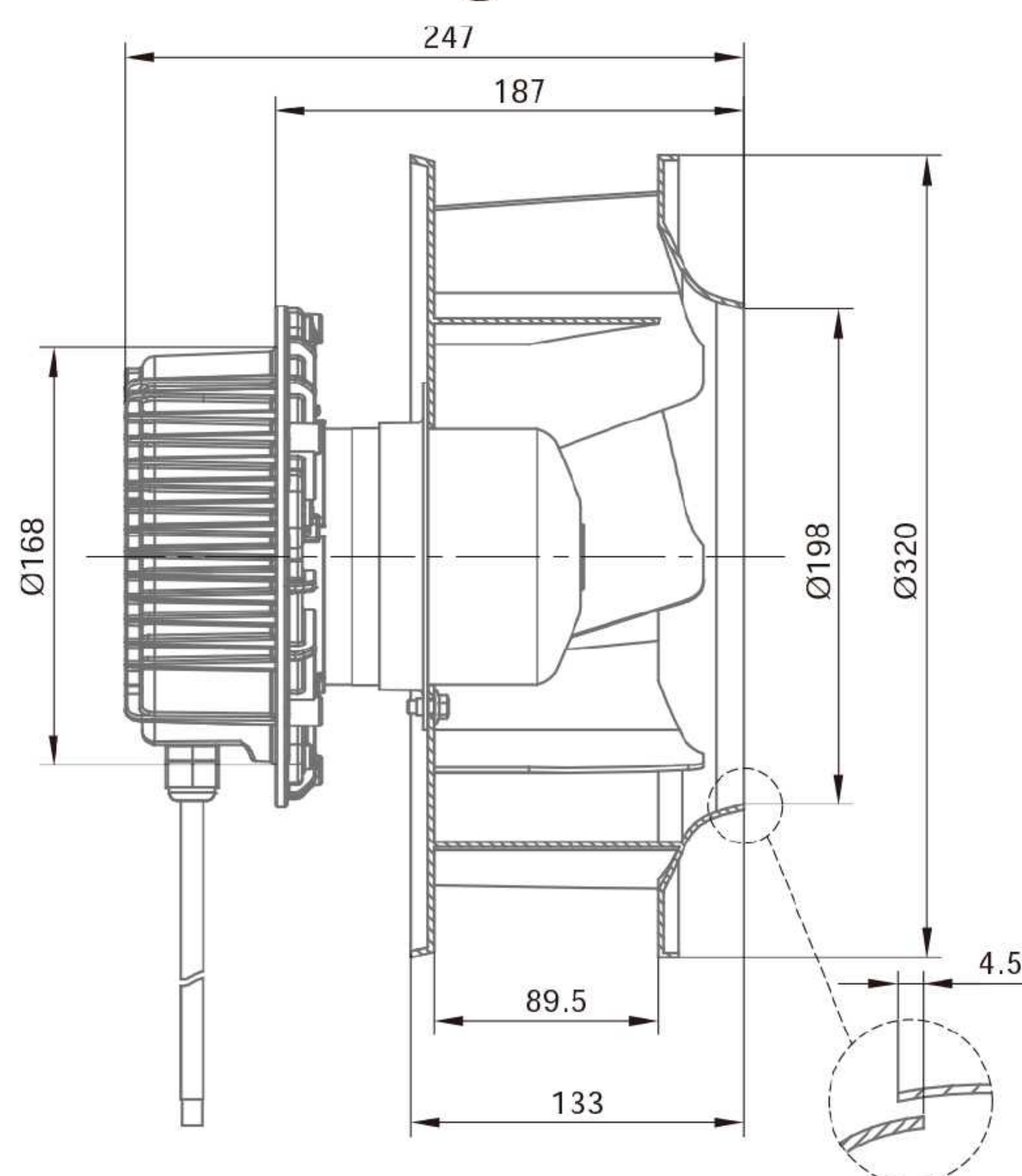
Ø280

Flow Rate Curve



- Motor technology : EC Outer rotor
- Supply voltage: 3~,380-480V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G280-102NT-007	400V	50/60Hz	1140W	1.86A	4150m³/h	3270RPM	74dB(A)	6.8kg

EC Backward curved Centrifugal Fans

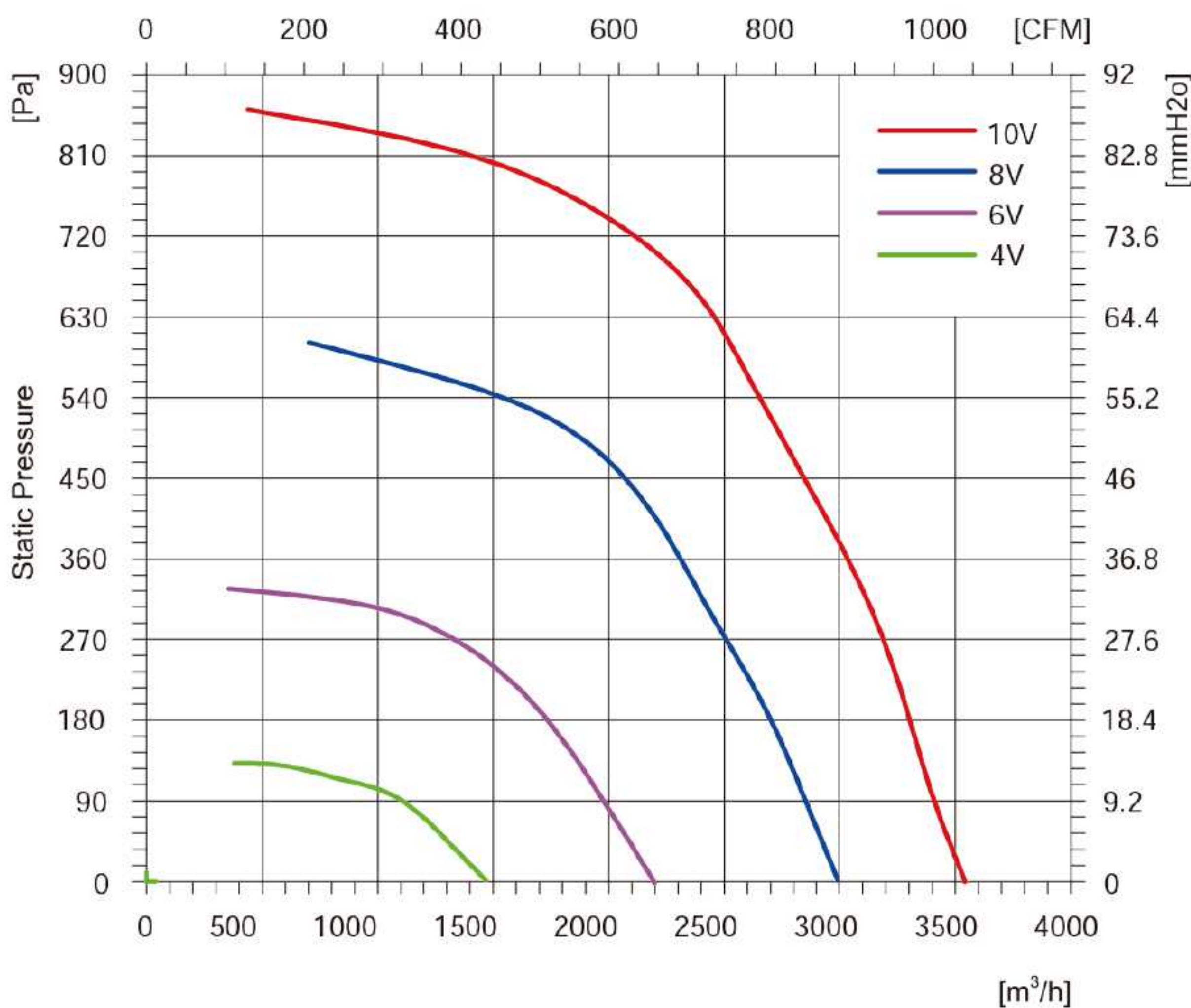
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

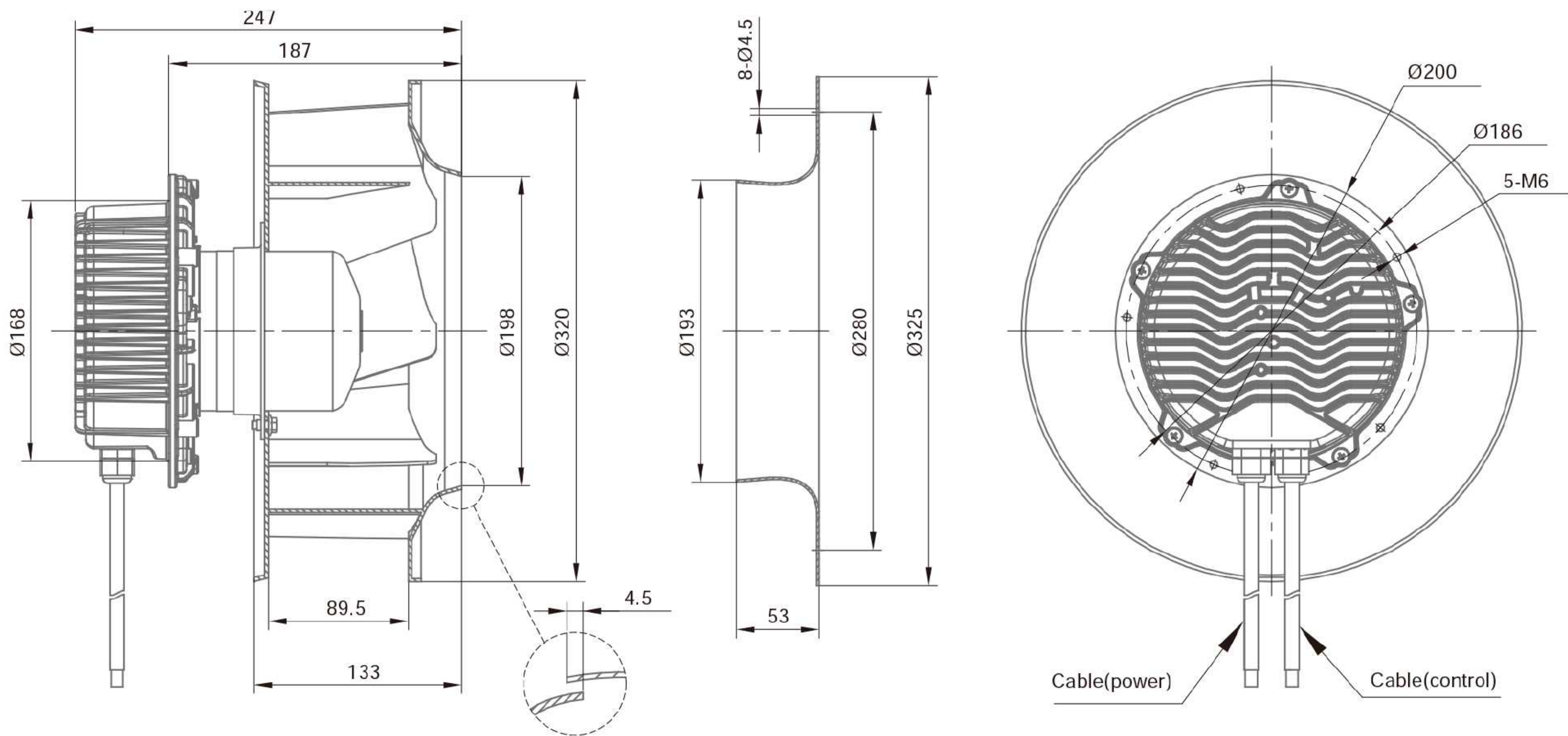
Ø280



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G280-102NS-008	230V	50/60Hz	745W	5.43A	3500m³/h	2800RPM	83dB(A)	6.8kg

EC Backward curved Centrifugal Fans

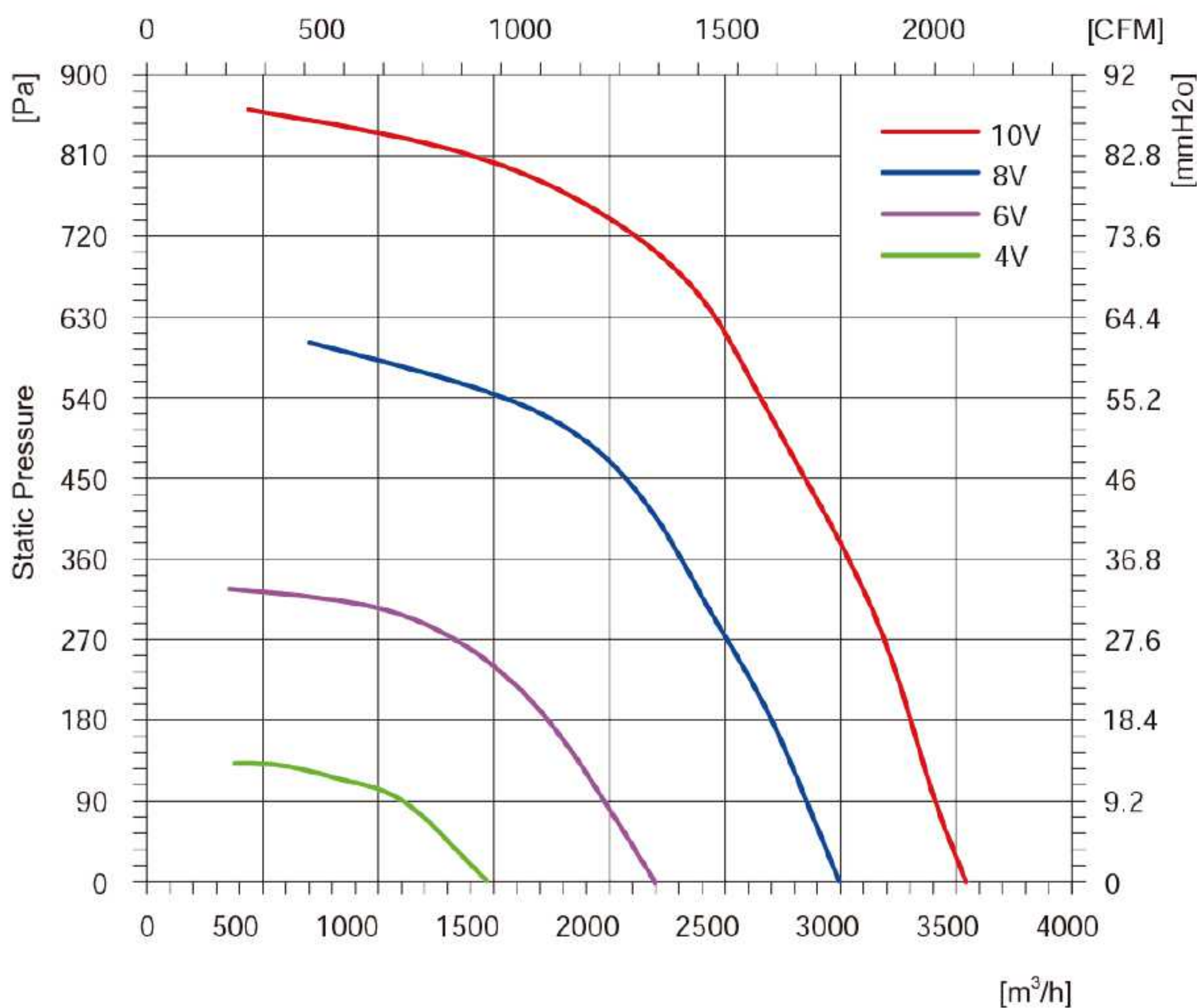
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

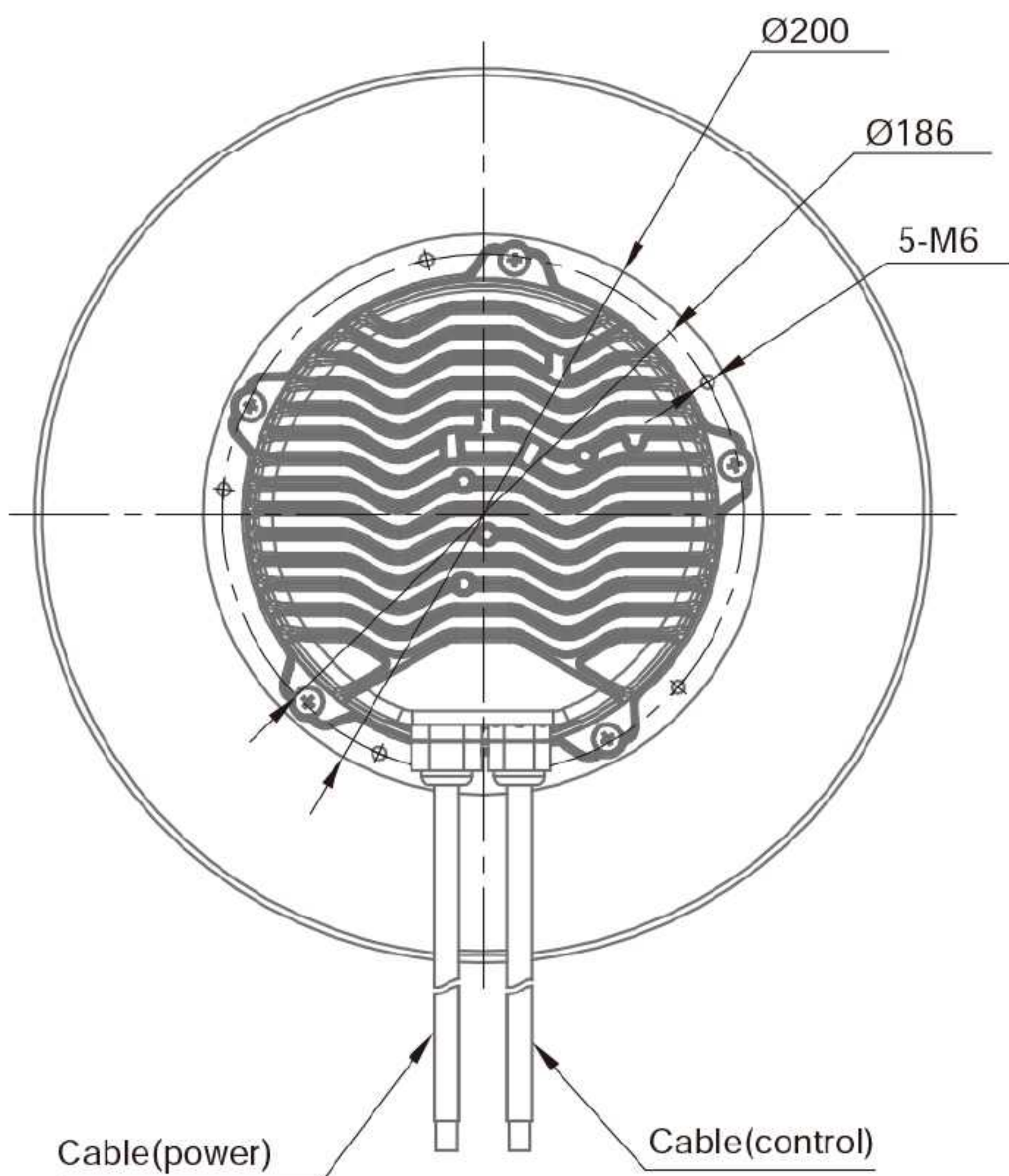
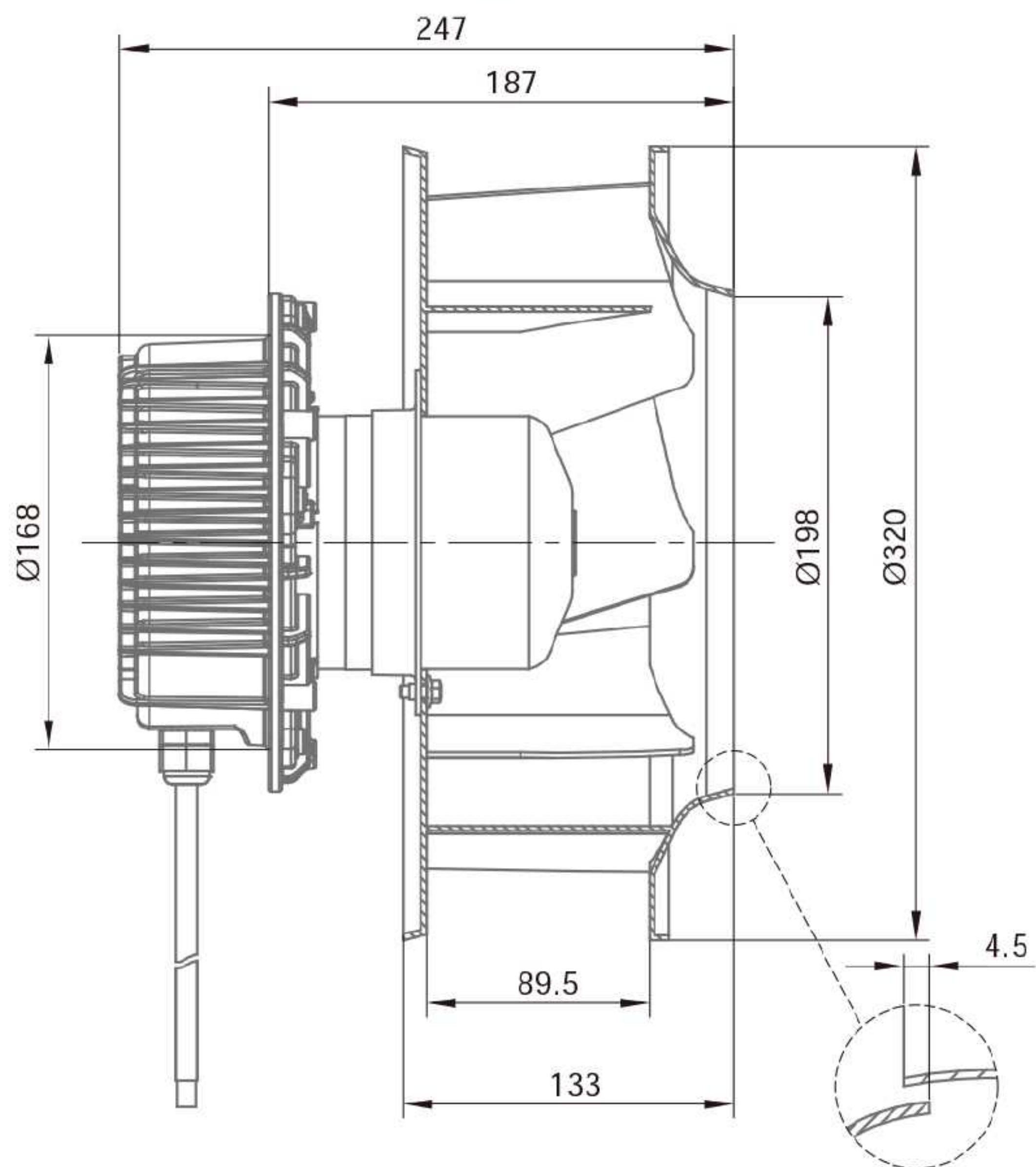
Ø280



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G280-102NS-009	230V	50/60Hz	730W	3.20A	3600m³/h	2850RPM	73dB(A)	7.0kg

EC Backward curved Centrifugal Fans

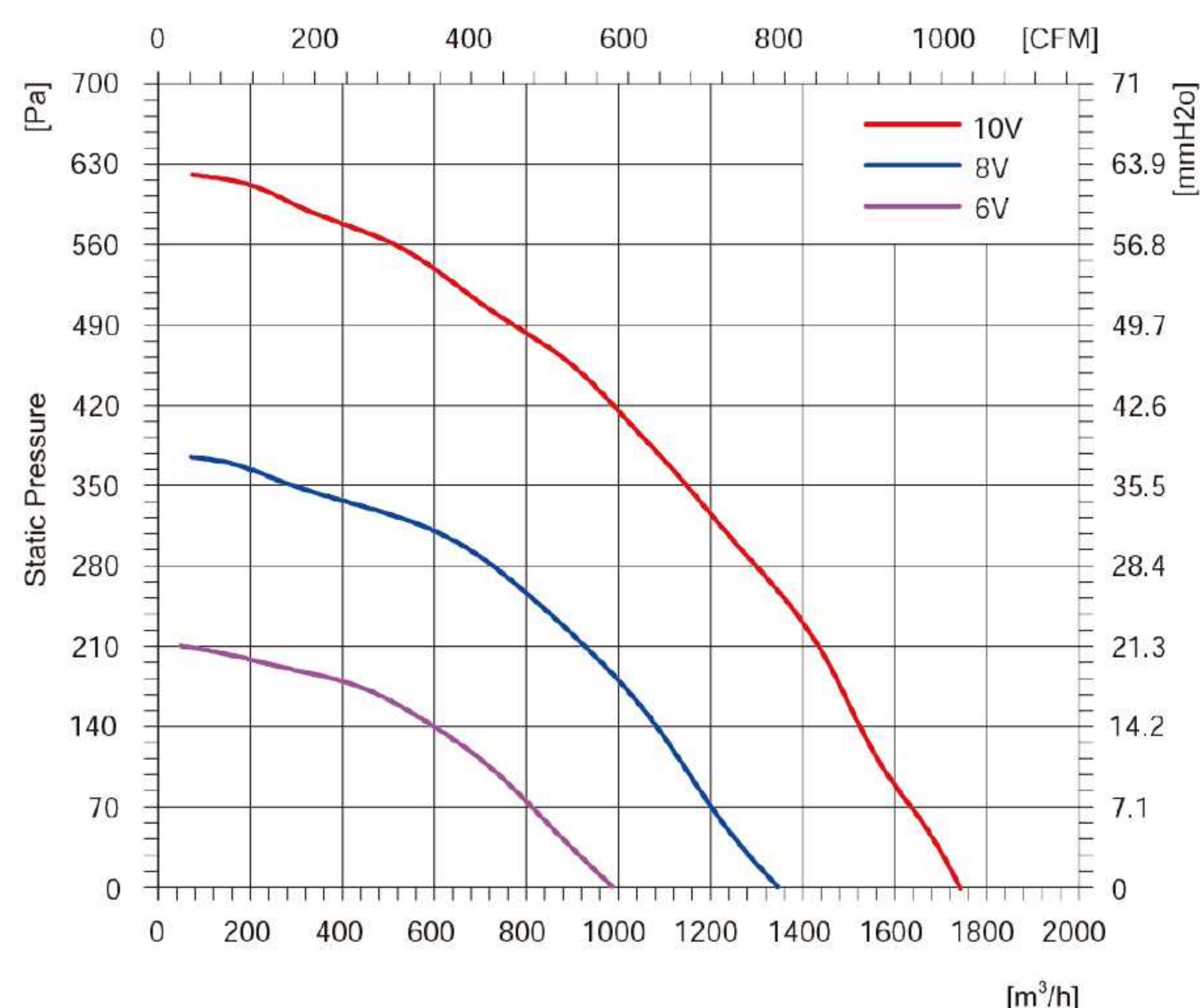
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Galvanised iron
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

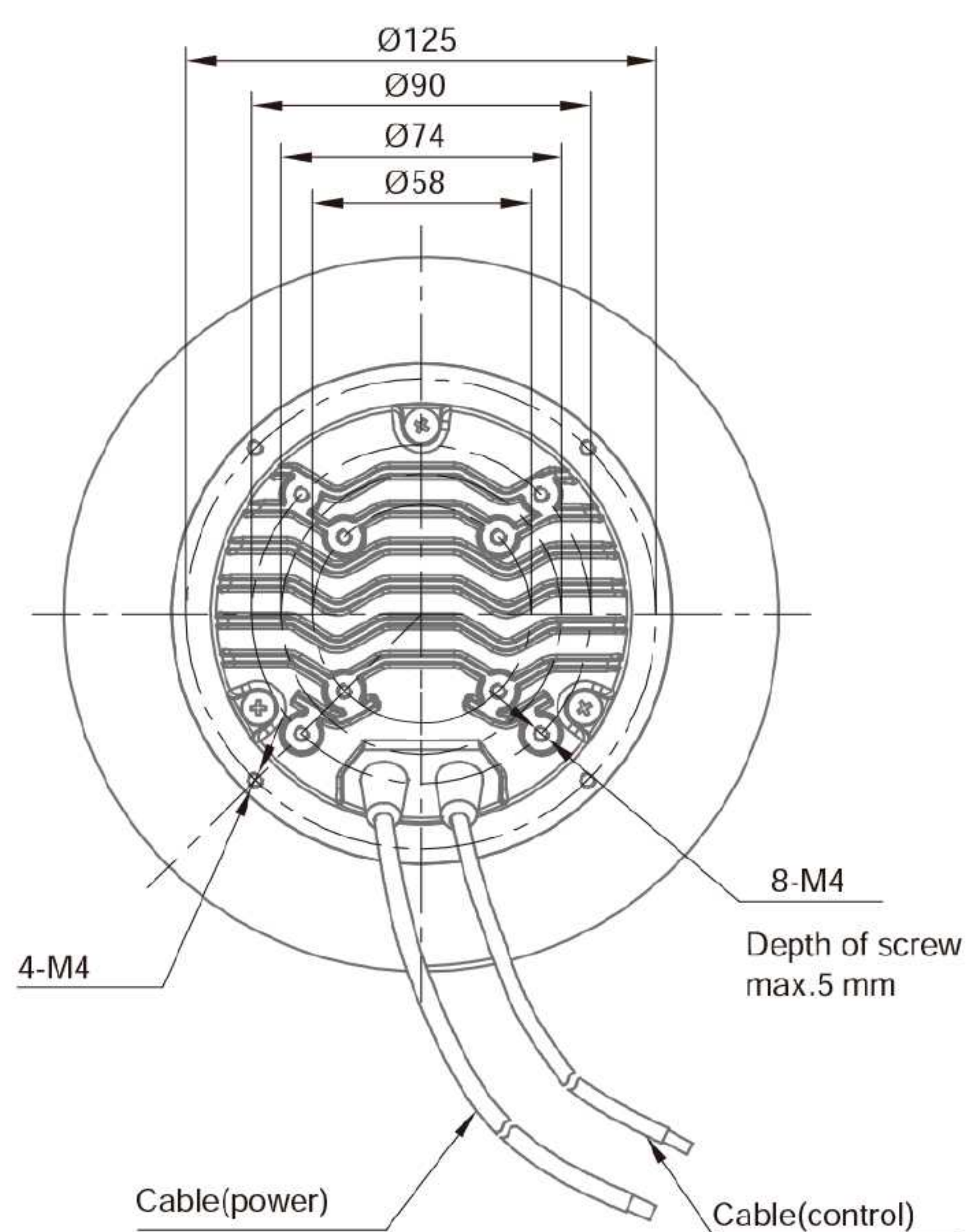
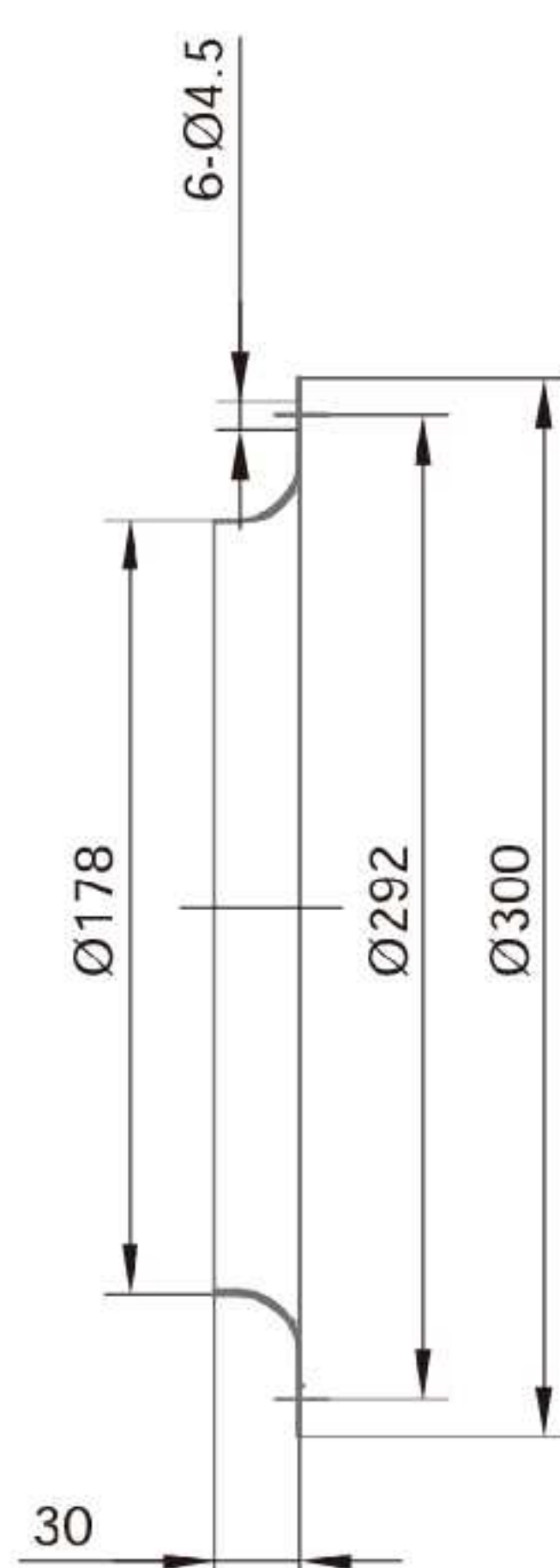
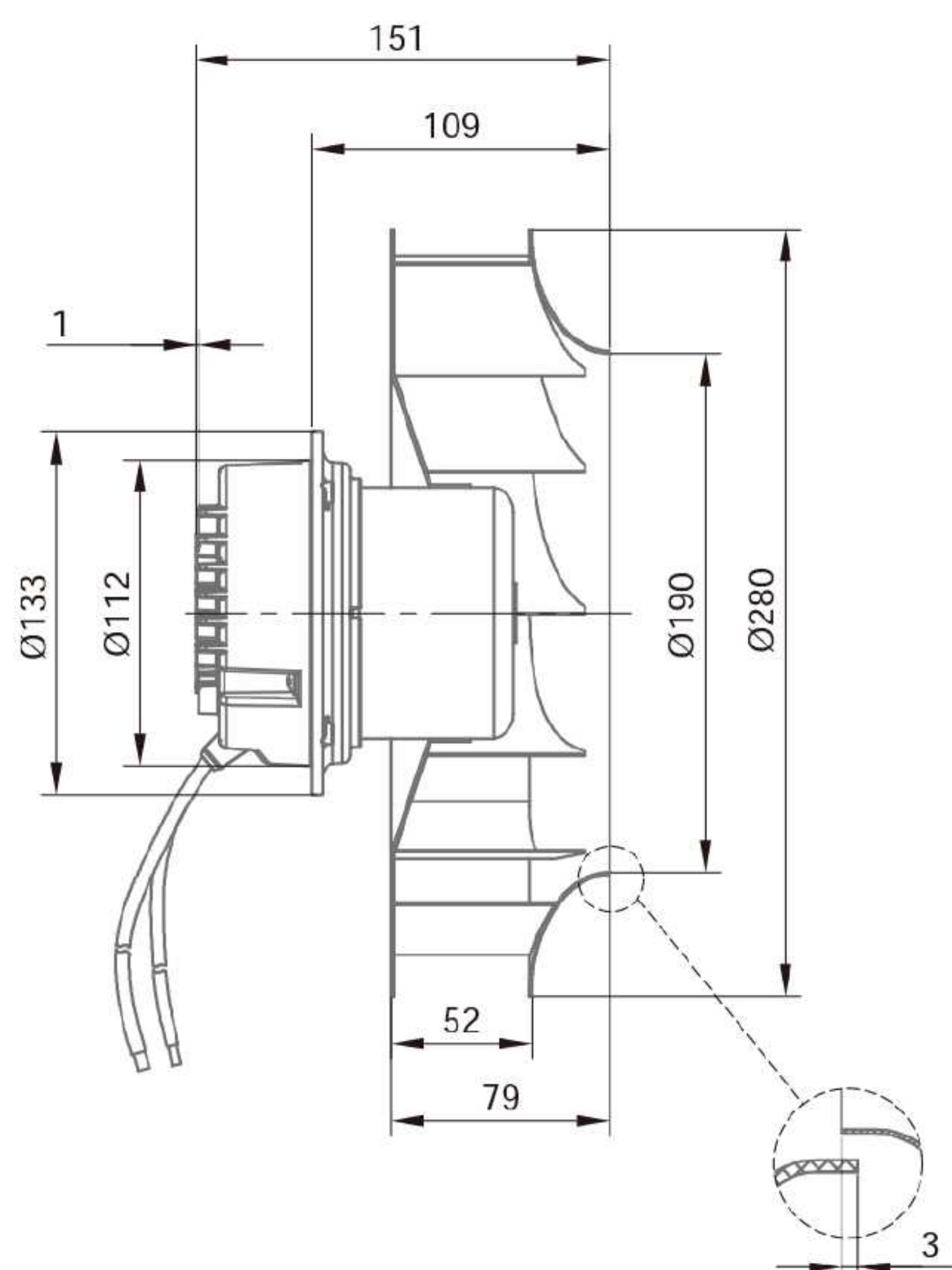
Ø280



Flow Rate Curve



Product Drawing

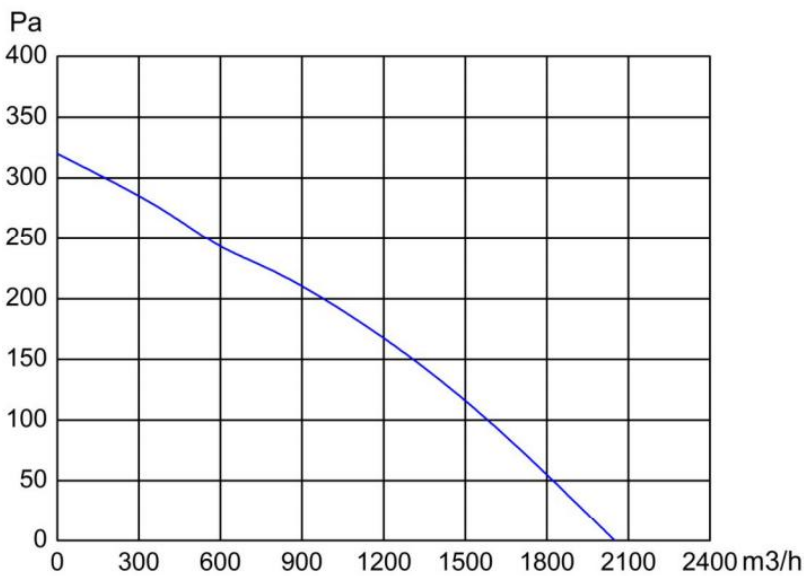


Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G280-092NS-010	230V	50/60Hz	245W	1.7A	1700m³/h	2500RPM	75dB(A)	3.6kg

EC CENTRIFUGAL FAN

LWBE3G310-092

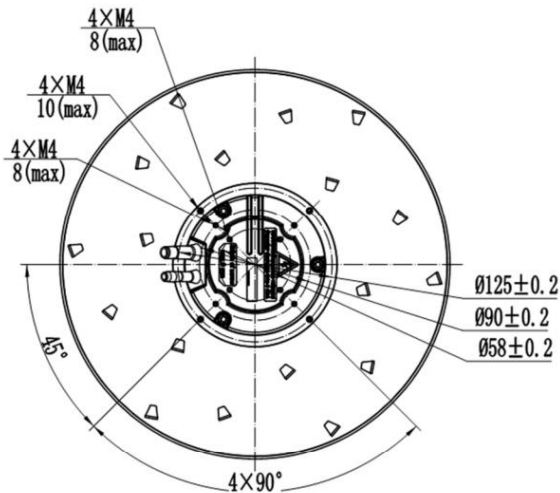
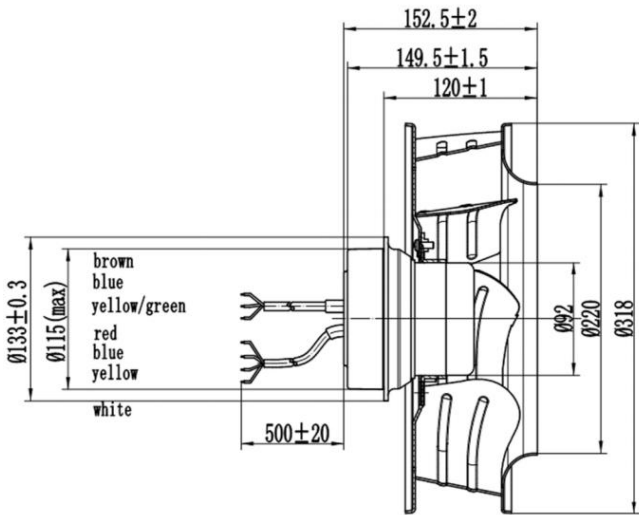


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

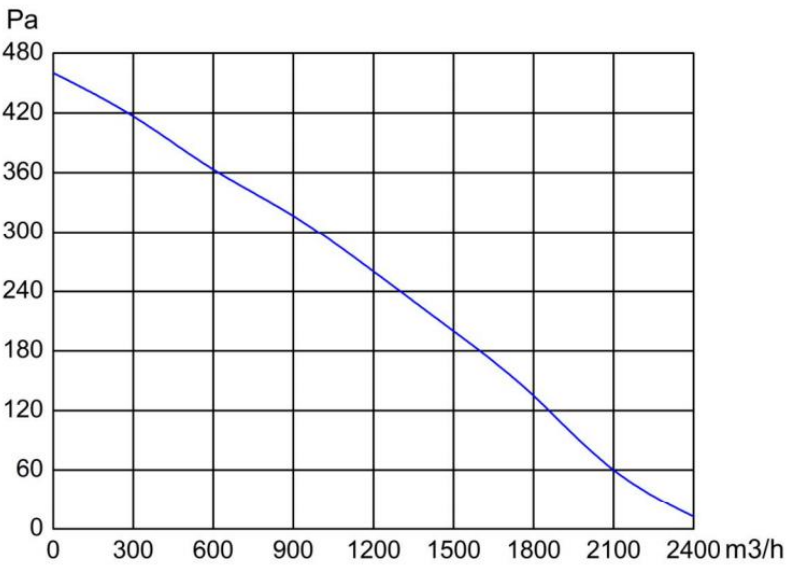
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G310-092NS-001	Ball	230	200-277	1.07	134	1865	2000	320	65



EC CENTRIFUGAL FAN

LWBE3G310-092

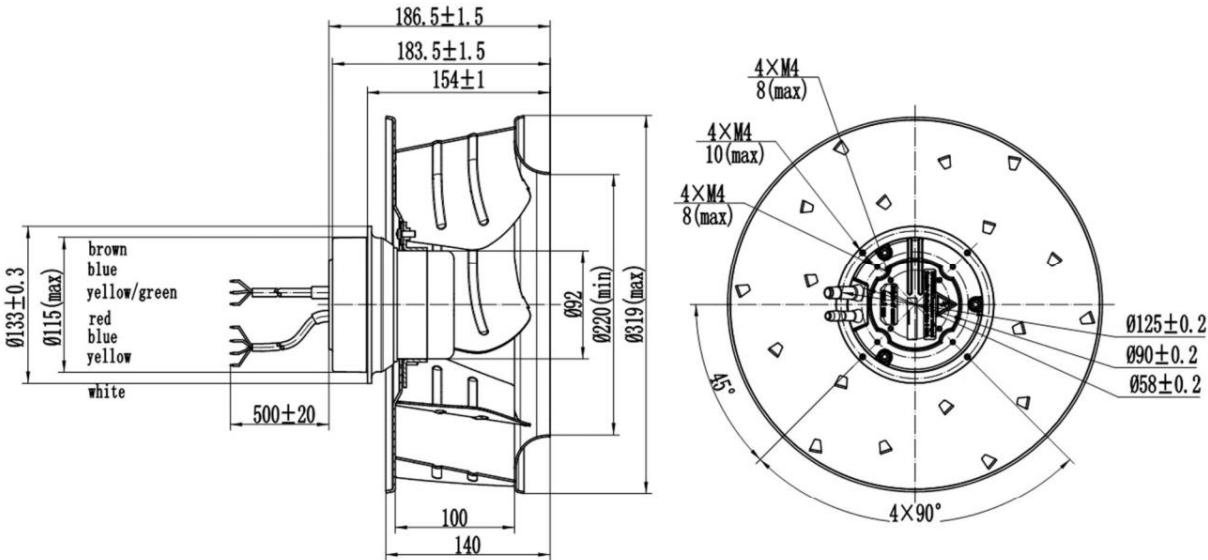


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

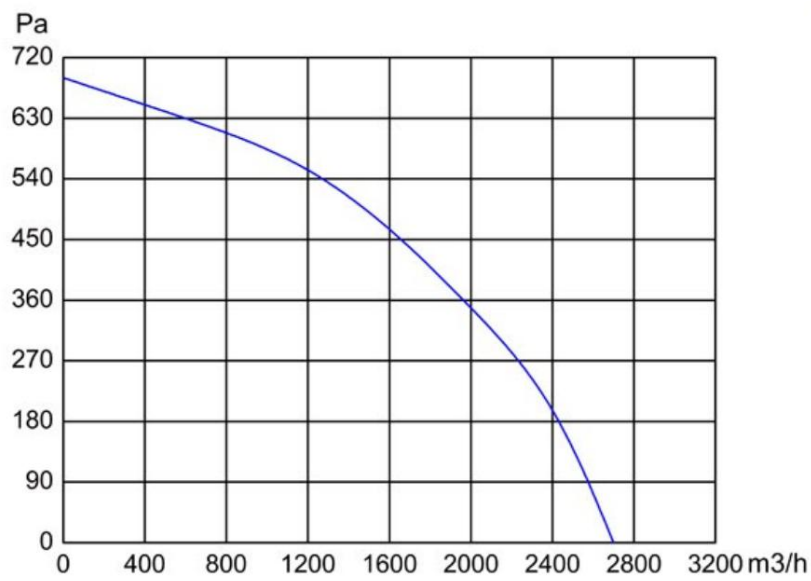
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G310-092NS-002	Ball	230	200-277	1.33	180	1770	2480	460	77



EC CENTRIFUGAL FAN

LWBE3G310-102

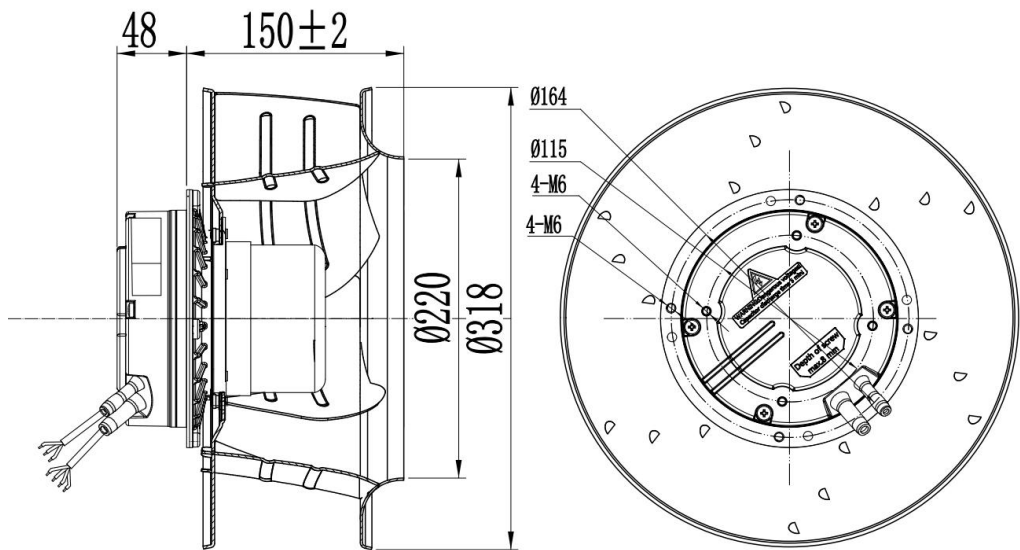


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

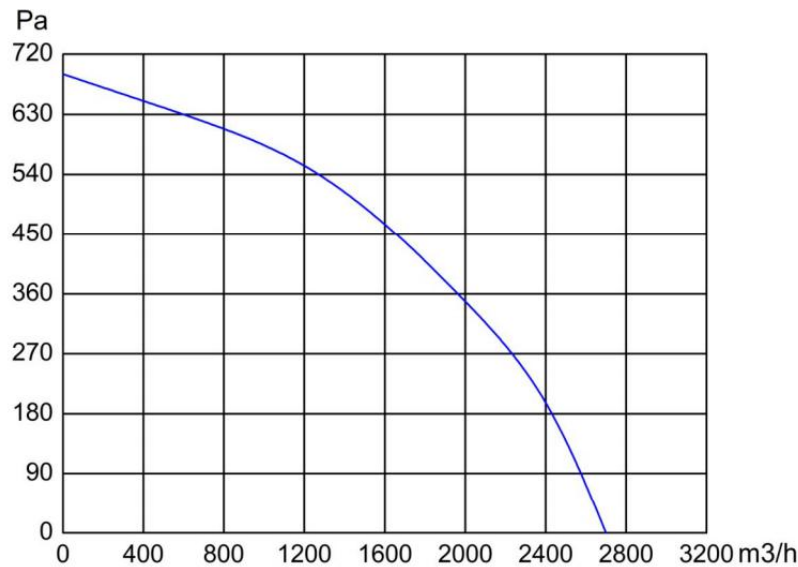
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G310-102NS-003	Ball	230	200-277	3	445	2600	2750	700	79



EC CENTRIFUGAL FAN

LWBE3G310-102

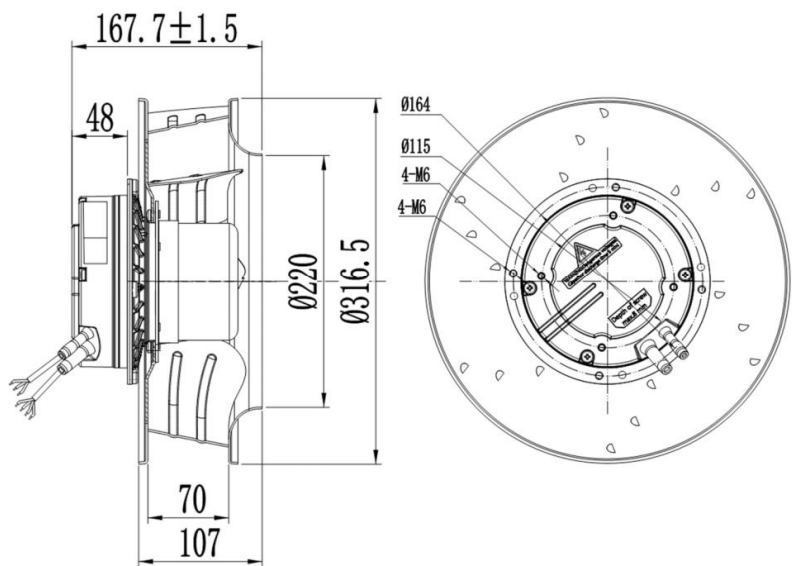


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

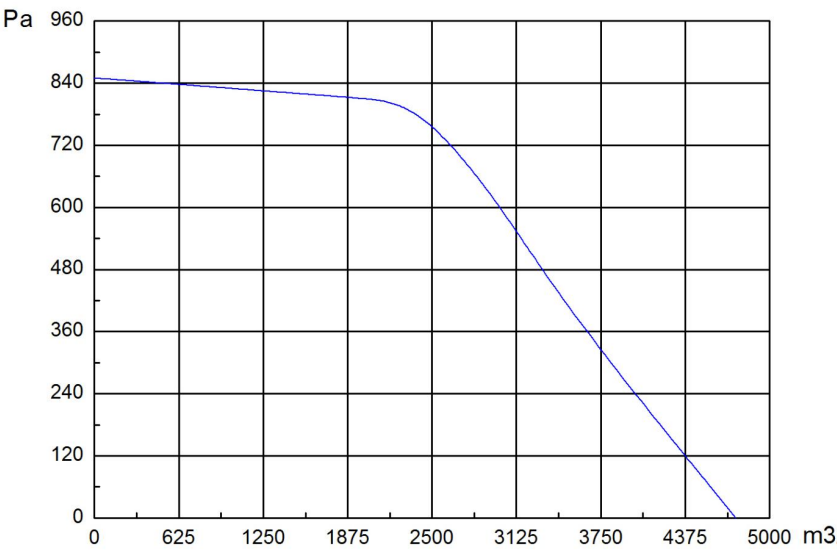
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G310-102NS-004	Ball	230	200-277	3	369	2300	2700	690	79



EC CENTRIFUGAL FAN

LWBE3G310-137

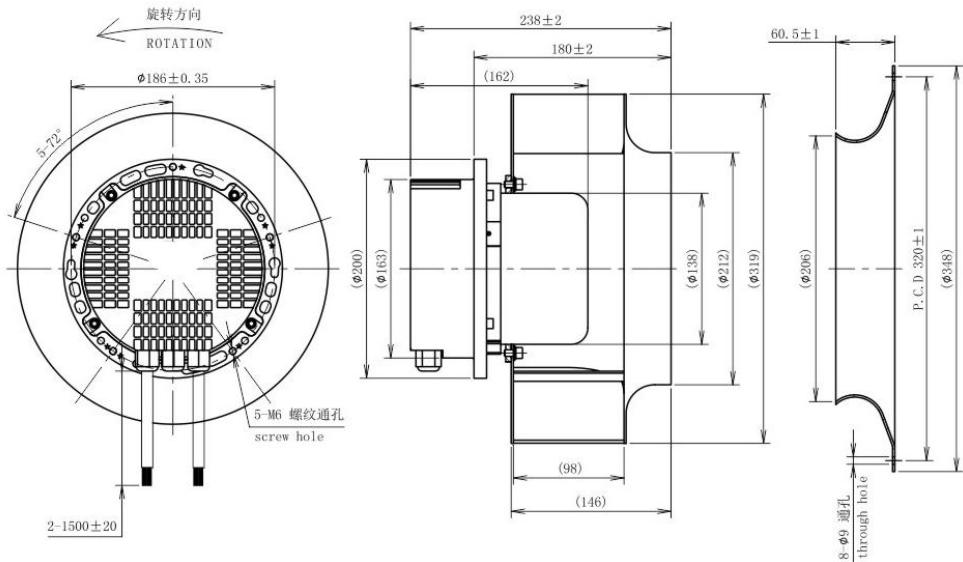


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G310-137NS-005	Ball	3~380	/	1.64	980	2600	4750	850	74



EC Backward Curved Centrifugal fans

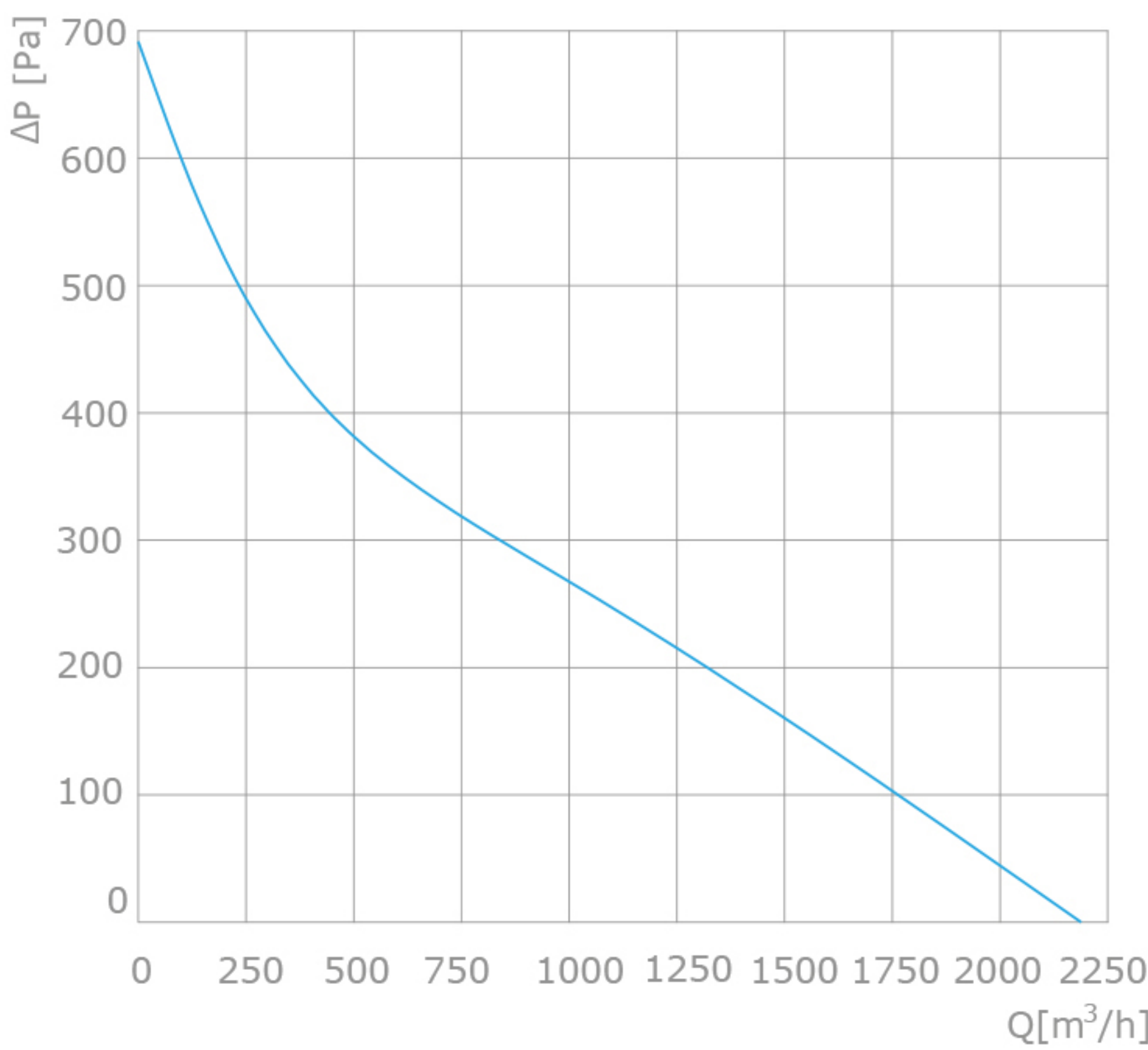
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: Aluminum alloy
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

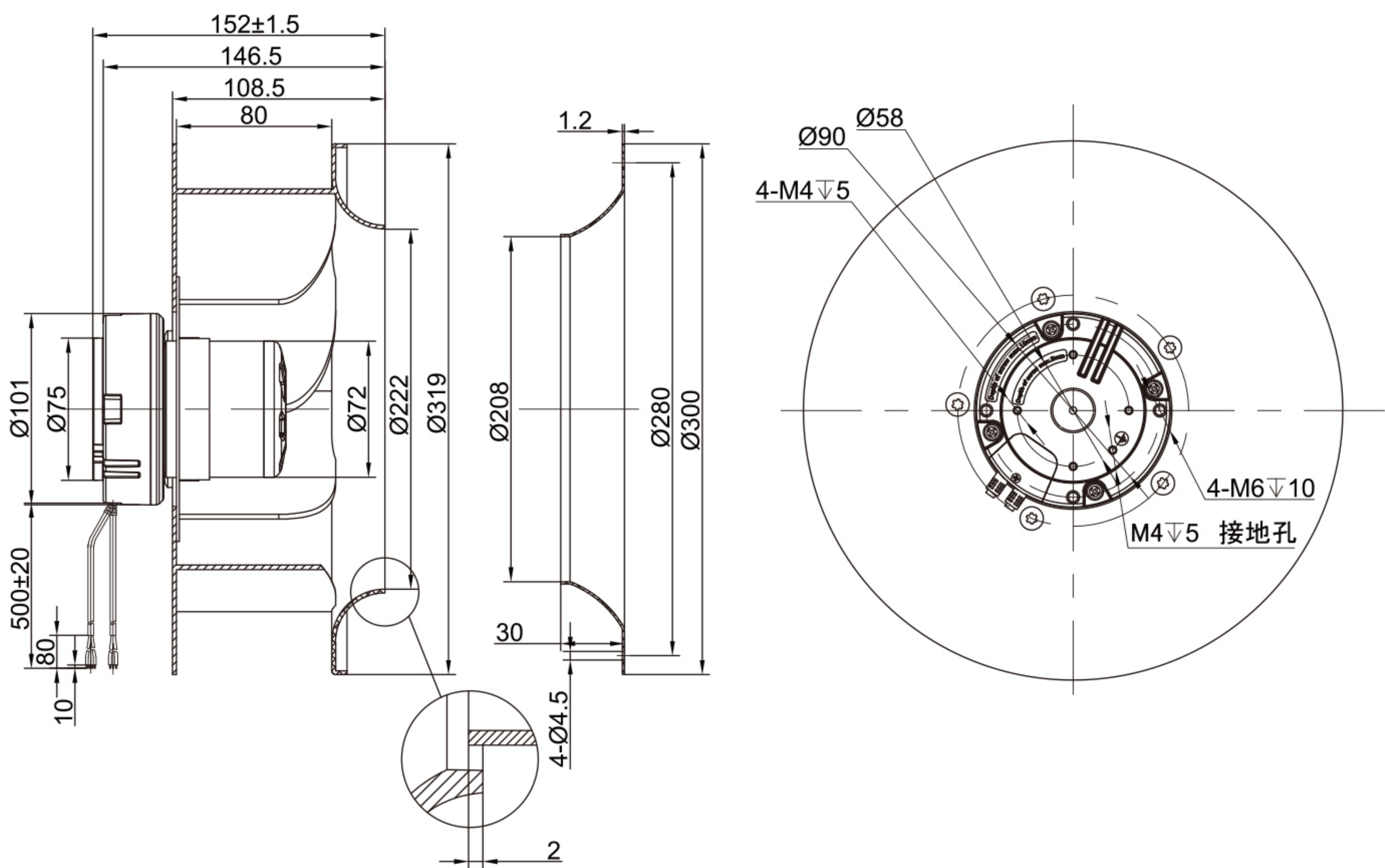
Ø310



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G310-072NS-007	230V	50/60Hz	1810RPM	175W	1.25A	66dB(A)	-25℃~+60℃

EC Backward Curved Centrifugal fans

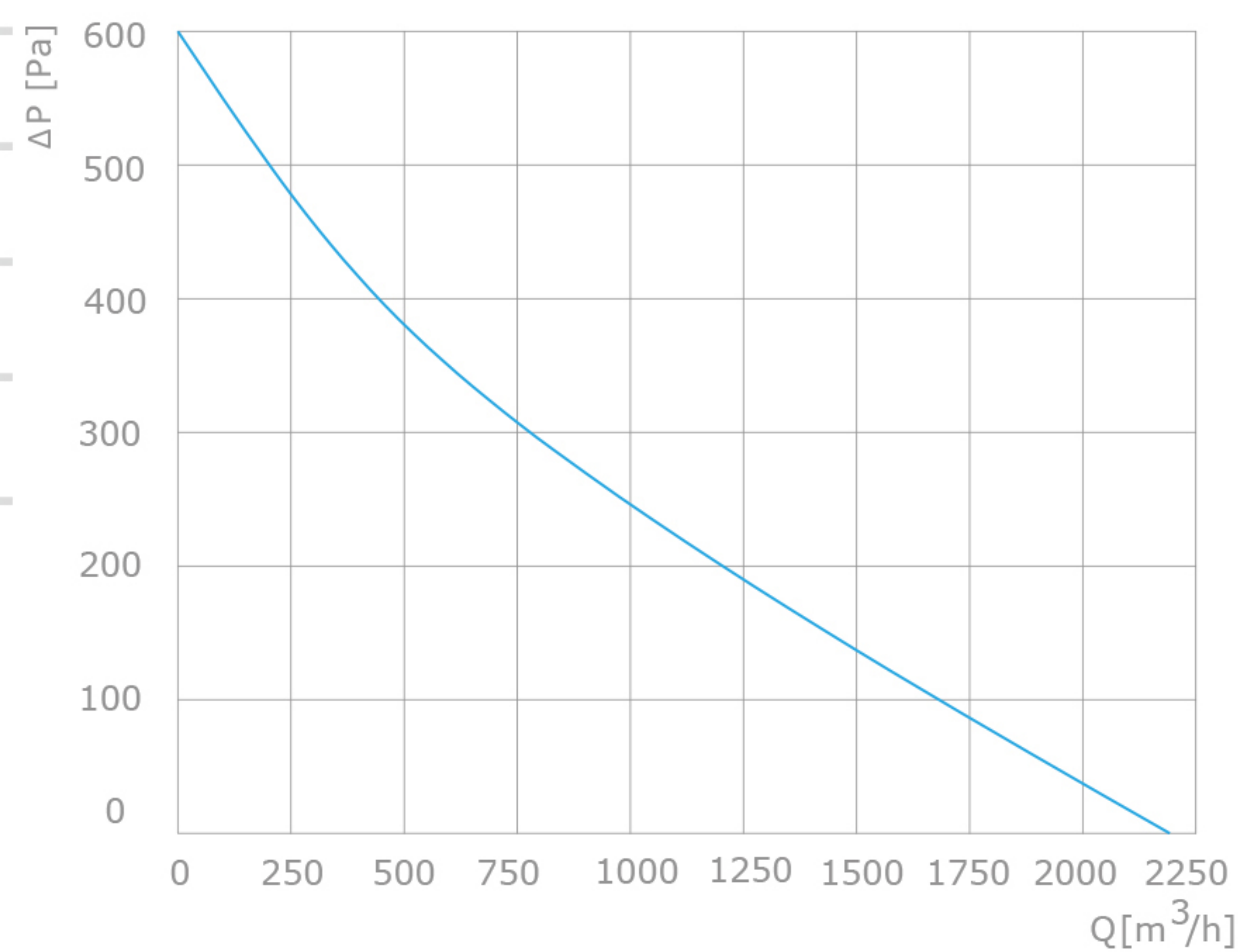
Product Characteristic

- Speed Control: 0~10V DC/PWM
- Impeller Material: Aluminum alloy
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

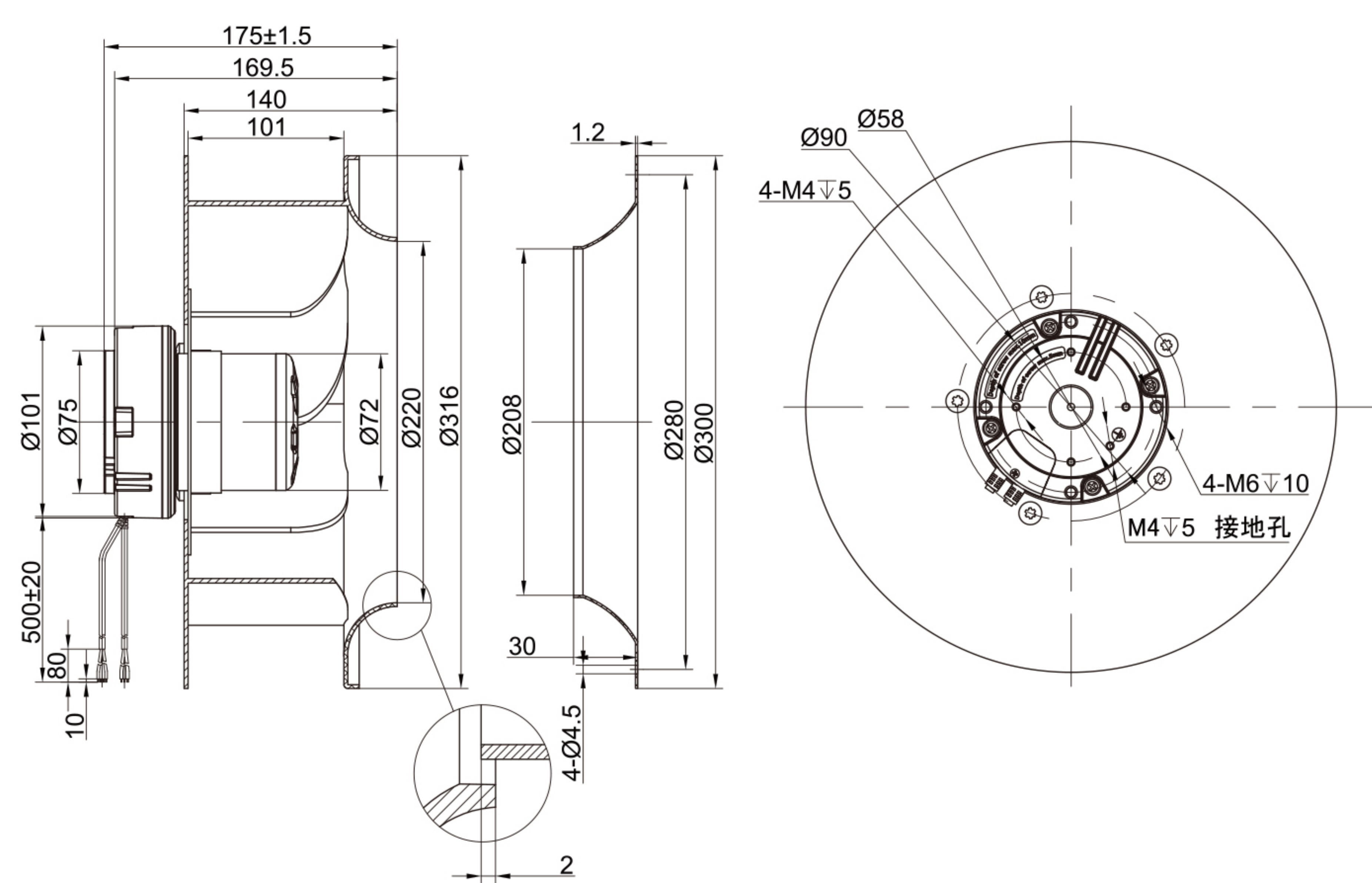
Ø310



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G310-072NS-008	230V	50/60Hz	1710RPM	175W	1.25A	63dB(A)	-25℃ ~+60℃

Product Characteristic

- ## Flow Rate Curve



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G310-102NS-009	230V	50/60Hz	2960RPM	700W	3.1A	85dB(A)	-25℃~+60℃

EC Backward curved Centrifugal Fans

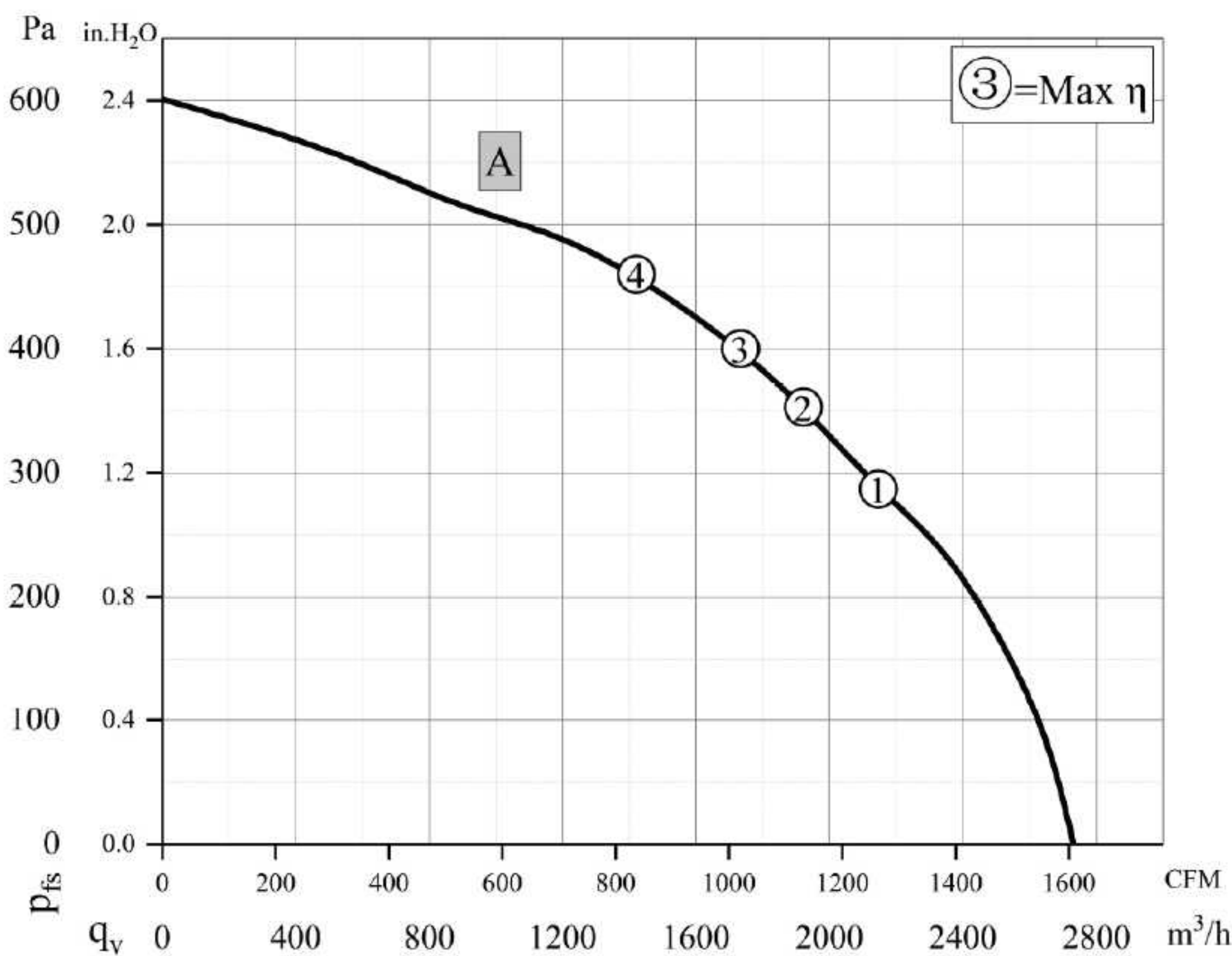


Product Characteristic

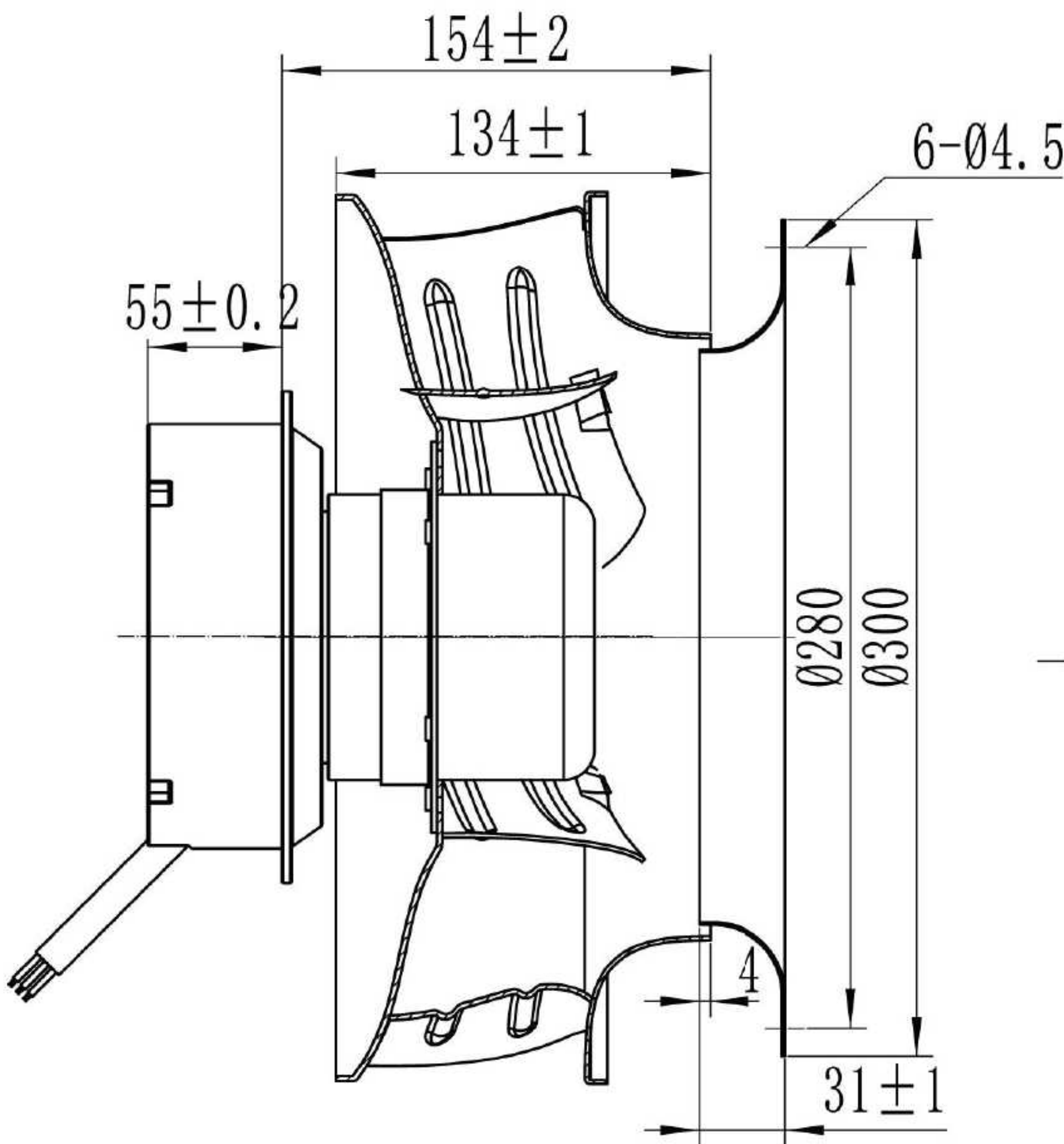
Ø310

- Impeller material : Aluminum alloy 5052
- Direction of rotation: Clockwise,seen on rotor
- Technical feature: Control input 0-10VDC/PWM
- Type of protection: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Approval: CCC,CE,UL
- Amb.Temp: -25~+60℃

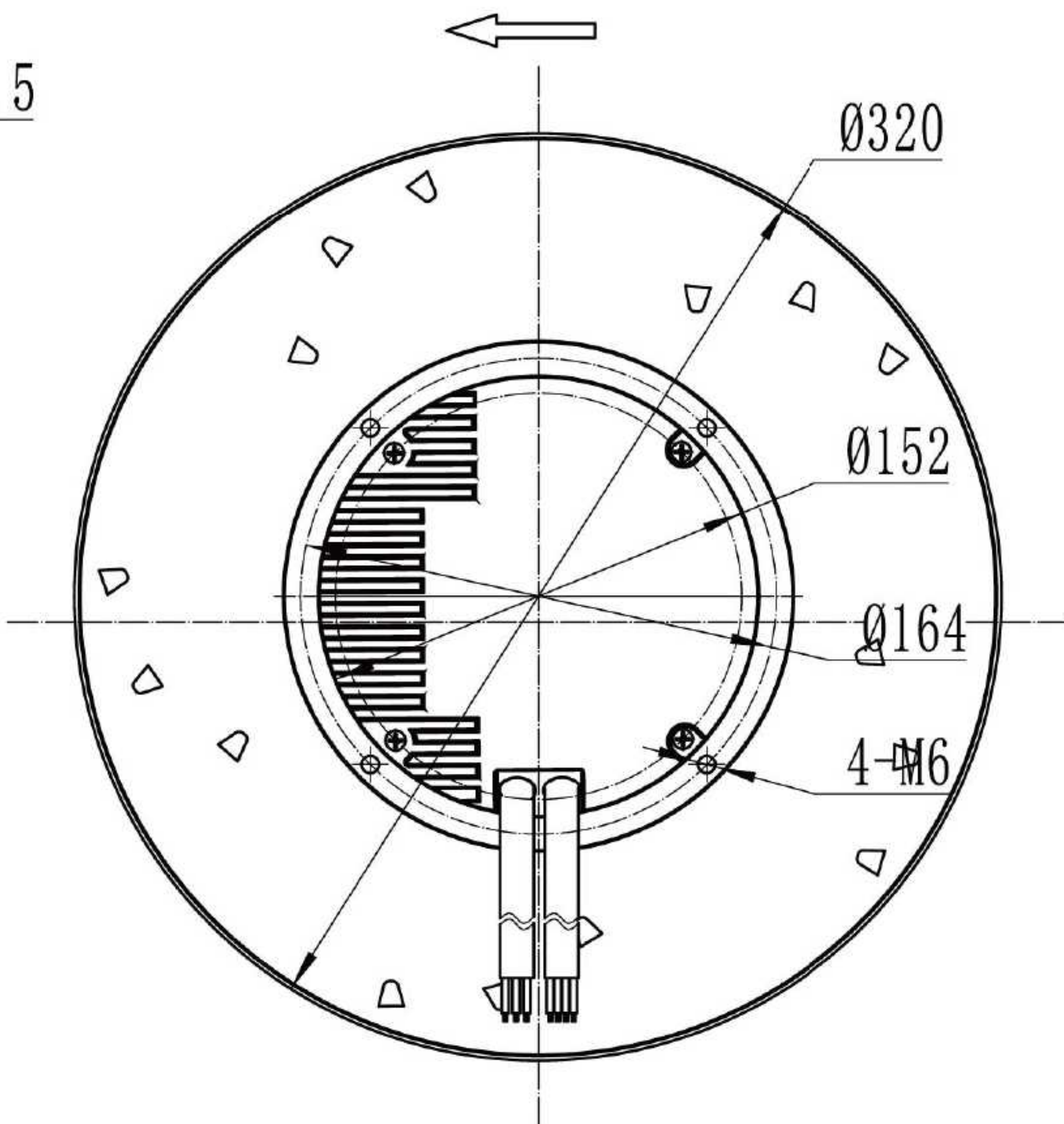
Flow Rate Curve



Product Drawing



Rotating Direction



Technical Specifications

Model	Curve	Voltage	Frequency	Pst	Air Volume	Speed	Power	Noise
LWBE3G310-102NS-011	A	1~230V	50/60Hz	0Pa	2730m³/h	2150RPM	285W	/

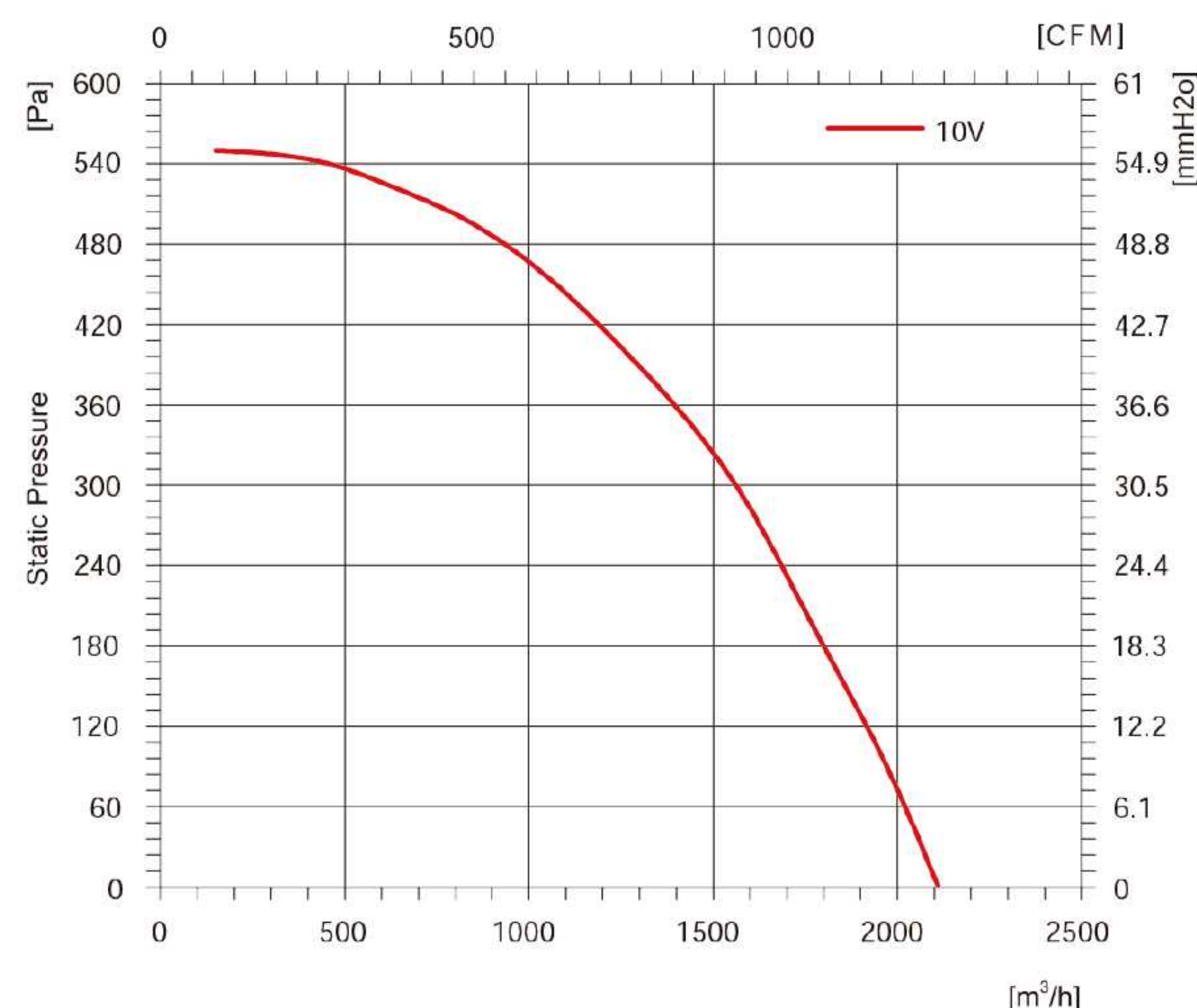
EC Backward curved Centrifugal Fans



Product Characteristic

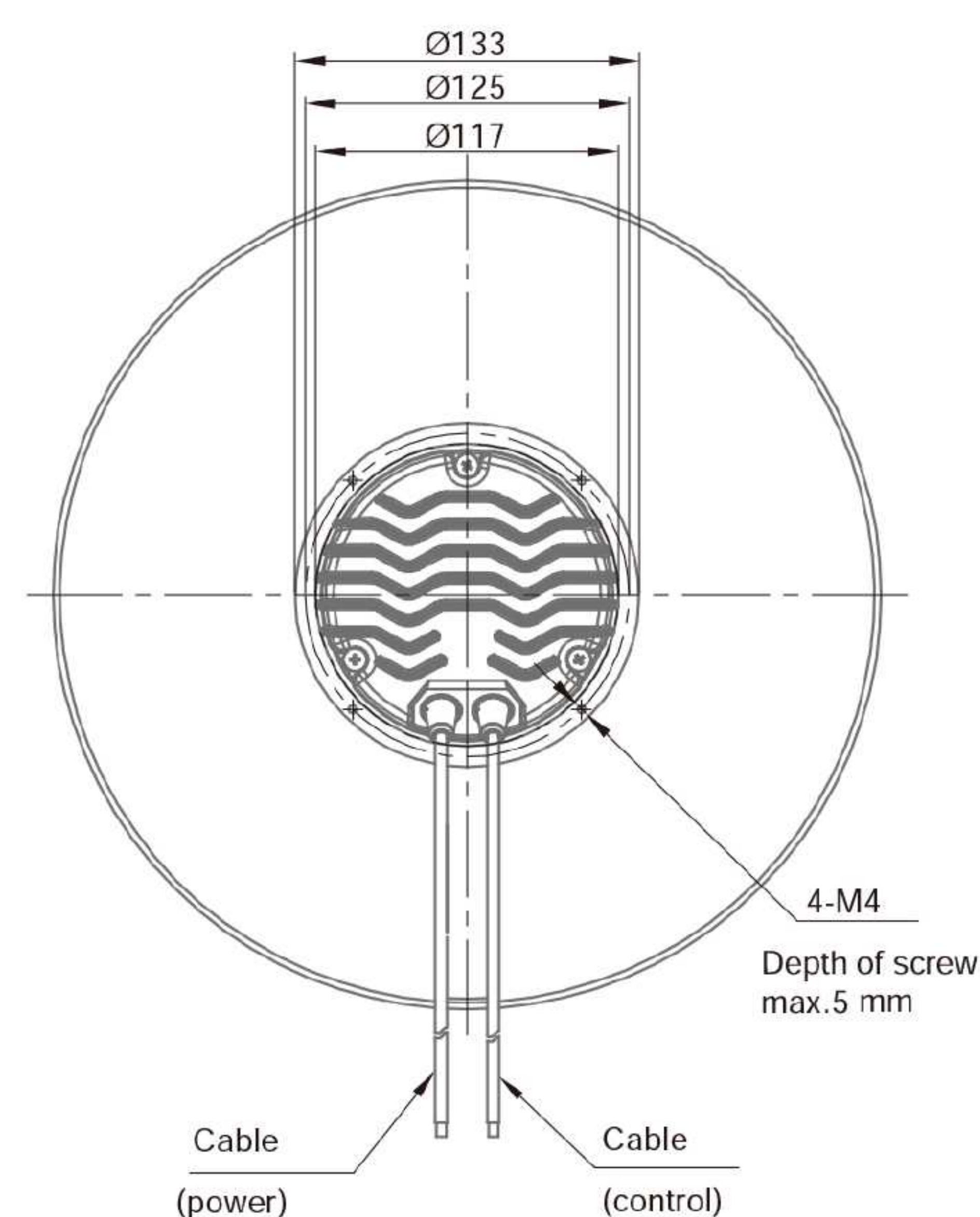
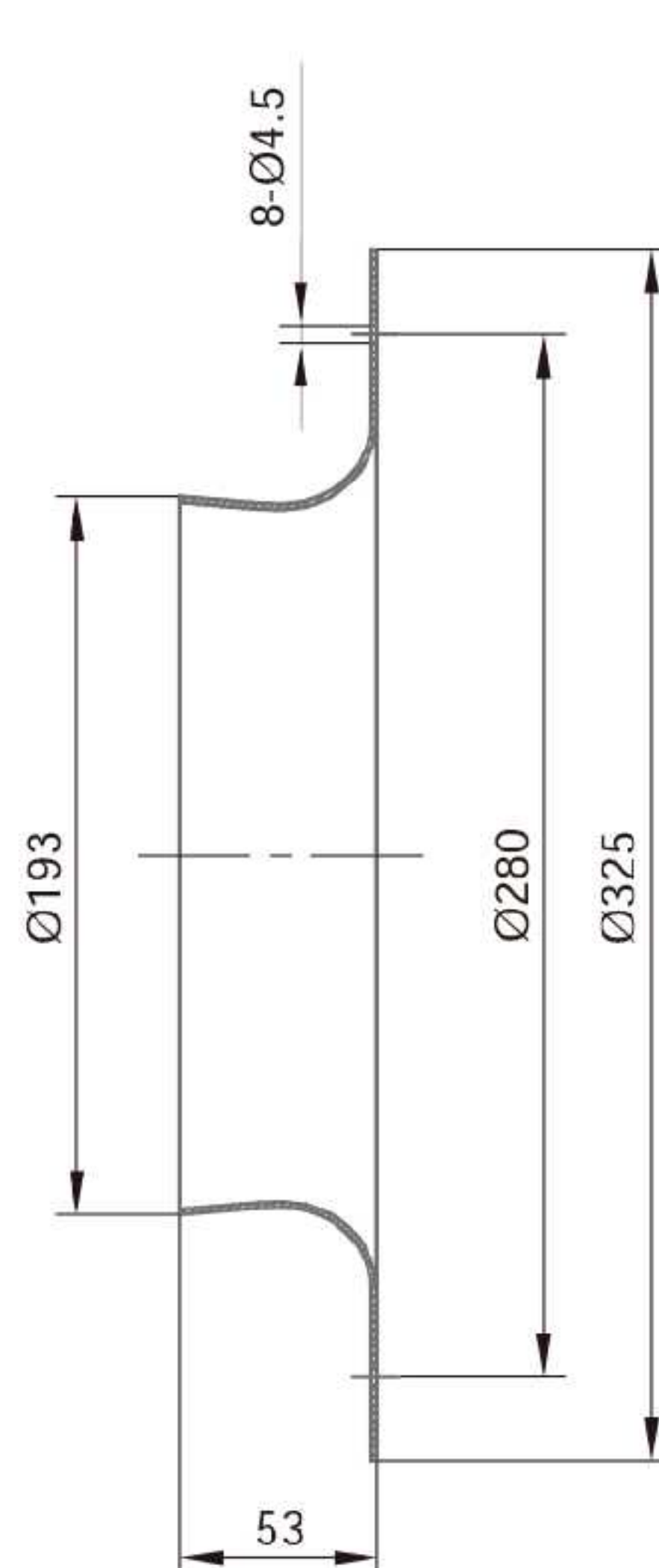
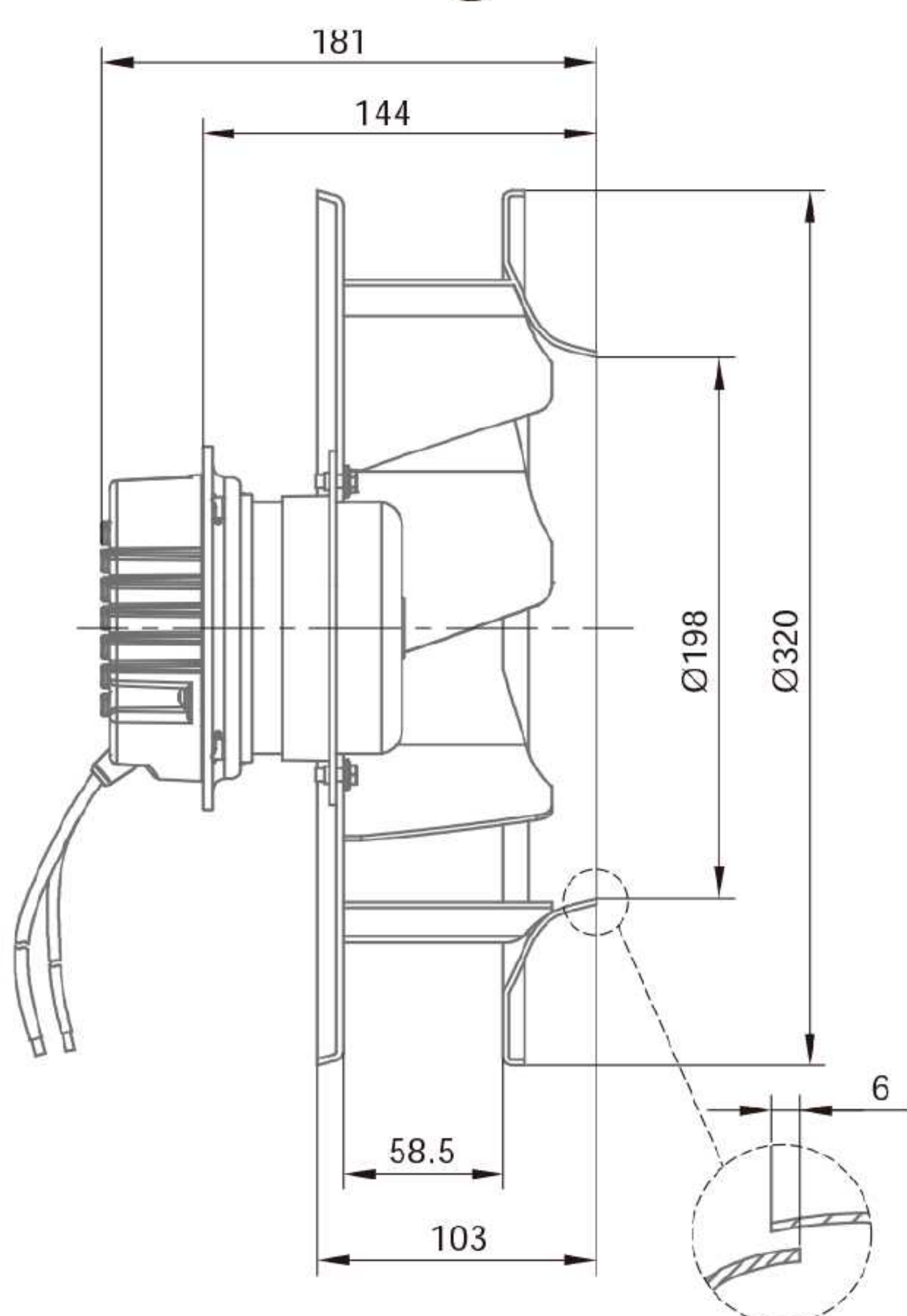
Ø310

Flow Rate Curve



- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G310-102NS-012	230V	50/60Hz	250W	1.87A	2100m³/h	2230RPM	69dB(A)	3.8kg

EC Backward curved Centrifugal Fans

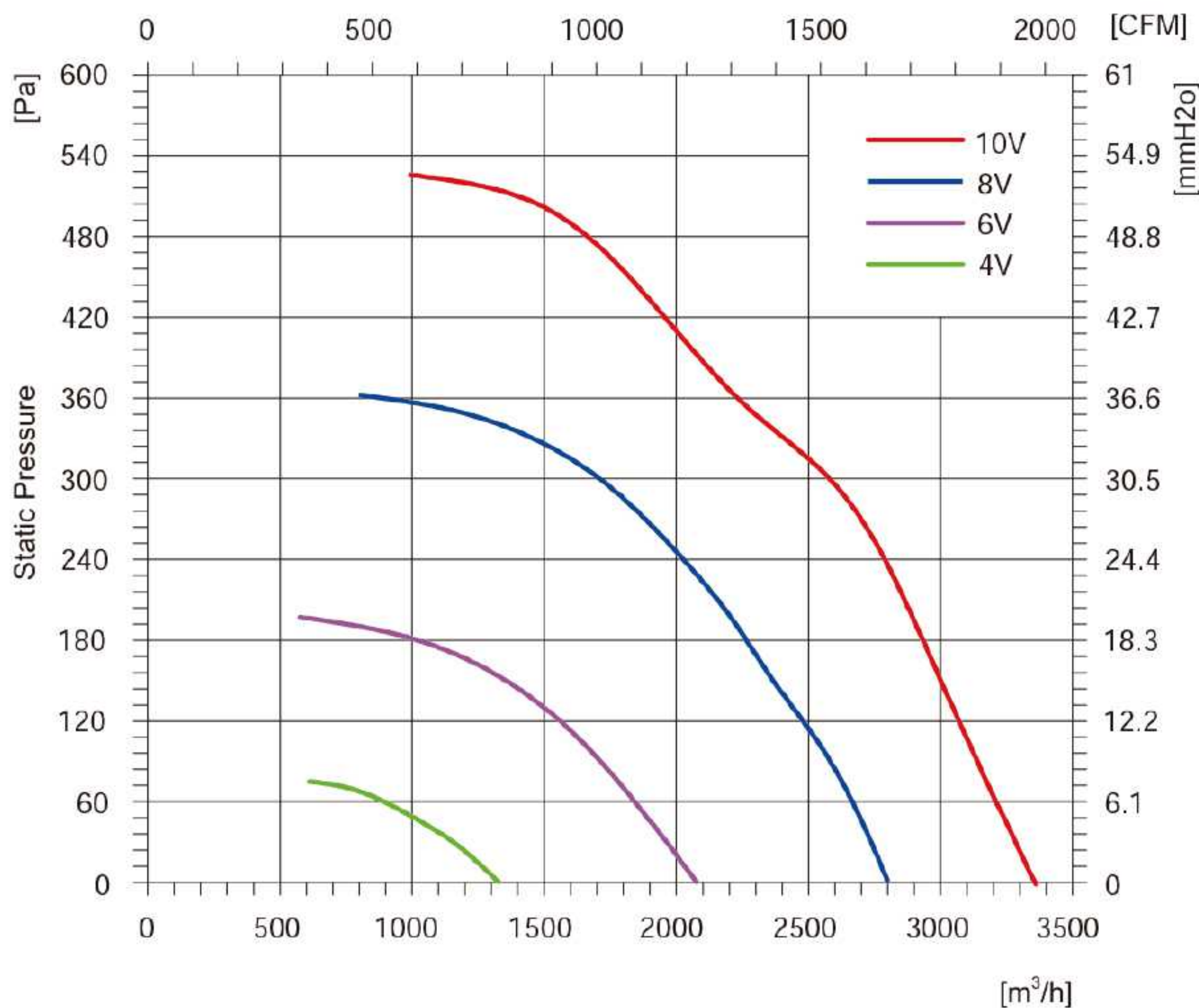
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

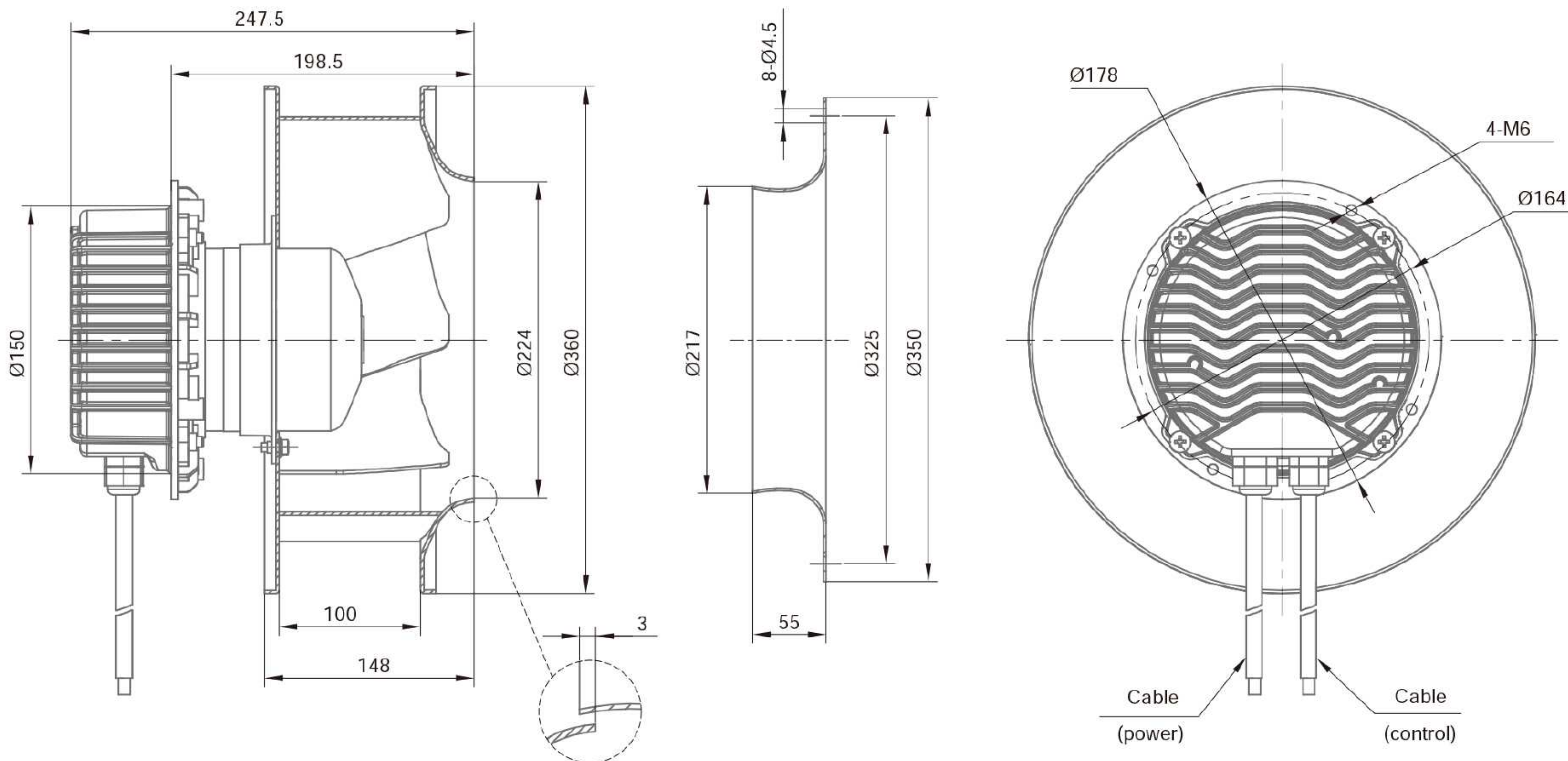
Ø310



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G310-102NS-013	230V	50/60Hz	410W	3.30A	3400m³/h	2000RPM	69dB(A)	6.7kg

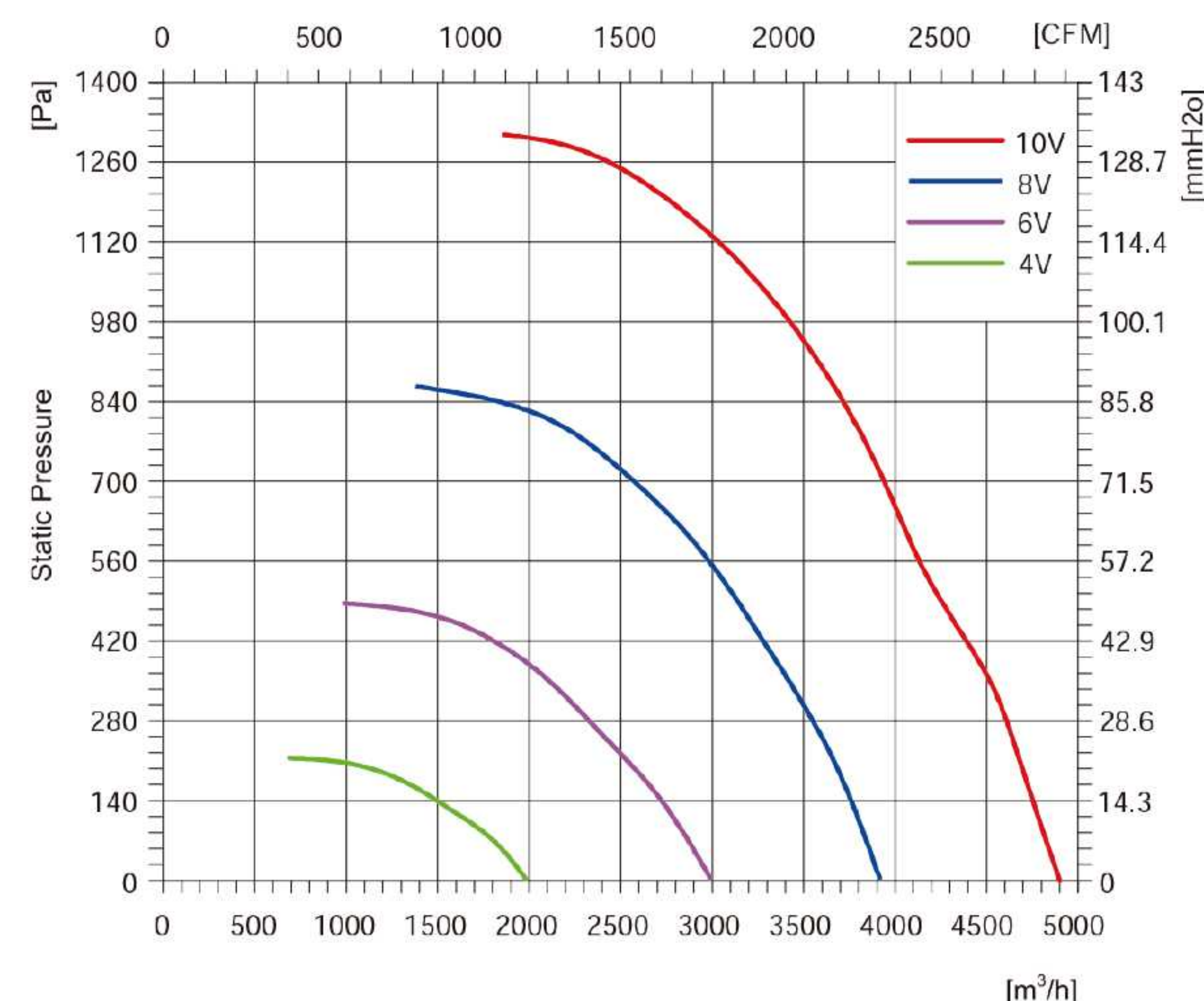
EC Backward curved Centrifugal Fans



Product Characteristic

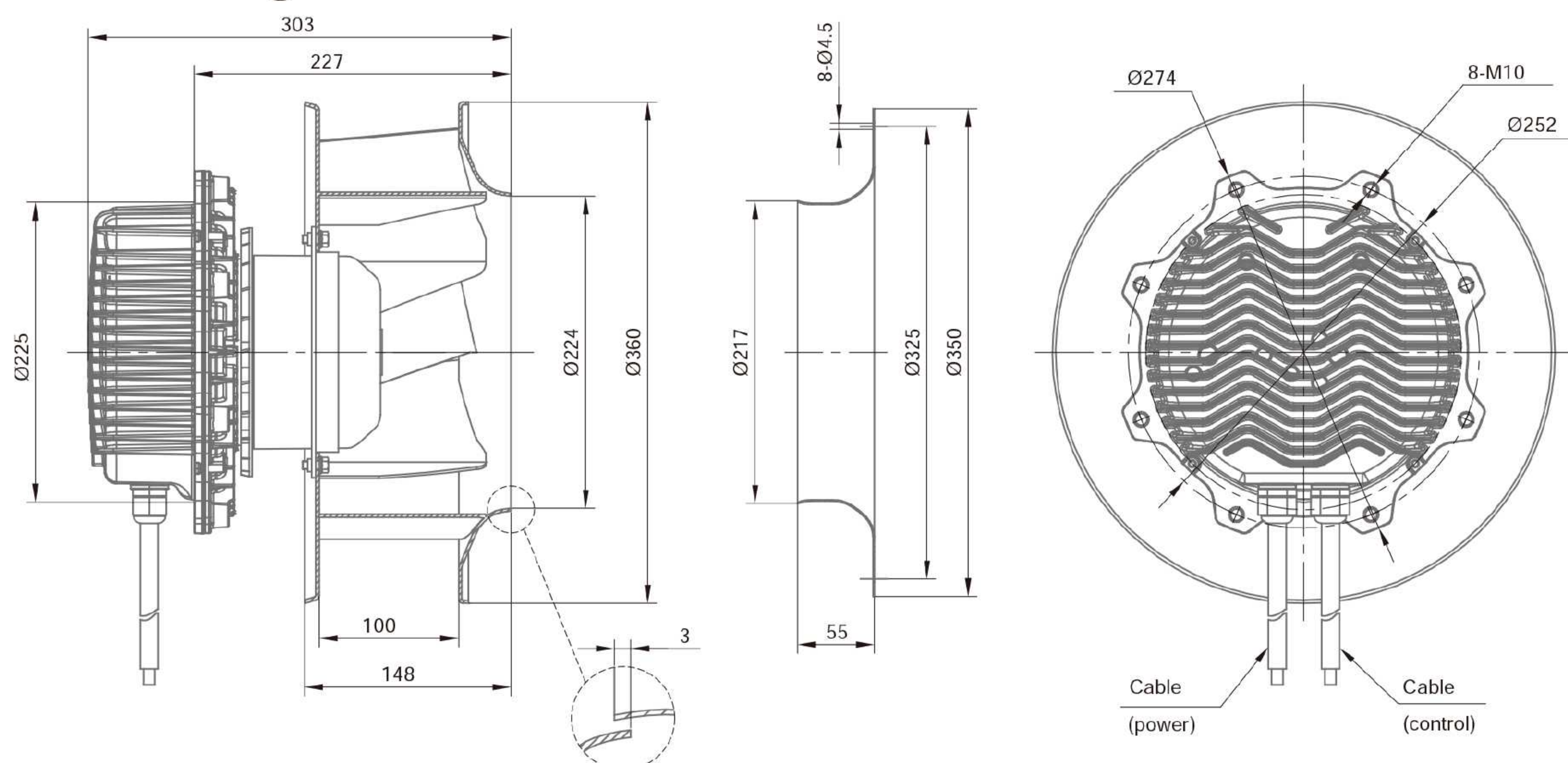
Ø310

Flow Rate Curve



- Motor technology : EC Outer rotor
- Supply voltage: 3~,380-480V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

Product Drawing

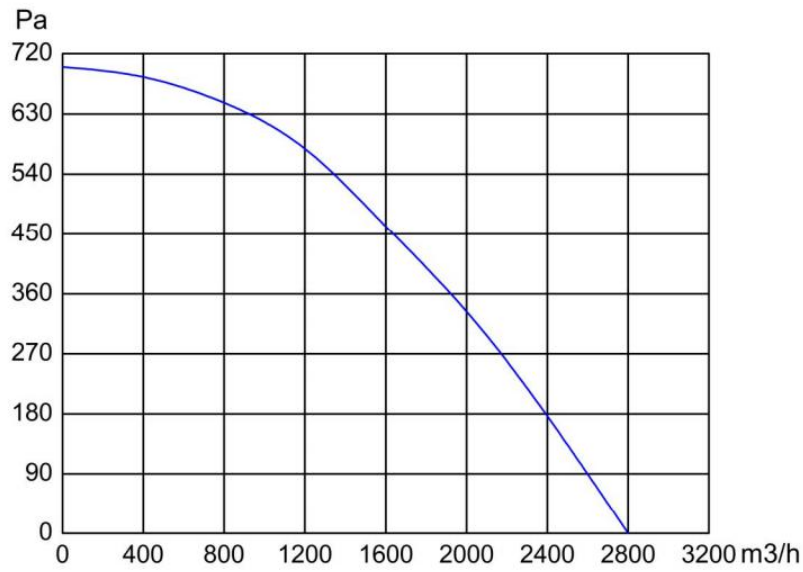


Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G310-102NT-014	400V	50/60Hz	1650W	2.80A	4900m³/h	3160RPM	82dB(A)	13.0kg

EC CENTRIFUGAL FAN

LWBE3G355-102

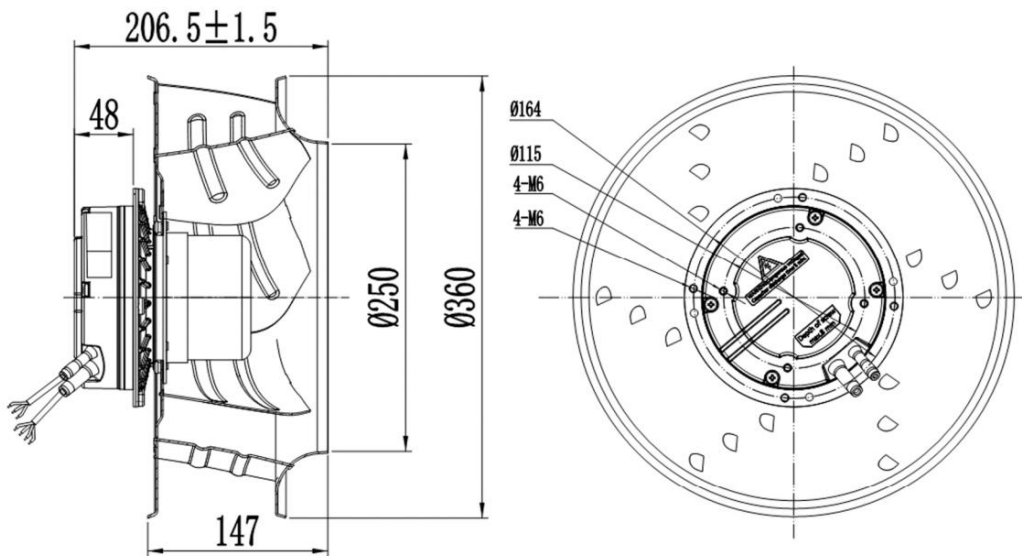


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

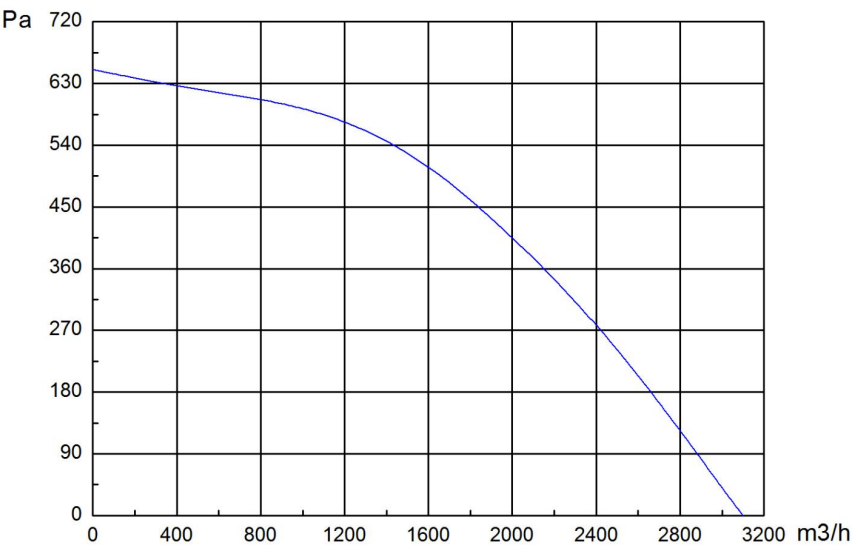
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G355-102NS-001	Ball	230	200-277	2	240	1970	2800	700	76



EC CENTRIFUGAL FAN

LWBE3G355-102

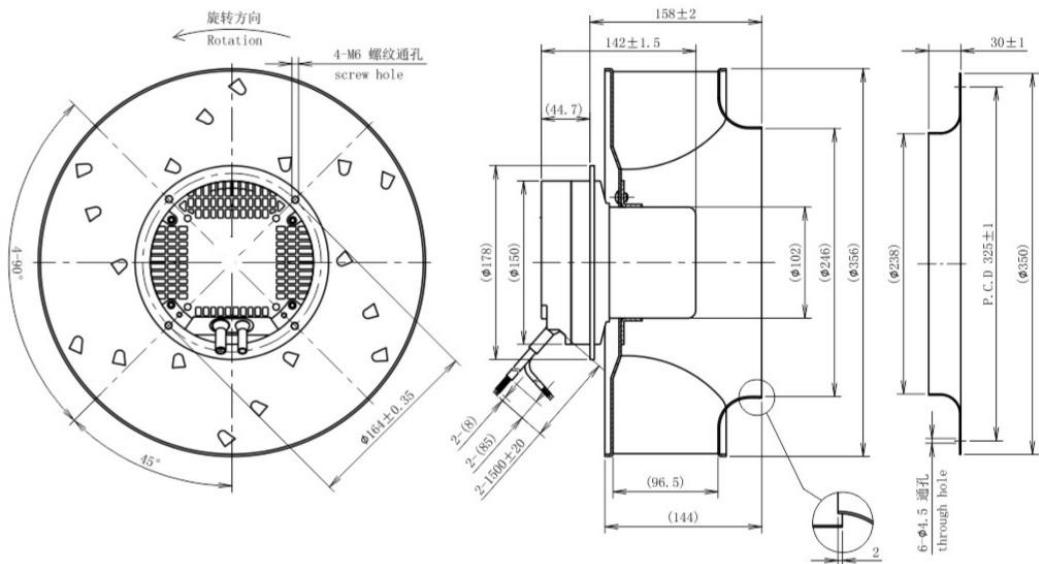


- Motor Type : BLEC Motor
- Impeller Material : Aluminum Alloy
- Protection Class : IP44
- Insulation Class : F
- Certification : CE/ETL/CCC
- Operation Temperature : - 25 °C ~ +60 °C

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

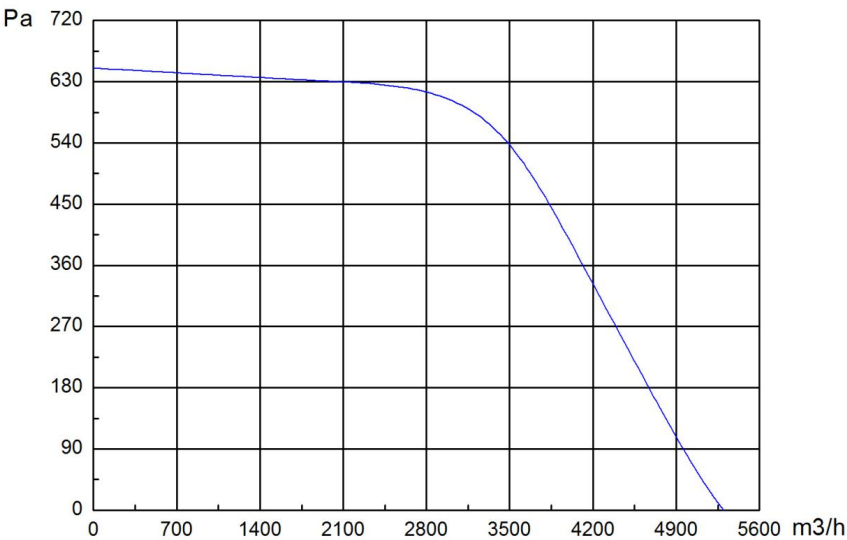
■ Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G355-102NS-002	Ball	230	200-277	1.5	330	1900	3100	650	77



EC CENTRIFUGAL FAN

LWBE3G355-137

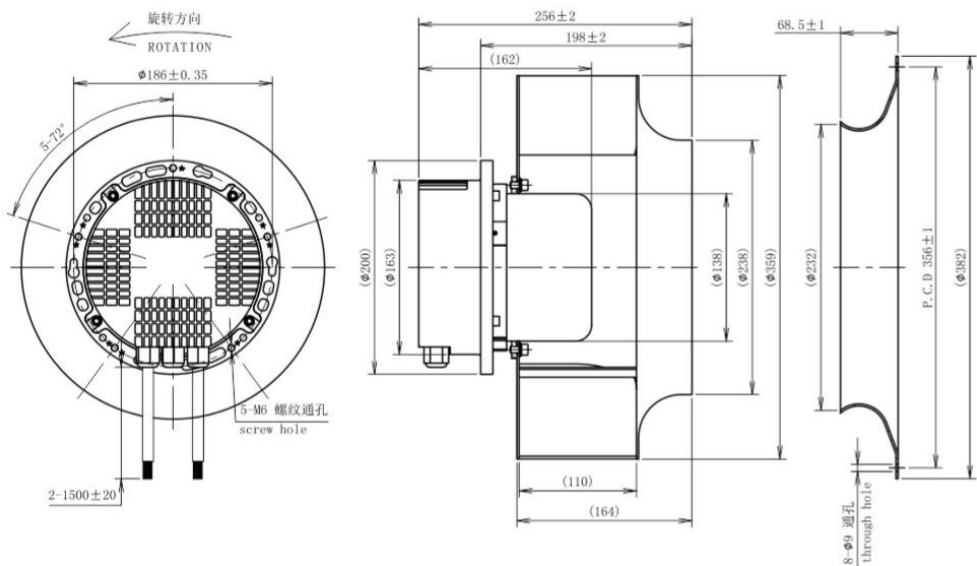


Motor Type : BLEC Motor
Impeller Material : Aluminum Alloy
Protection Class : IP44
Insulation Class : F
Certification : CE/ETL/CCC
Operation Temperature : - 25 °C ~ +60 °C

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

Technical Specification

Model	Bearing Type	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Speed	Air Flow	Air Pressure	Noise
	B/S	V	V	A	W	RPM	m³/h	Pa	dBA
LWBE3G355-137NS-004	Ball	3~380	/	1.63	990	2100	5300	650	79



EC Backward curved Centrifugal Fans

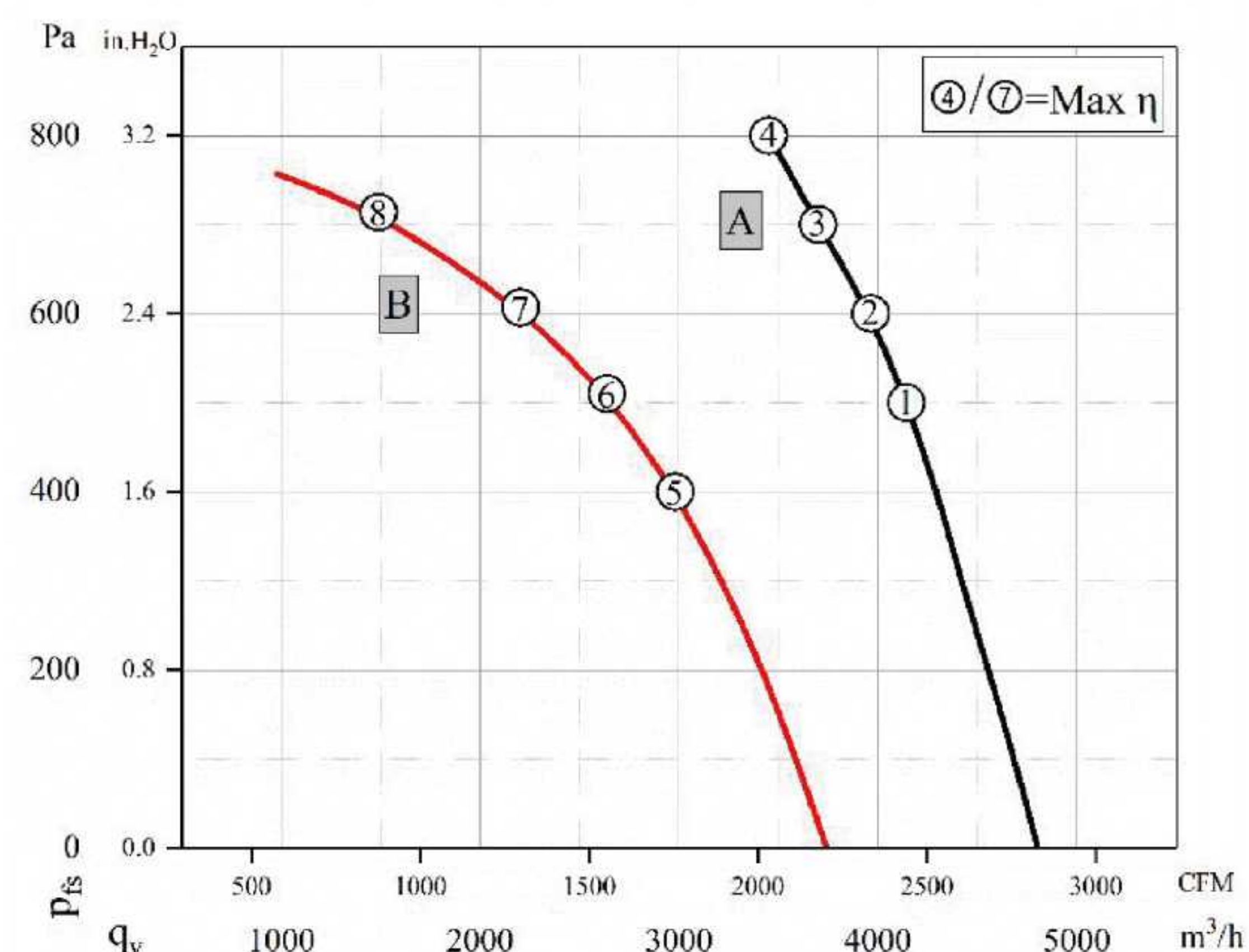


Product Characteristic

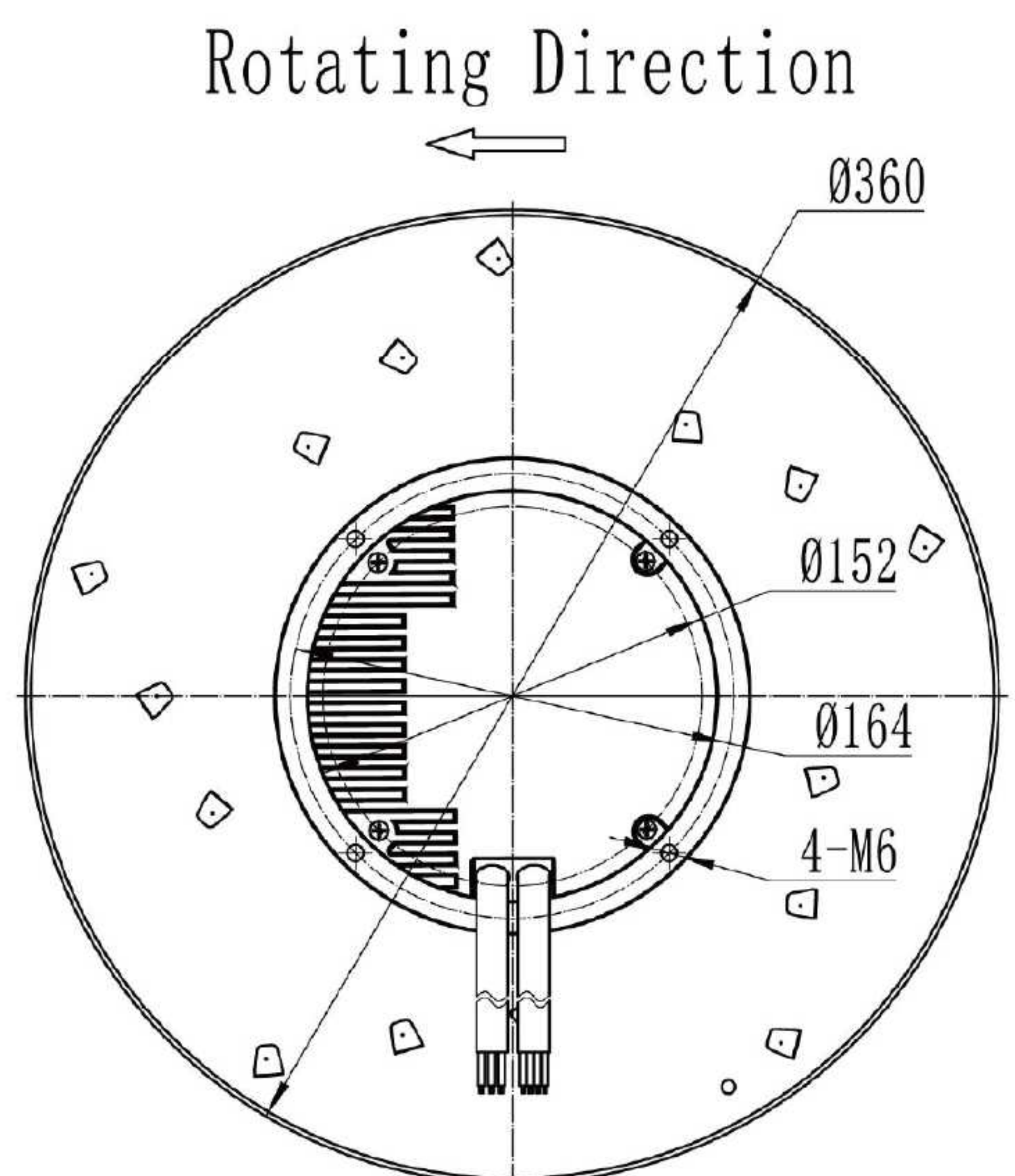
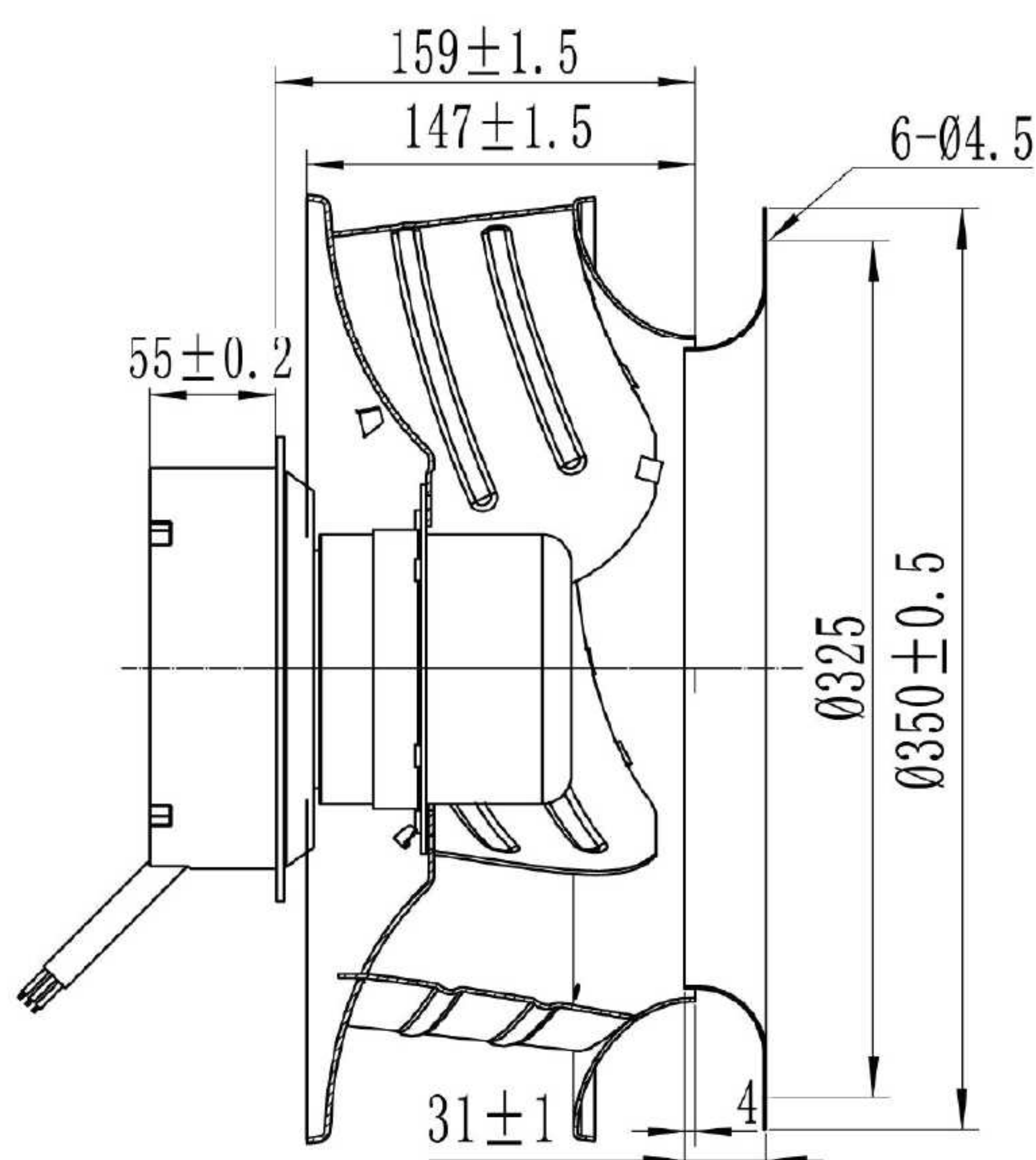
Ø355

- Impeller material : Aluminum alloy 5052
- Direction of rotation: Clockwise, seen on rotor
- Technical feature: Control input 0-10VDC/PWM
- Type of protection: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Approval: CCC, CE, UL
- Amb.Temp: -25~+60 °C

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Curve	Voltage	Frequency	Pst	Air Volume	Speed	Power	Noise
LWBE3G355-137NS-005	A	3~380V	50/60Hz	0Pa	4800m³/h	2700RPM	975W	/
LWBE3G355-137NS-006	B	1~230V	50/60Hz	0Pa	3740m³/h	2150RPM	498W	/

EC Backward curved Centrifugal Fans

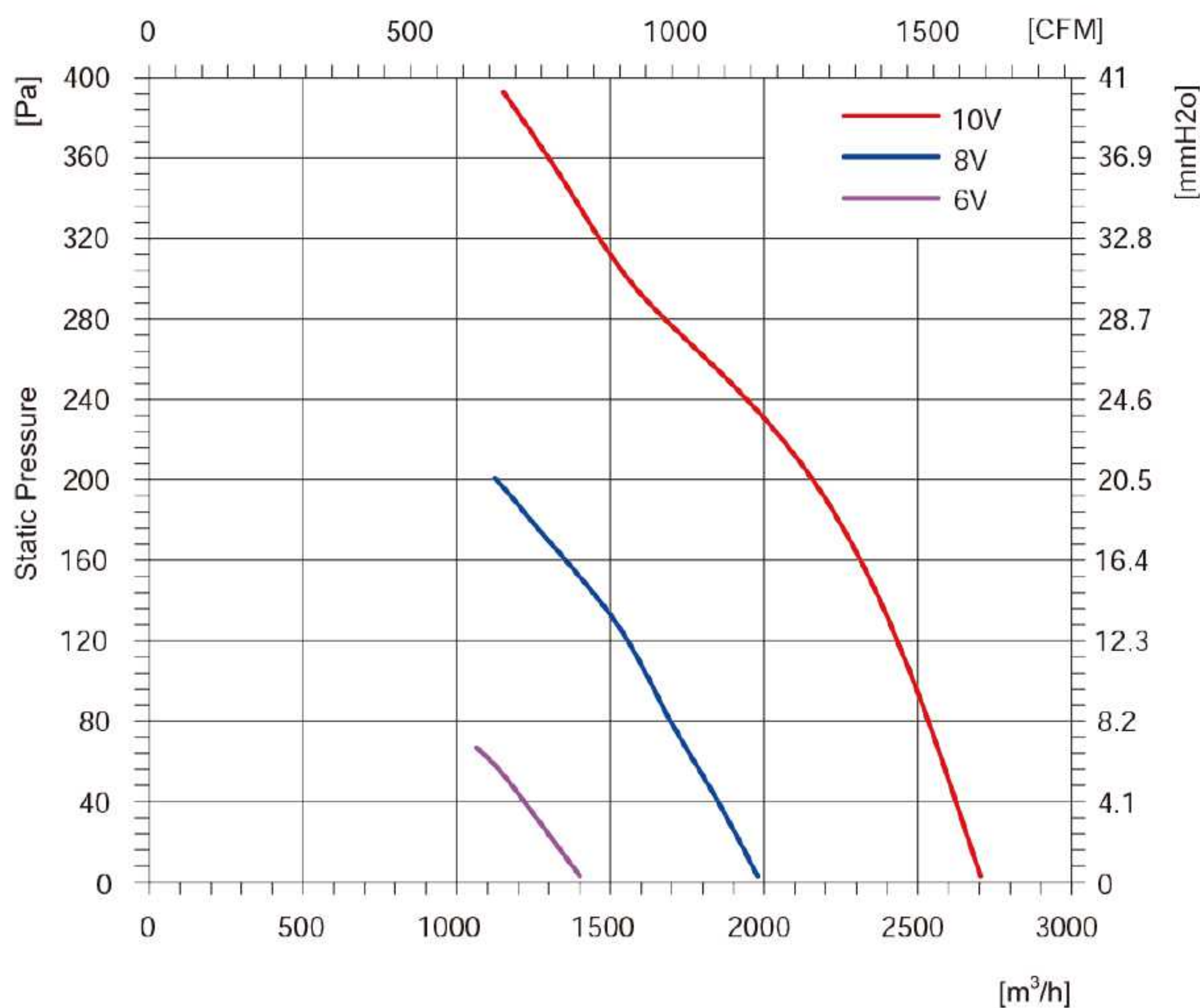
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 1~,200-277V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

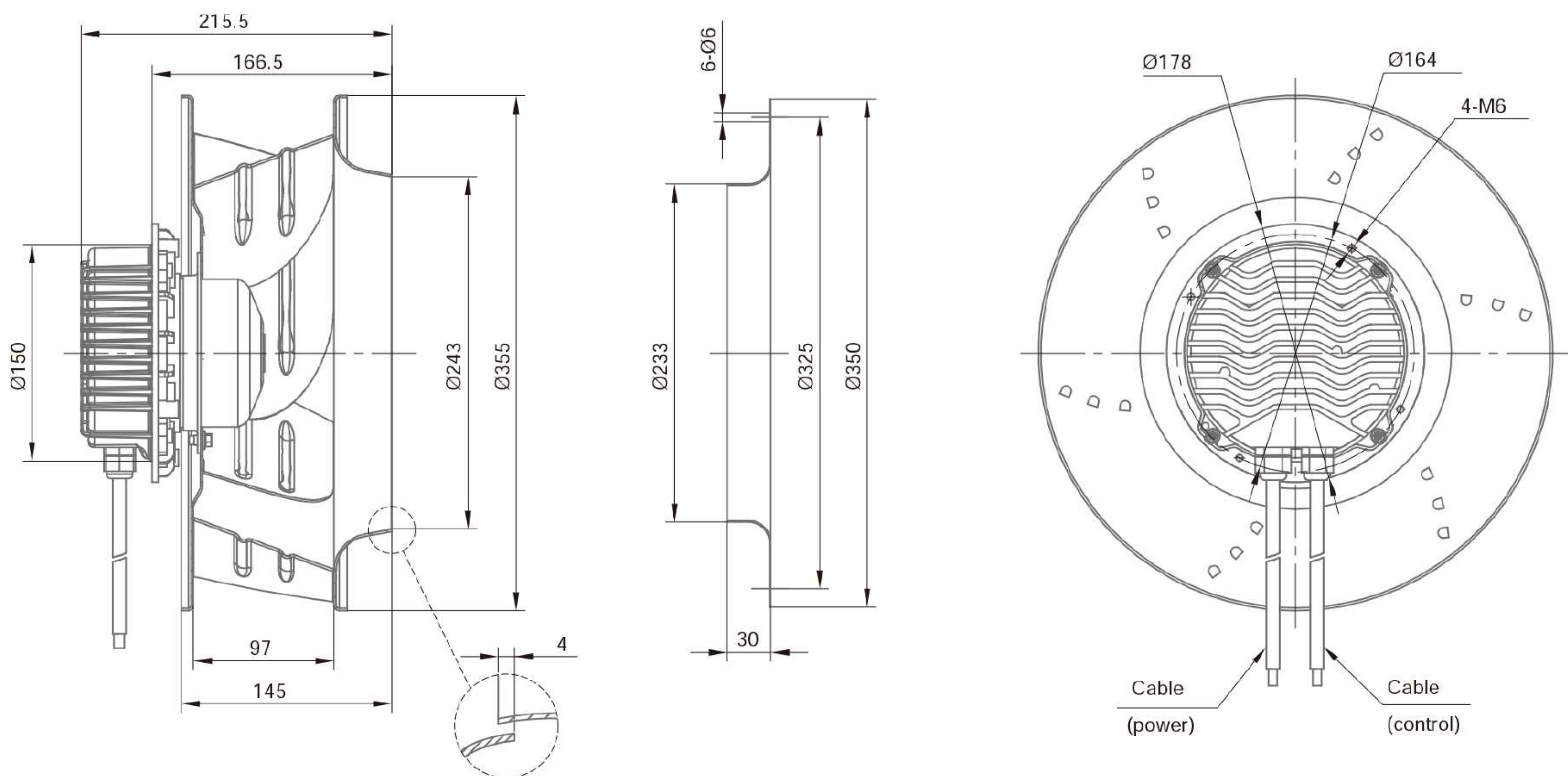
Ø355



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G355-102NS-007	230V	50/60Hz	270W	2.30A	2700m³/h	1550RPM	70dB(A)	5.5kg

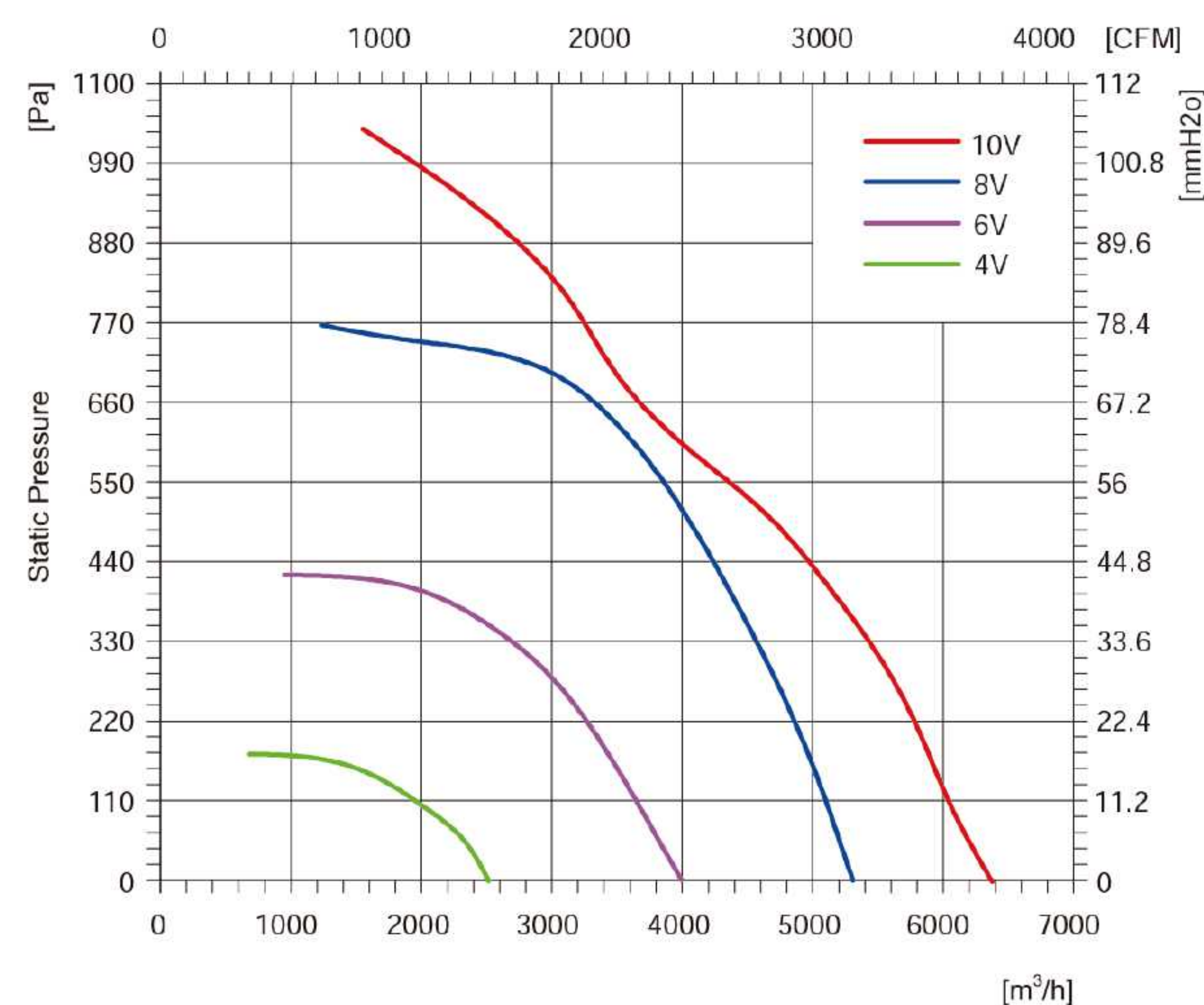
EC Backward curved Centrifugal Fans



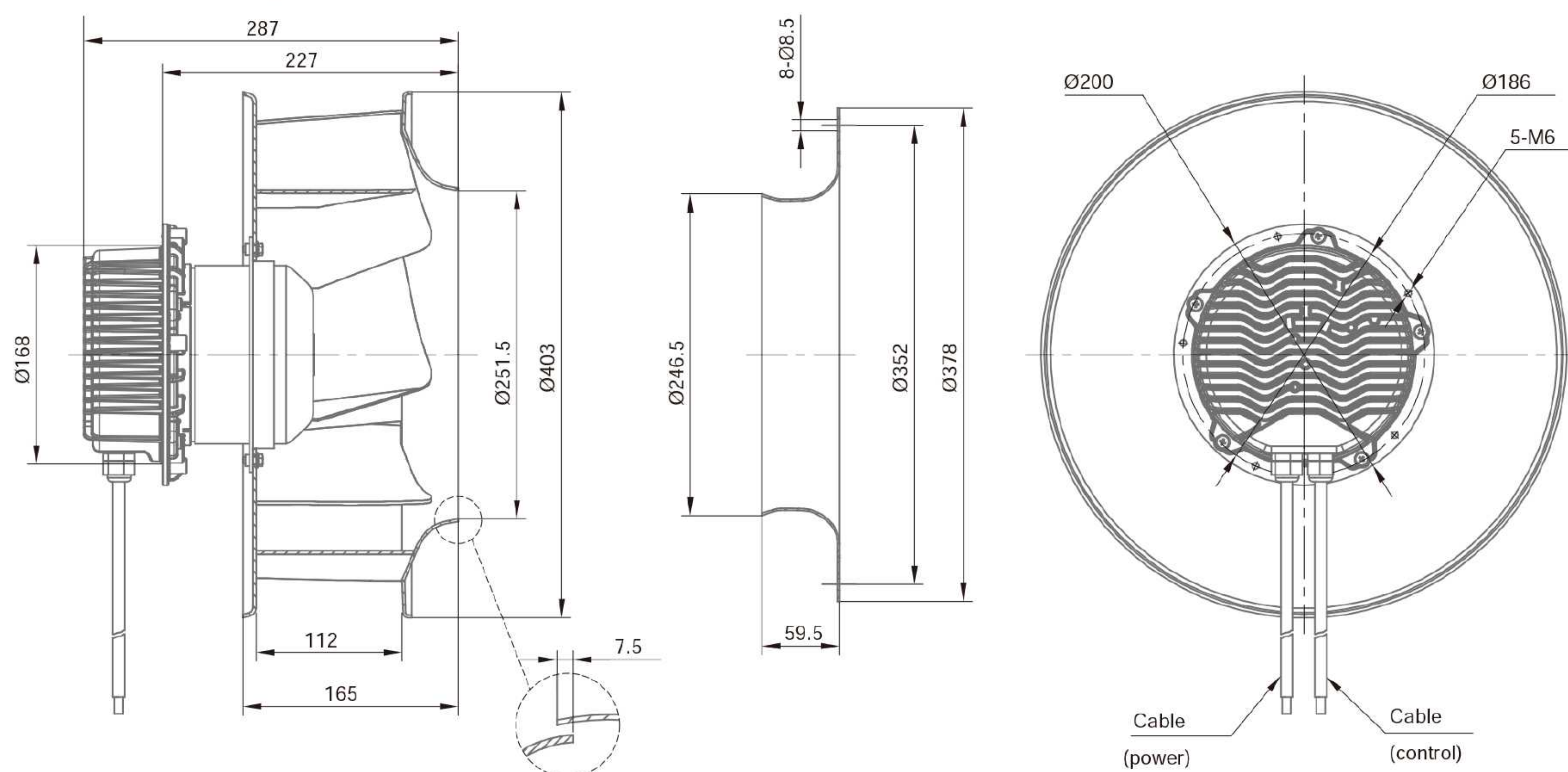
Product Characteristic

Ø355

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G355-137NT-008	400V	50/60Hz	1100W	1.80A	6360m³/h	2200RPM	73dB(A)	12.5kg

EC Backward curved Centrifugal Fans

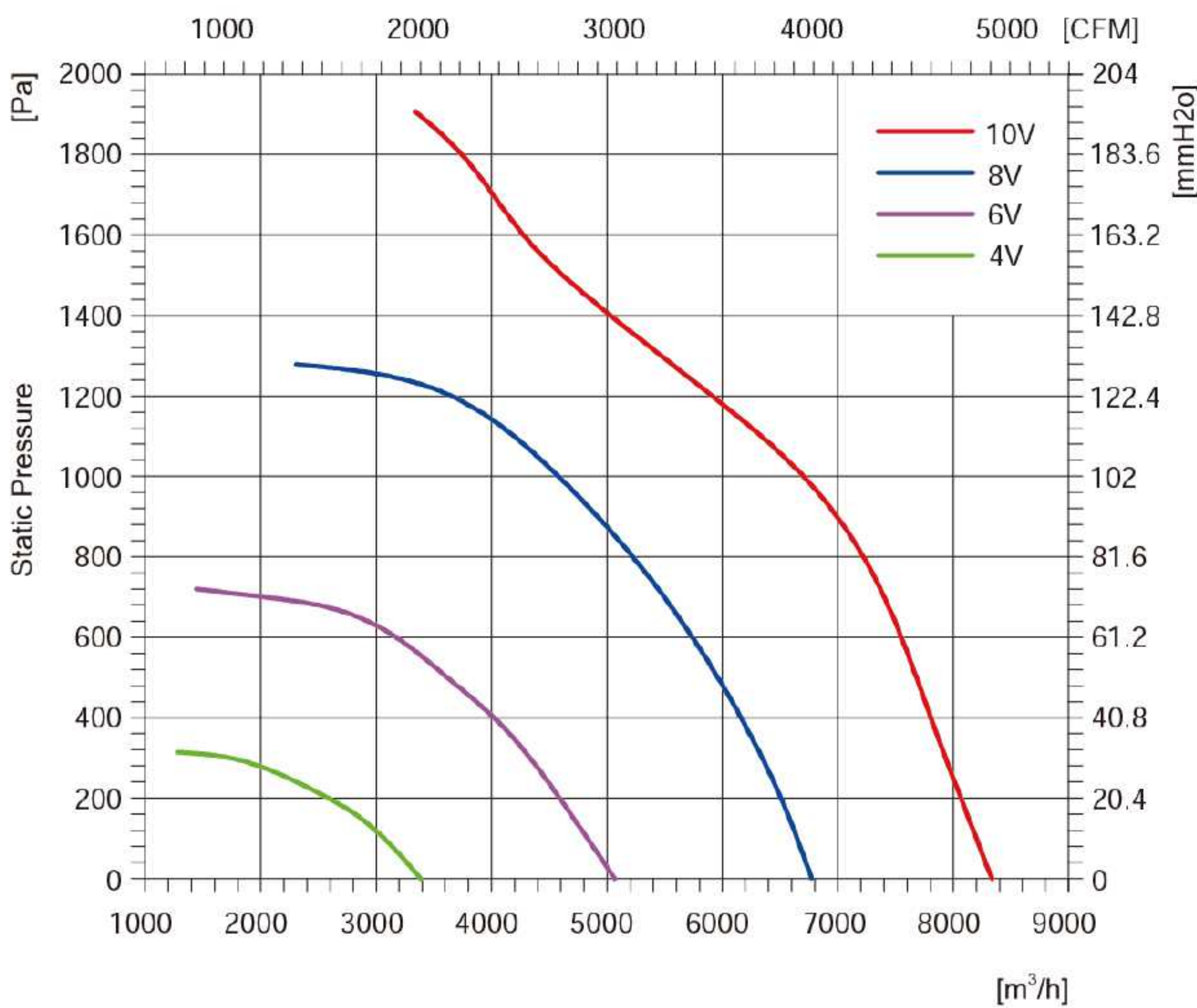
Product Characteristic

- Motor technology : EC Outer rotor
- Supply voltage: 3~,380-480V,50/60Hz
- Mode of operation: S1
- Protection class: IP 54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Impeller material: Sheet aluminium
- Rotation: C.C.W,seen on the leads
- Perm.amb.temp.: -25~+50 °C
- Controller integrated,0-10V or PWM control

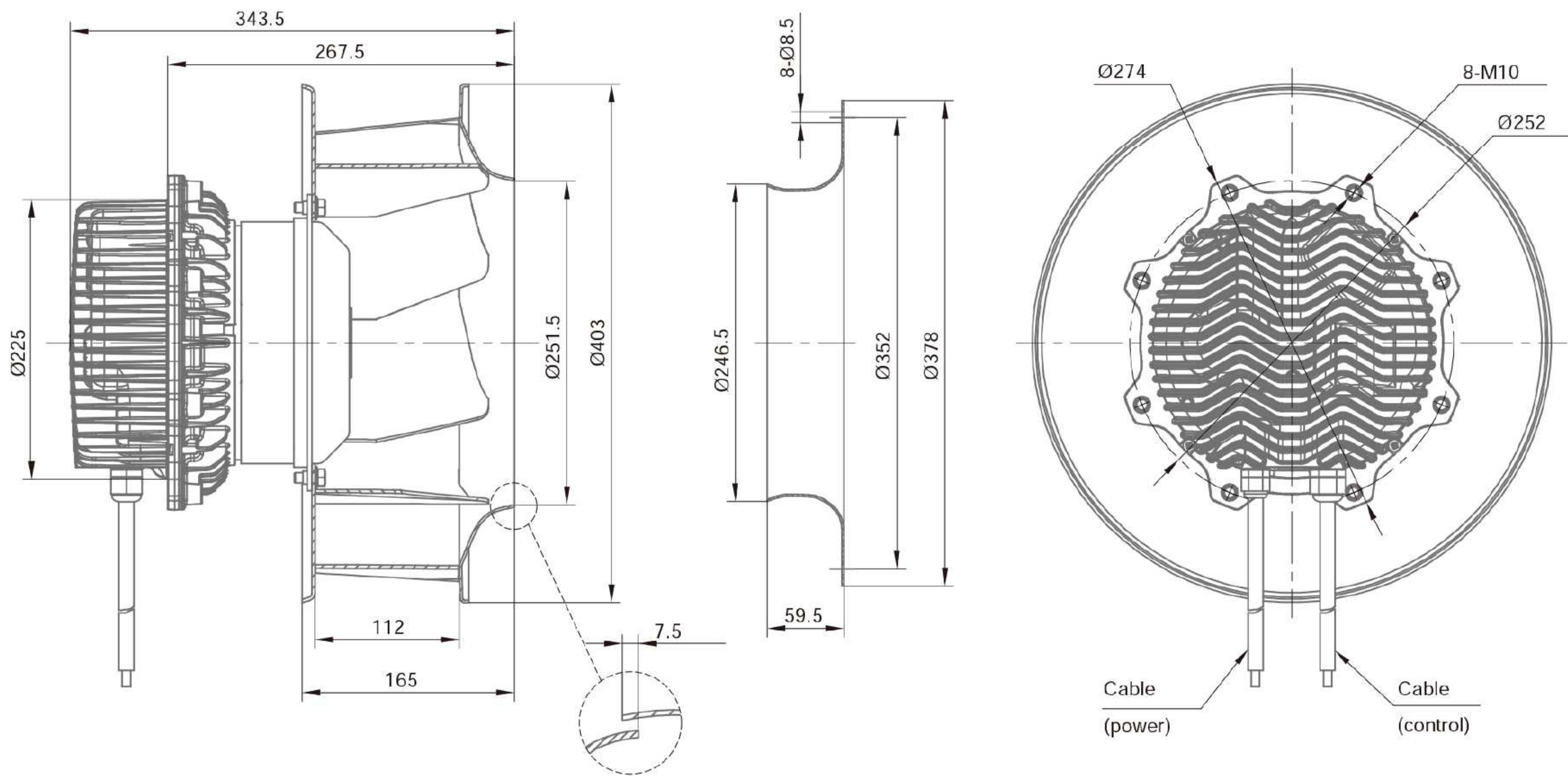
Ø355



Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G355-180NT-009	400V	50/60Hz	3250W	5.10A	8350m³/h	3200RPM	86dB(A)	17.0kg

EC Backward curved Centrifugal Fans

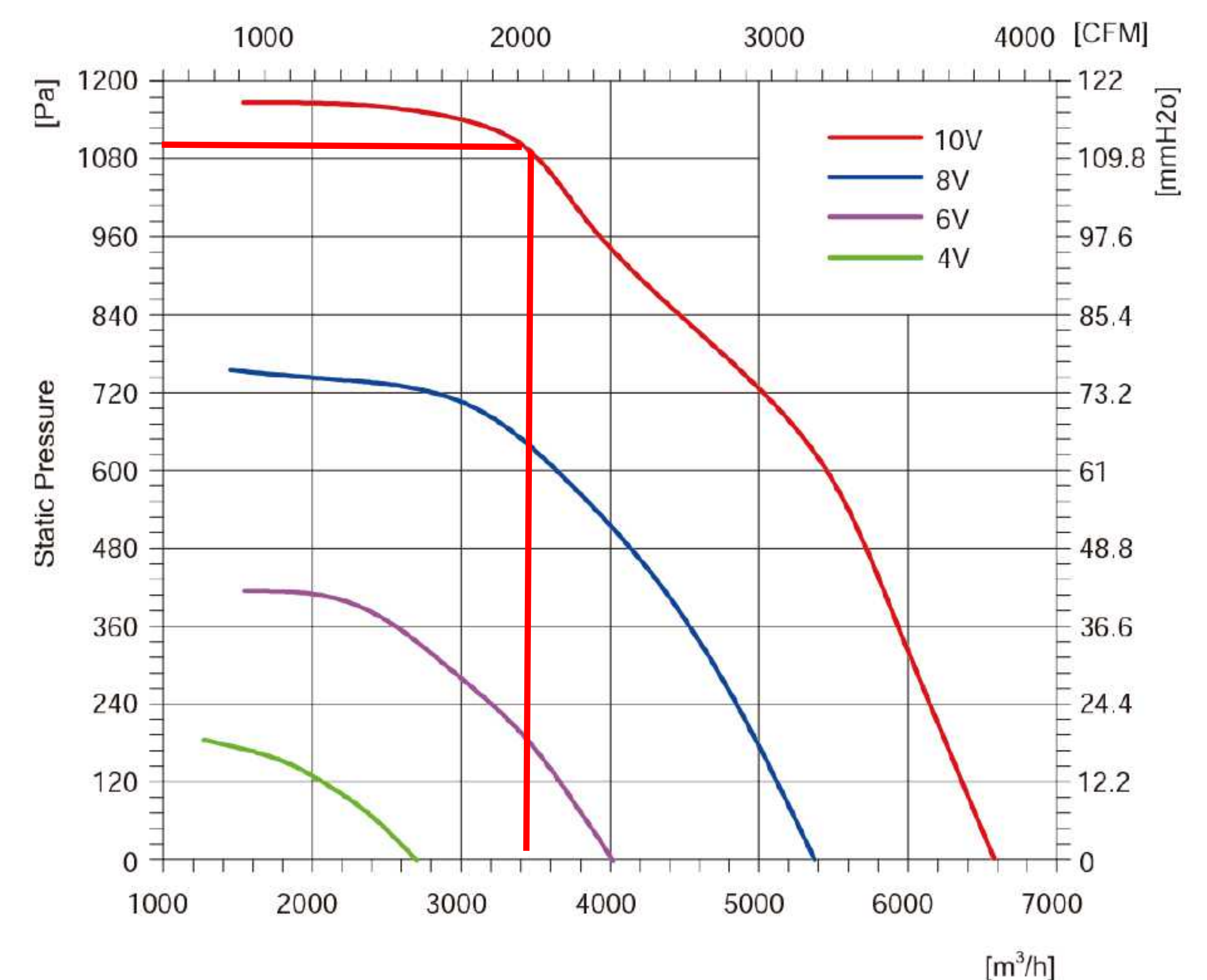


Product Characteristic

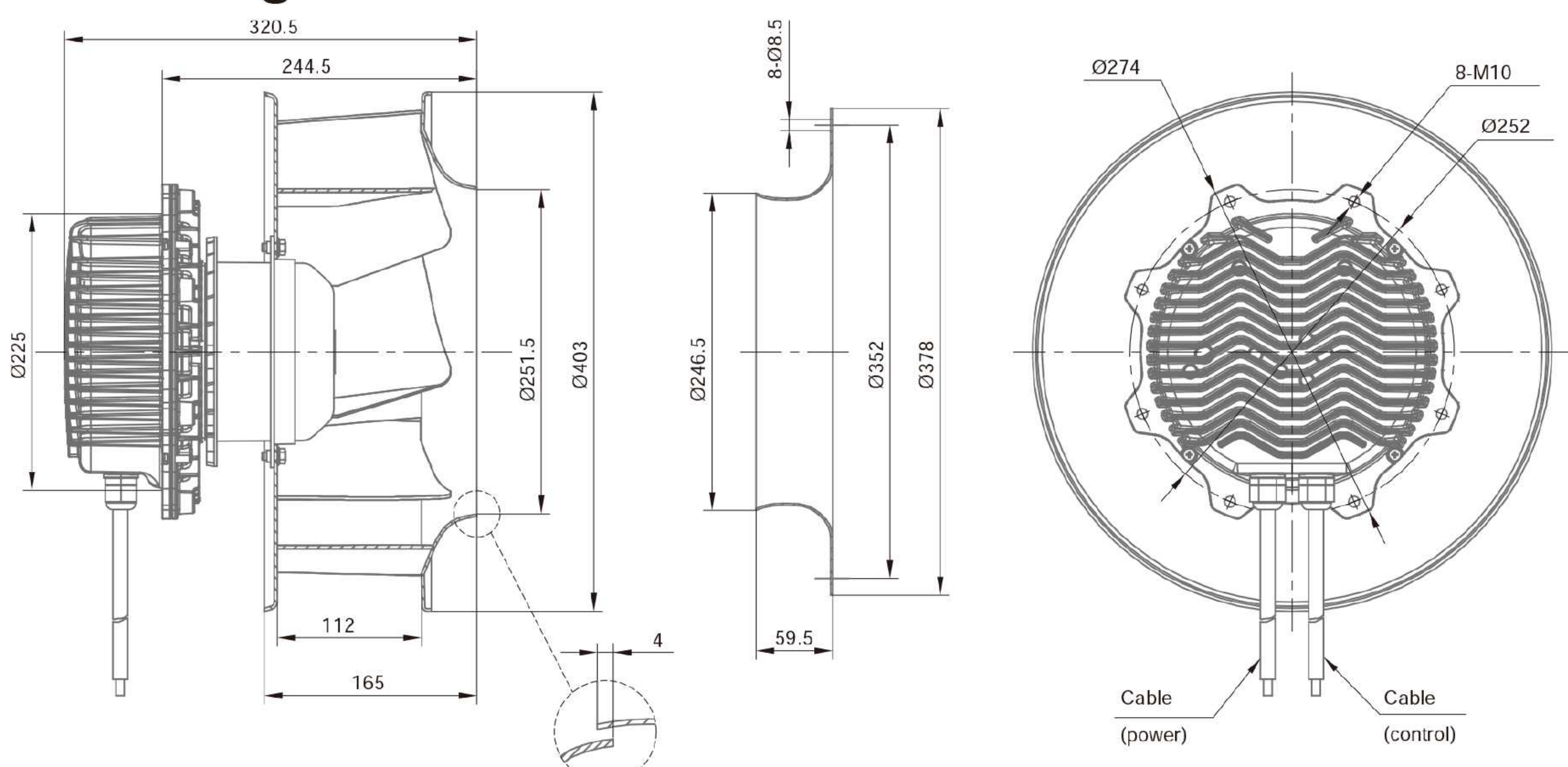
Ø 355

- | | |
|--------------------------|--------------------------------|
| • Motor technology : | EC Outer rotor |
| • Supply voltage: | 3~,380-480V,50/60Hz |
| • Mode of operation: | S1 |
| • Protection class: | IP 54 |
| • Insulation class: | F |
| • Bearing: | Maintenance-free ball bearings |
| • Impeller material: | Sheet aluminium |
| • Rotation: | C.C.W,seen on the leads |
| • Perm.amb.temp.: | -25~+50℃ |
| • Controller integrated, | 0-10V or PWM control |

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Input Power	Current	Air Volume	Speed	Noise	Weight
LWBE3G355-180NT-010	400V	50/60Hz	1700W	2.70A	6600m³/h	2530RPM	75dB(A)	13.0kg

EC Backward Curved Centrifugal fans

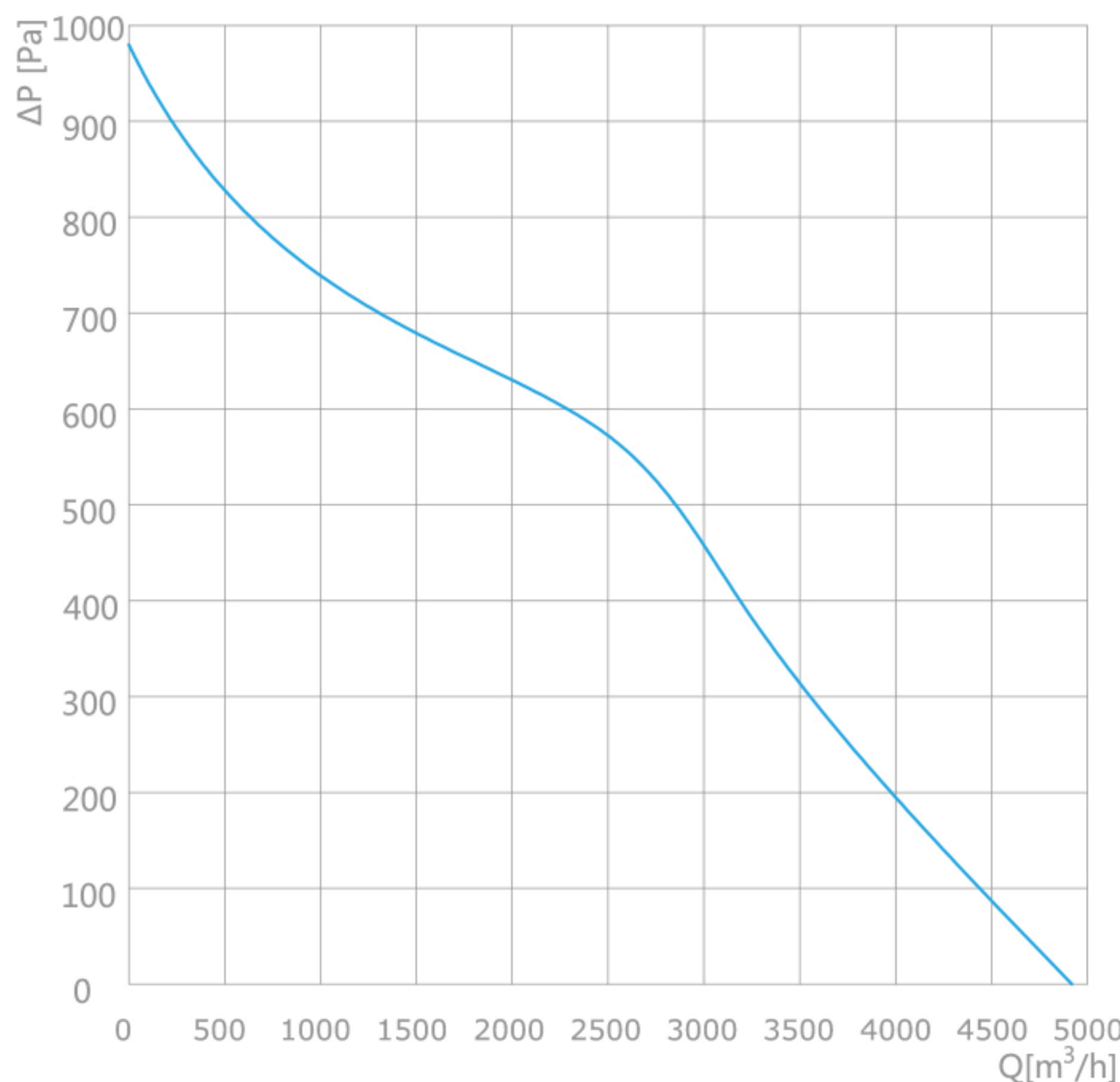


Product Characteristic

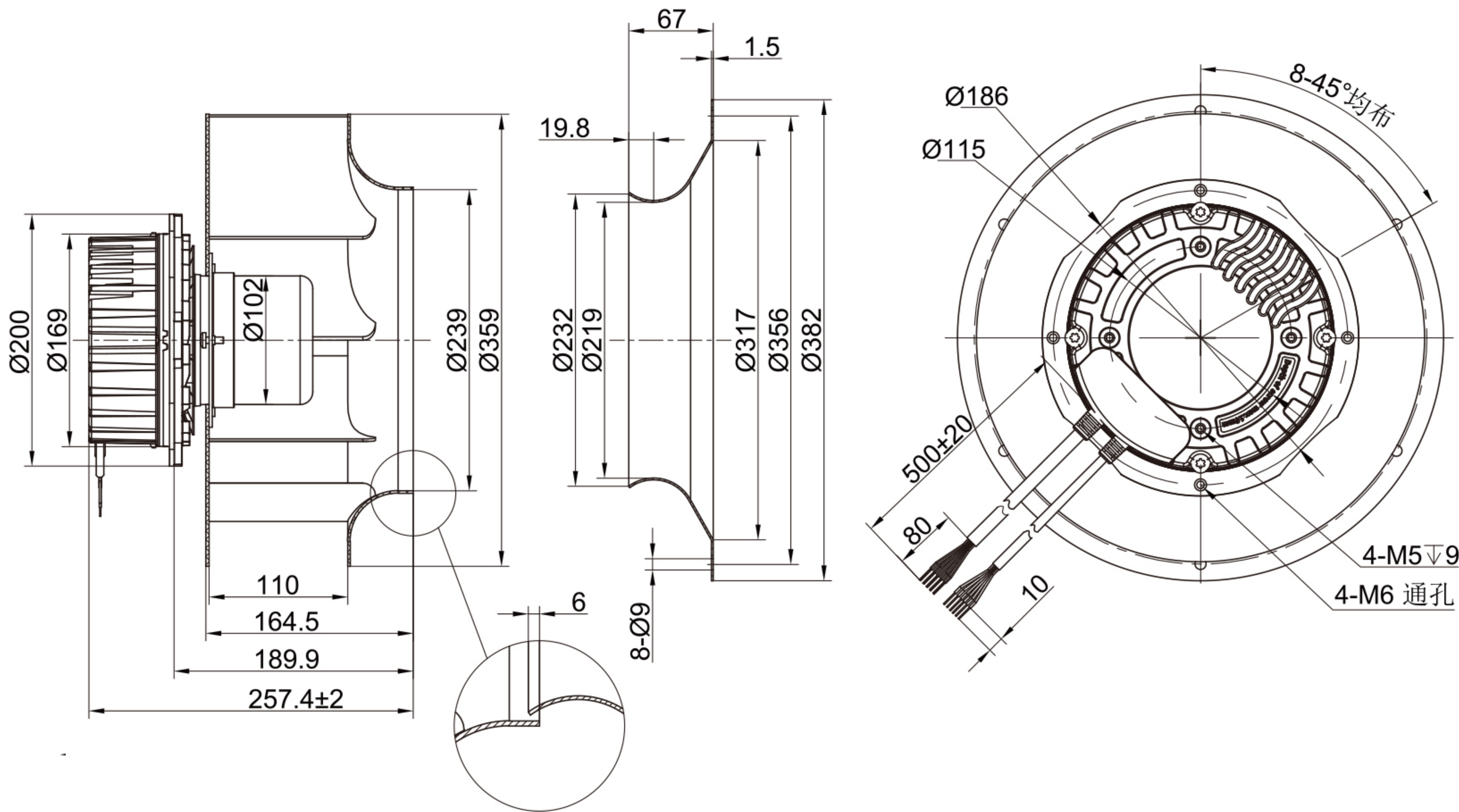
Ø355

- Speed Control: 0~10V DC/PWM
- Impeller Material: Aluminum alloy
- Rotation Direction: CW clockwise (viewed from rotor end)
- Protective Class: IP55
- Insulation Class: B
- Motor Operation Mode: Continuous working system (S1)
- Bearing: Ball bearing
- Motor protection: Thermal protection, soft start protection, locked rotor protection

Flow Rate Curve



Product Drawing



Technical Specifications

Model	Voltage	Frequency	Speed	Power	Current	Noise	Perm.amb.temp.
LWBE3G355-102NS-011	230V	50/60Hz	2200RPM	700W	3.1A	81dB(A)	-25℃~+60℃