

# EC fans

product overview





EC Backward Curved Centrifugal Fans.....	03
EC Backward Curved Centrifugal Fans + .....	69
EC Single Inlet Forward Curved Centrifugal Fans.....	109
EC Dual Inlet Forward Curved Centrifugal Fans.....	132
EC Axial Fans .....	154
Electrical Connections .....	212





## EC Backward Curved Centrifugal Fans

# Model No. B3P133-EC072-030

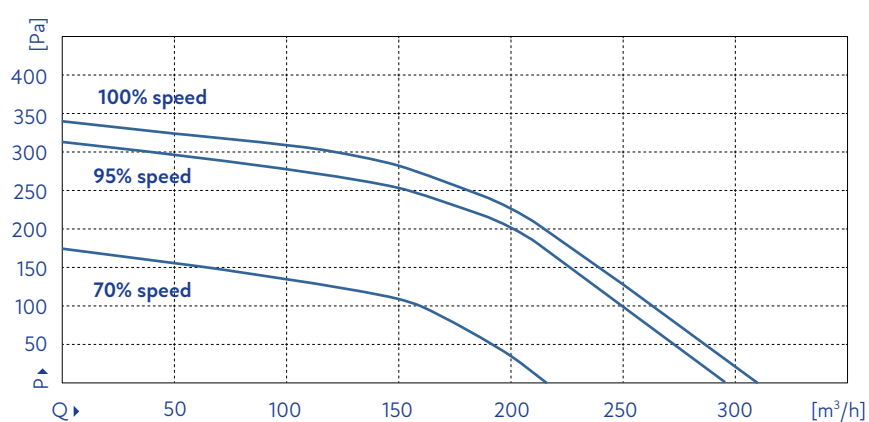
EC Backward Curved Centrifugal Fan



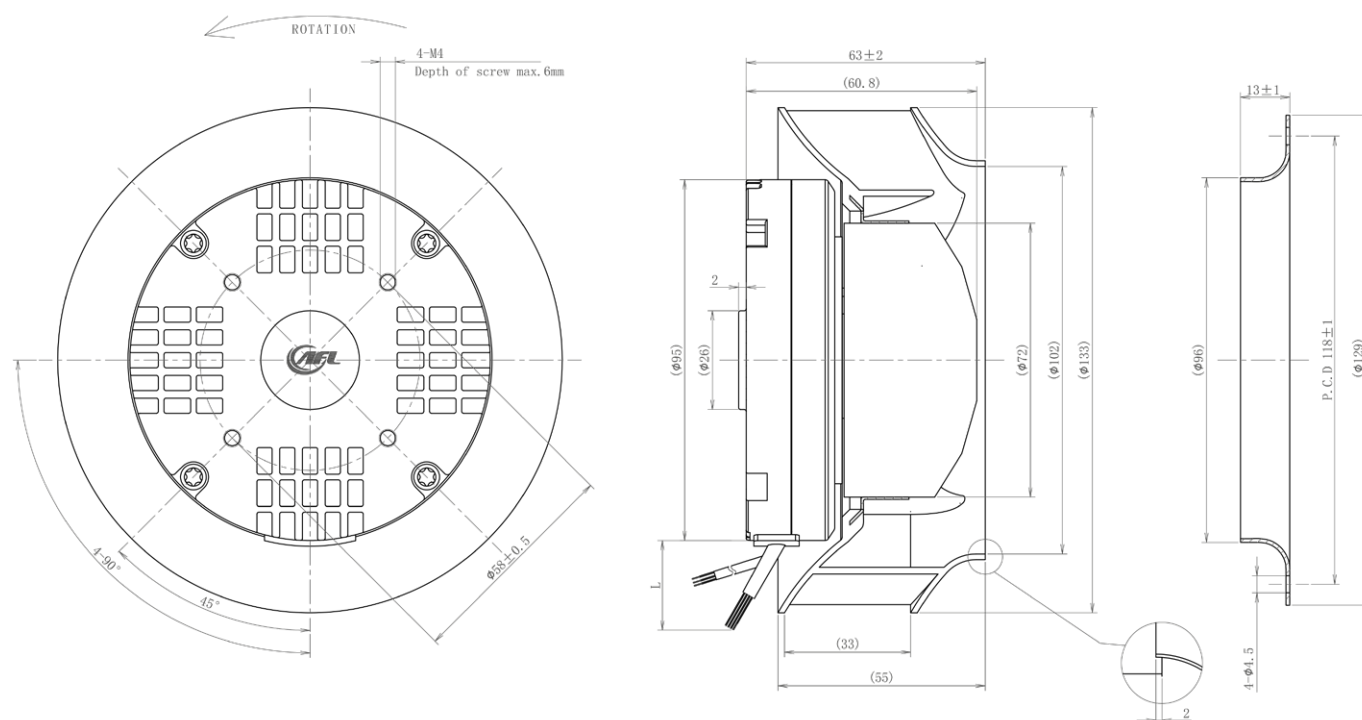
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.28 A
Power input	37 W
Speed	4050 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	62 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P133-EC072-028

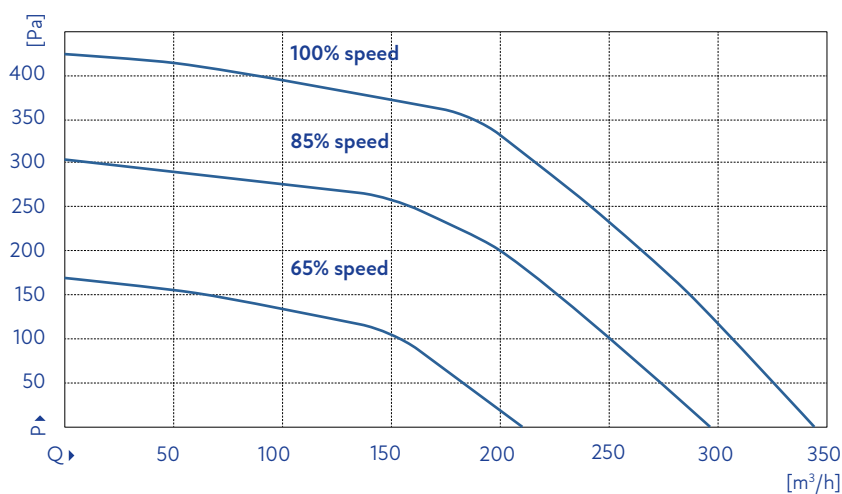
EC Backward Curved Centrifugal Fan



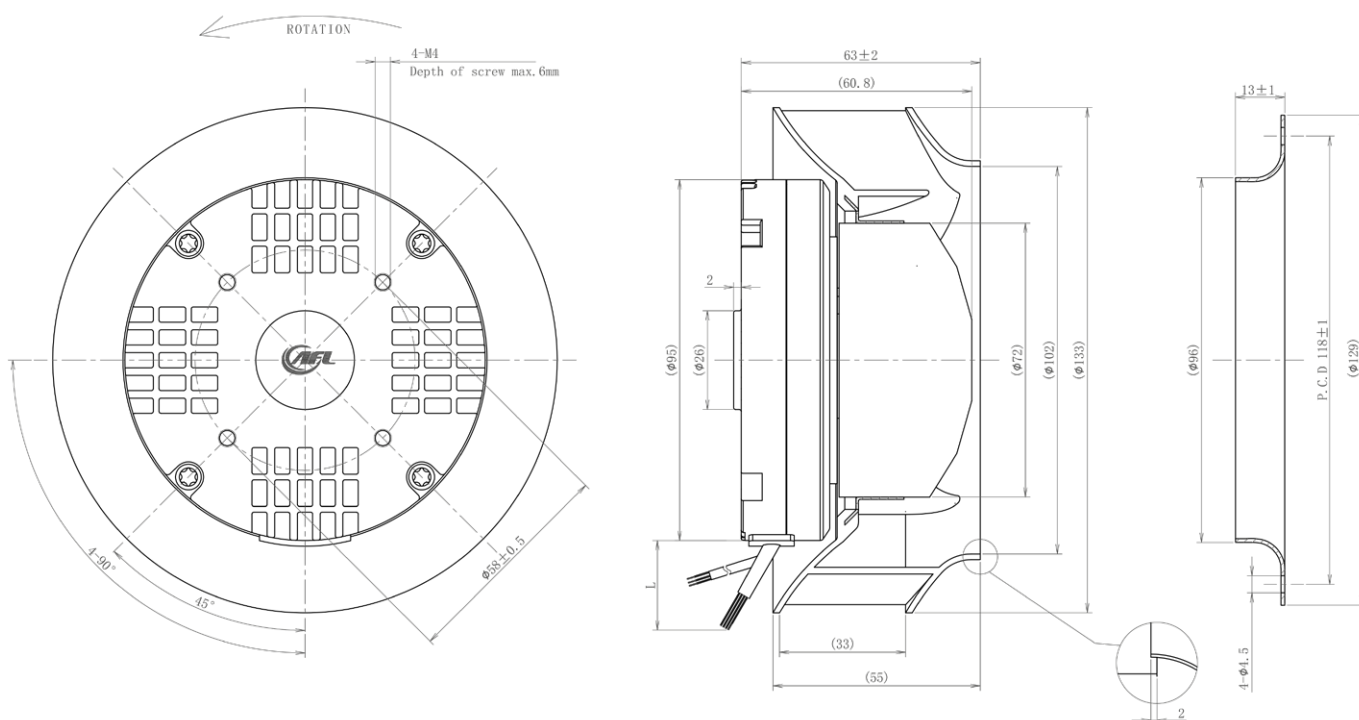
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.4 A
Power input	55 W
Speed	4500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	64 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

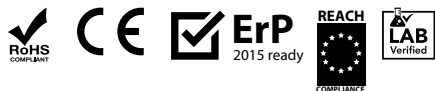


## Product drawing



# Model No. B3P133-EC072-100

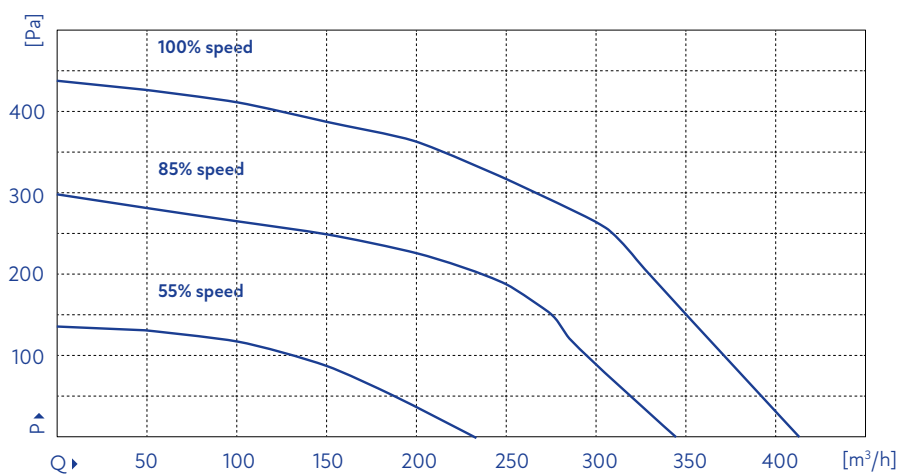
EC Backward Curved Centrifugal Fan



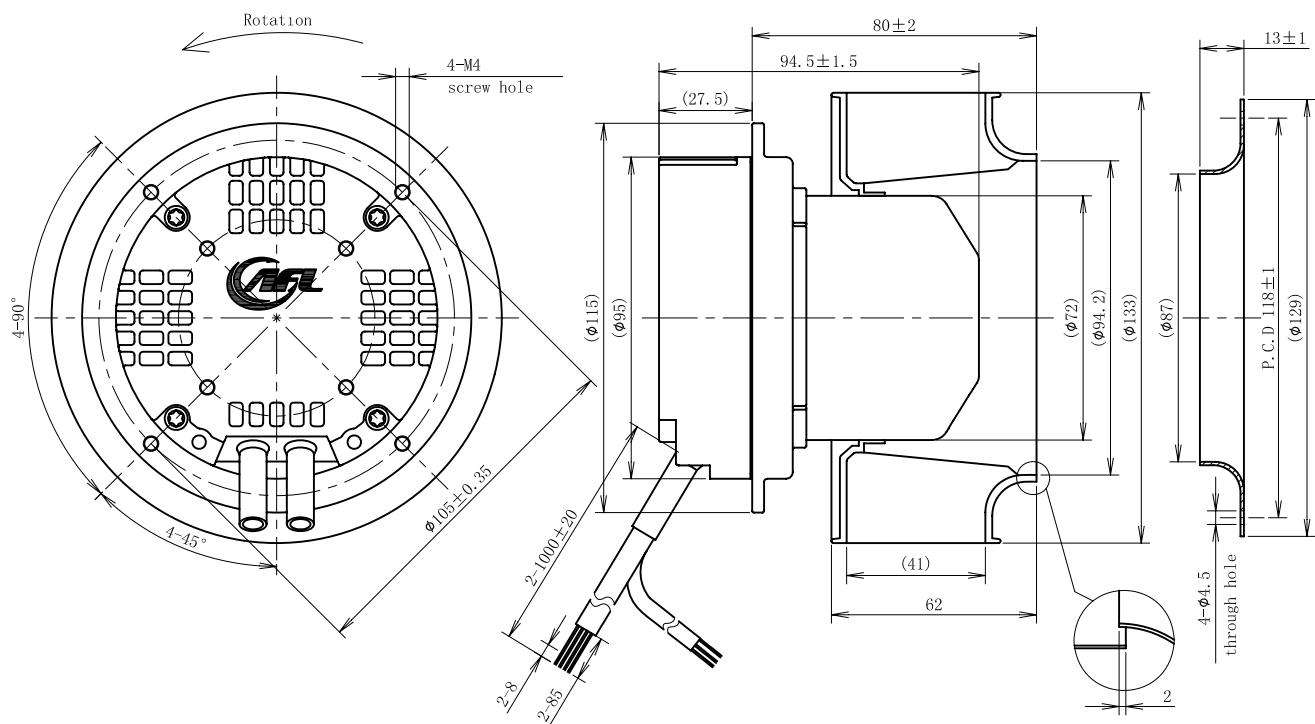
## Technical data



Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.32 A
Power input	45 W
Speed	4500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66


## Air performance



## Product drawing






■ Air performance

Flow Rate $Q$ [m³/h]	Pressure Drop $\Delta p$ [Pa] at 100% speed	Pressure Drop $\Delta p$ [Pa] at 85% speed	Pressure Drop $\Delta p$ [Pa] at 70% speed
0	350	240	165
100	320	210	135
200	270	150	75
300	170	40	0
400	0	-	-

Technical drawing of the AFL 1000-2000 series fire alarm control panel, showing front, side, and detail views with dimensions in mm.

**Front View Dimensions:**

- Overall width: 94.5 ± 1.5
- Overall height: 13 ± 1
- Mounting hole diameter: 4-M4 6mm
- Depth of screw: max. 6mm
- Through hole diameter: 4-M4
- Rotation: 4-90°
- Internal width: 27.5
- Internal height: 67 ± 2
- Internal diameter: (115), (95), (72), (110.6), (155)
- Internal width: (35), (54)
- Internal height: 104.5 ± 1, (102.5), 138 ± 1, 150 ± 1
- Internal diameter: 104.5 ± 1, (102.5), 138 ± 1, 150 ± 1
- Internal width: 2
- Internal height: 4-1.5

**Side View Dimensions:**

- Overall width: 94.5 ± 1.5
- Overall height: 13 ± 1
- Mounting hole diameter: 4-M4 6mm
- Depth of screw: max. 6mm
- Through hole diameter: 4-M4
- Rotation: 4-90°
- Internal width: 27.5
- Internal height: 67 ± 2
- Internal diameter: (115), (95), (72), (110.6), (155)
- Internal width: (35), (54)
- Internal height: 104.5 ± 1, (102.5), 138 ± 1, 150 ± 1
- Internal diameter: 104.5 ± 1, (102.5), 138 ± 1, 150 ± 1
- Internal width: 2
- Internal height: 4-1.5

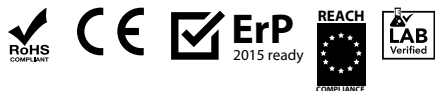
**Detail View Dimensions:**

- Overall width: 94.5 ± 1.5
- Overall height: 13 ± 1
- Mounting hole diameter: 4-M4 6mm
- Depth of screw: max. 6mm
- Through hole diameter: 4-M4
- Rotation: 4-90°
- Internal width: 27.5
- Internal height: 67 ± 2
- Internal diameter: (115), (95), (72), (110.6), (155)
- Internal width: (35), (54)
- Internal height: 104.5 ± 1, (102.5), 138 ± 1, 150 ± 1
- Internal diameter: 104.5 ± 1, (102.5), 138 ± 1, 150 ± 1
- Internal width: 2
- Internal height: 4-1.5



# Model No. B3P175-EC072-100

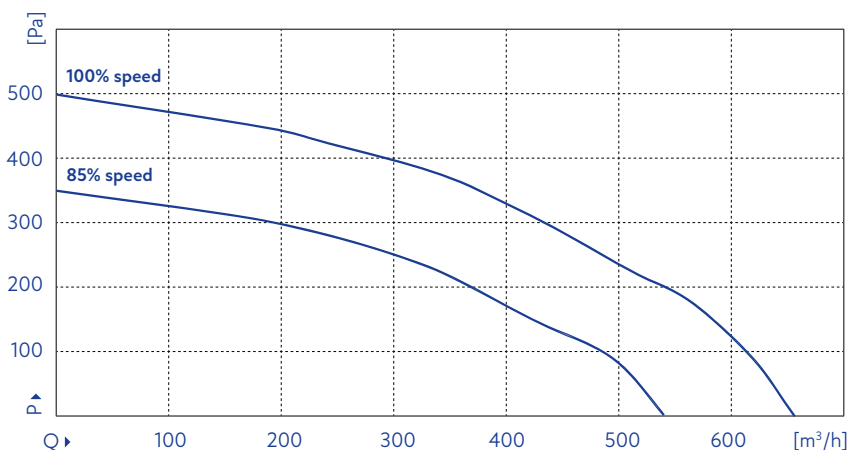
EC Backward Curved Centrifugal Fan



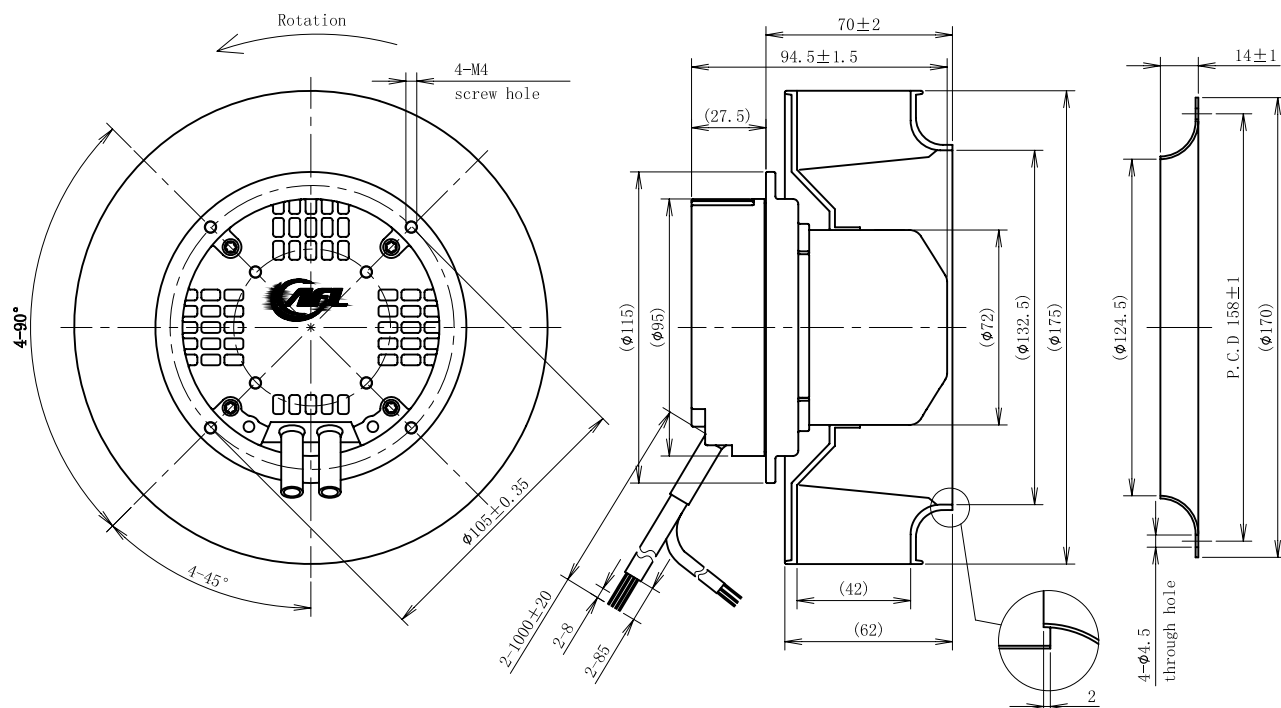
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.65 A
Power input	80 W
Speed	3650 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

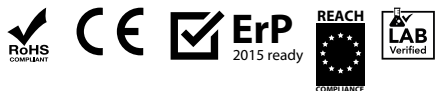


## Product drawing



# Model No. B3P190-EC072-002

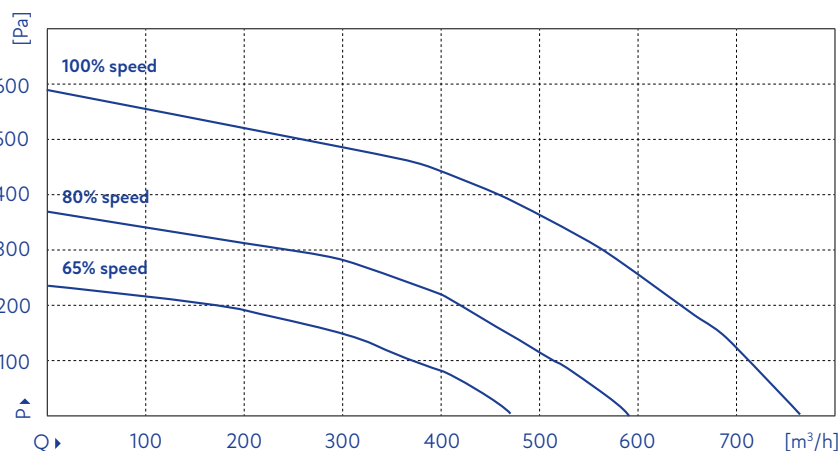
EC Backward Curved Centrifugal Fan



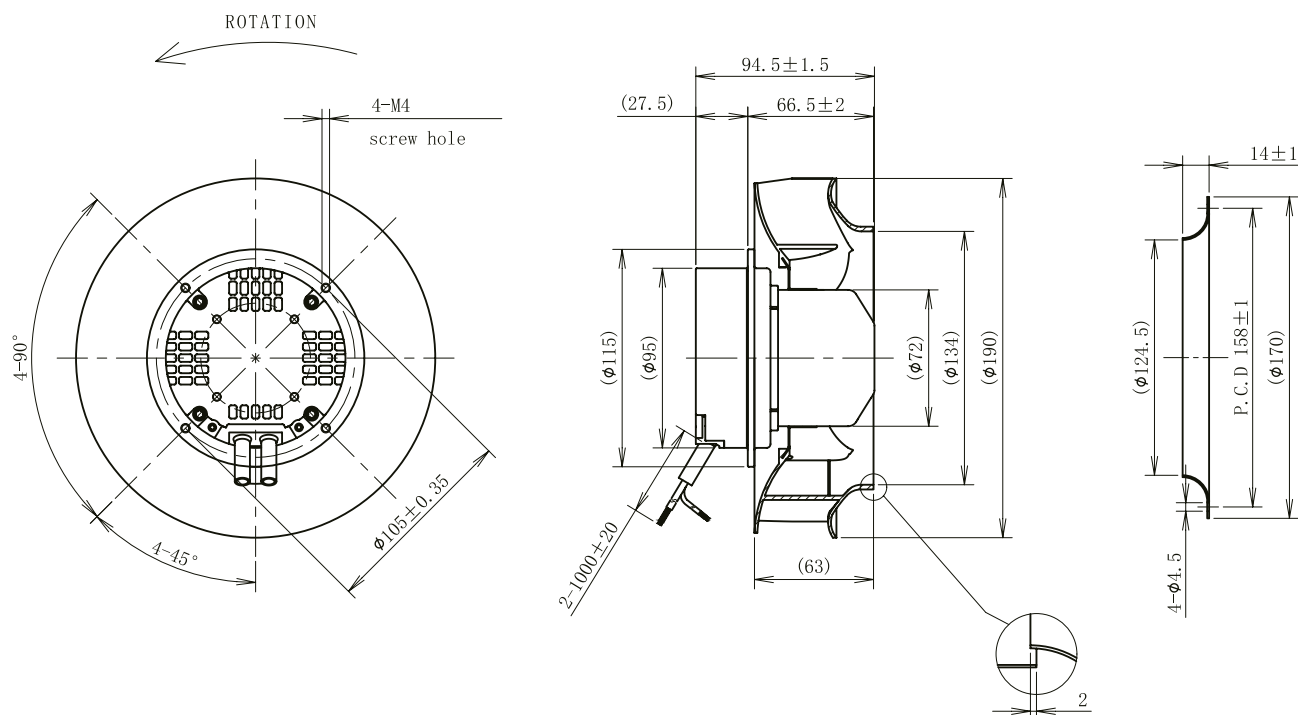
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.73 A
Power input	95 W
Speed	3570 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	78 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P190-EC072-900

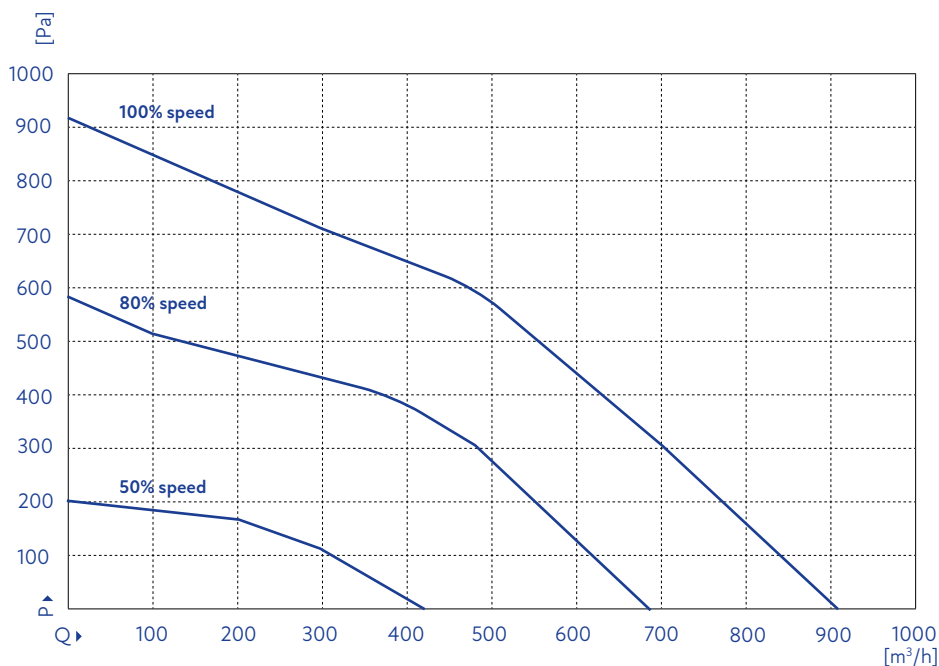
EC Backward Curved Centrifugal Fan



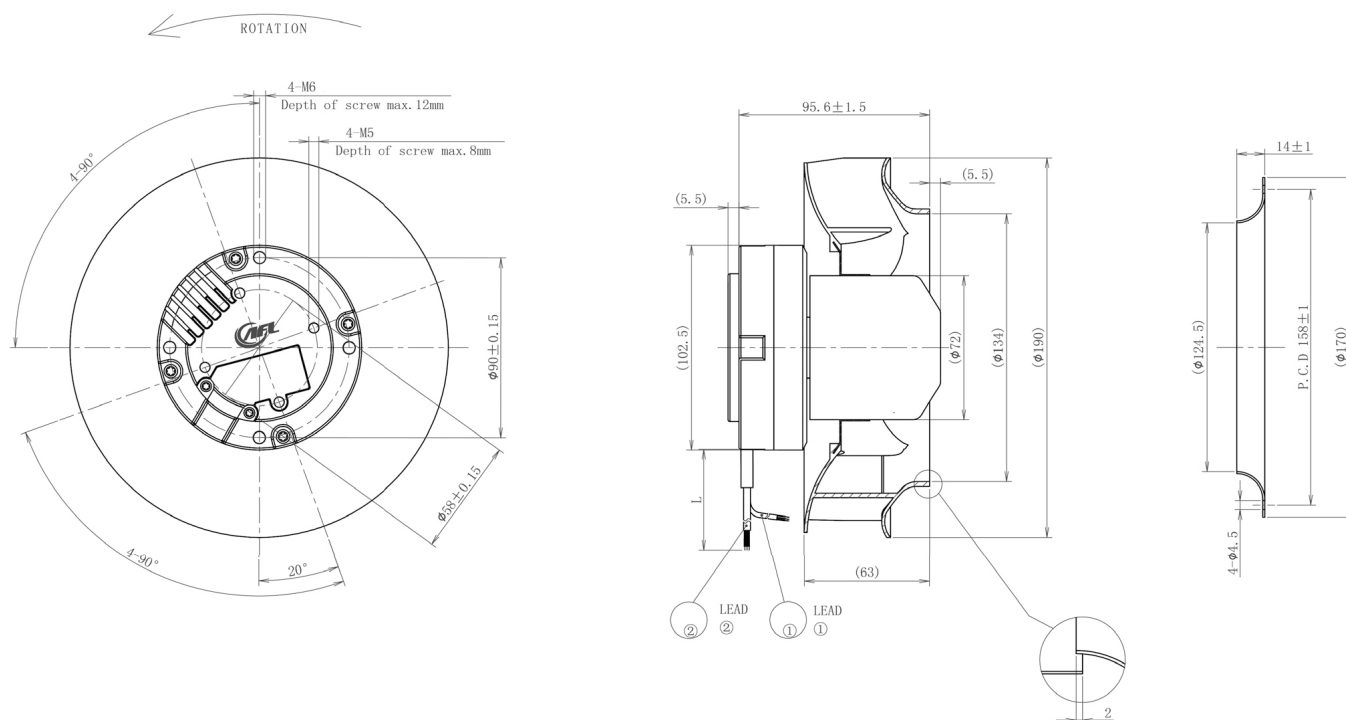
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.24 A
Power input	180 W
Speed	4500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	76 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



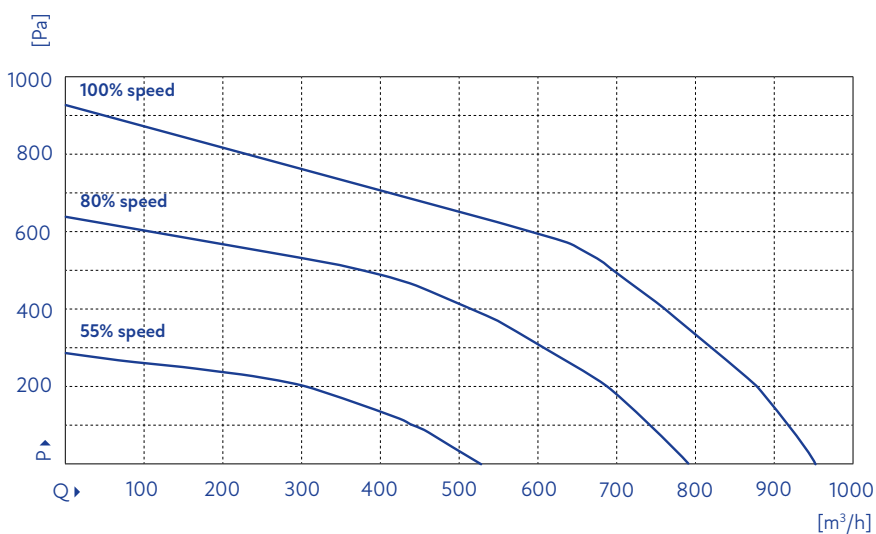
## EC Backward Curved Centrifugal Fan



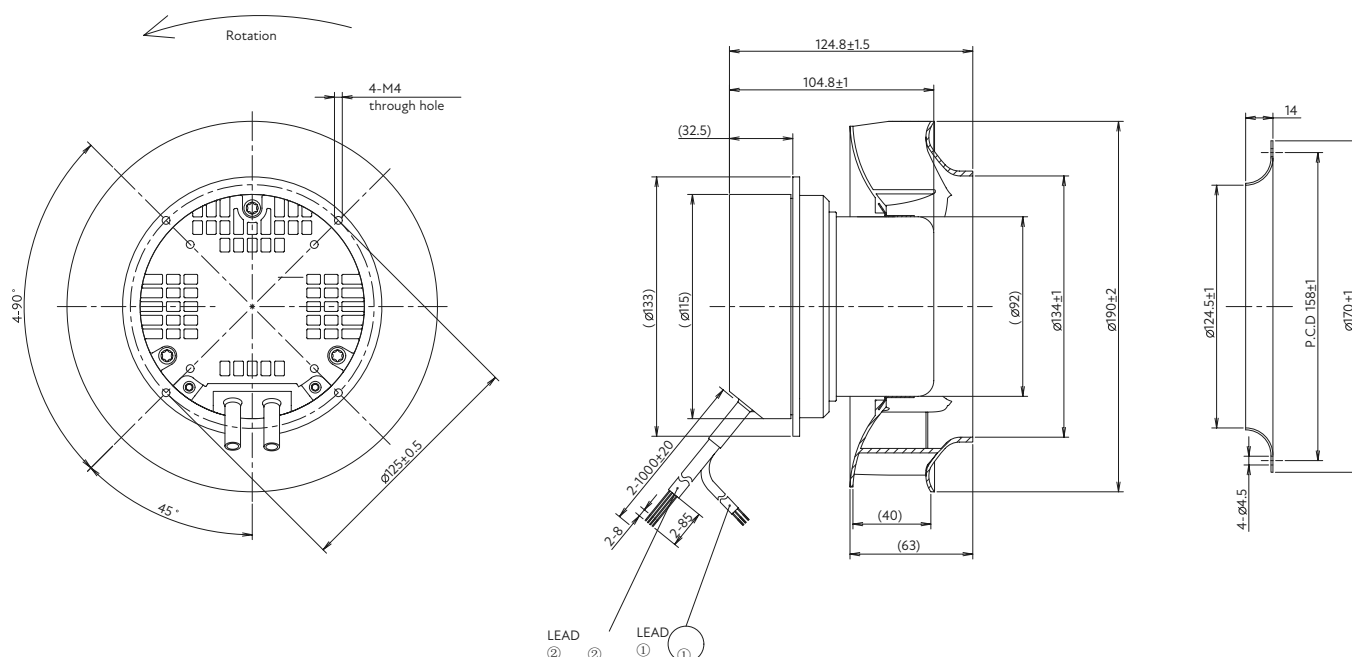
## ■ Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.4 A
<b>Power input</b>	180 W
<b>Speed</b>	4500 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	76 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	PA66

- Air performance



- Product drawing



# Model No. B3P190-EC092-021

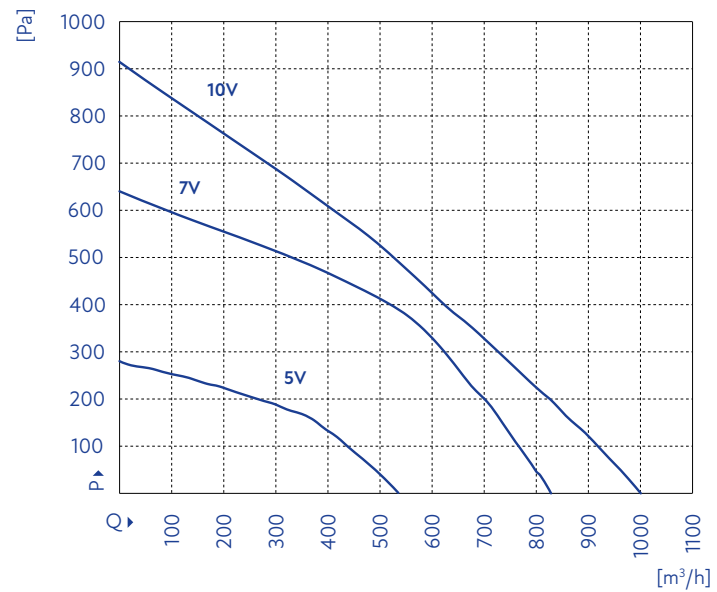
EC Backward Curved Centrifugal Fan



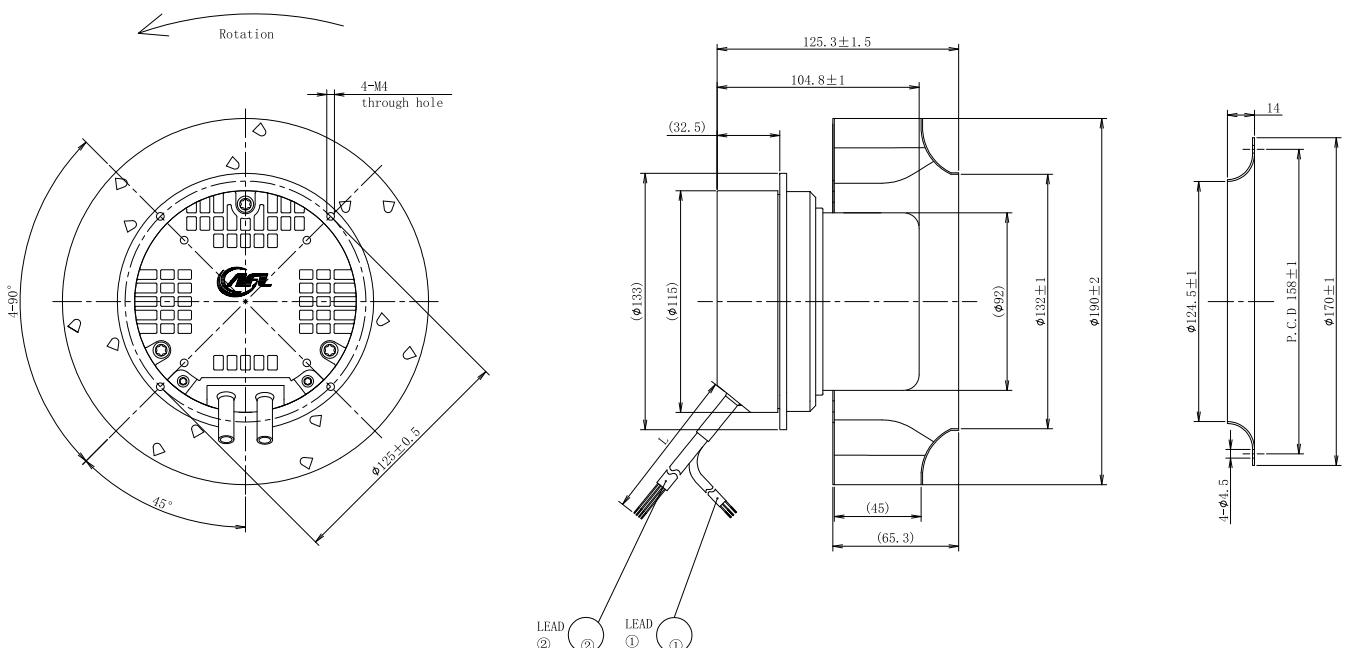
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.4 A
Power input	200 W
Speed	4500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	76 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing





# Model No. B3P220-EC072-100

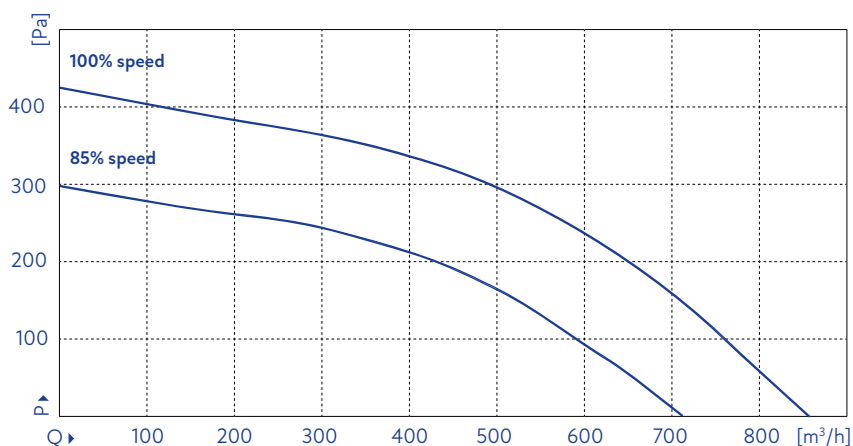
EC Backward Curved Centrifugal Fan



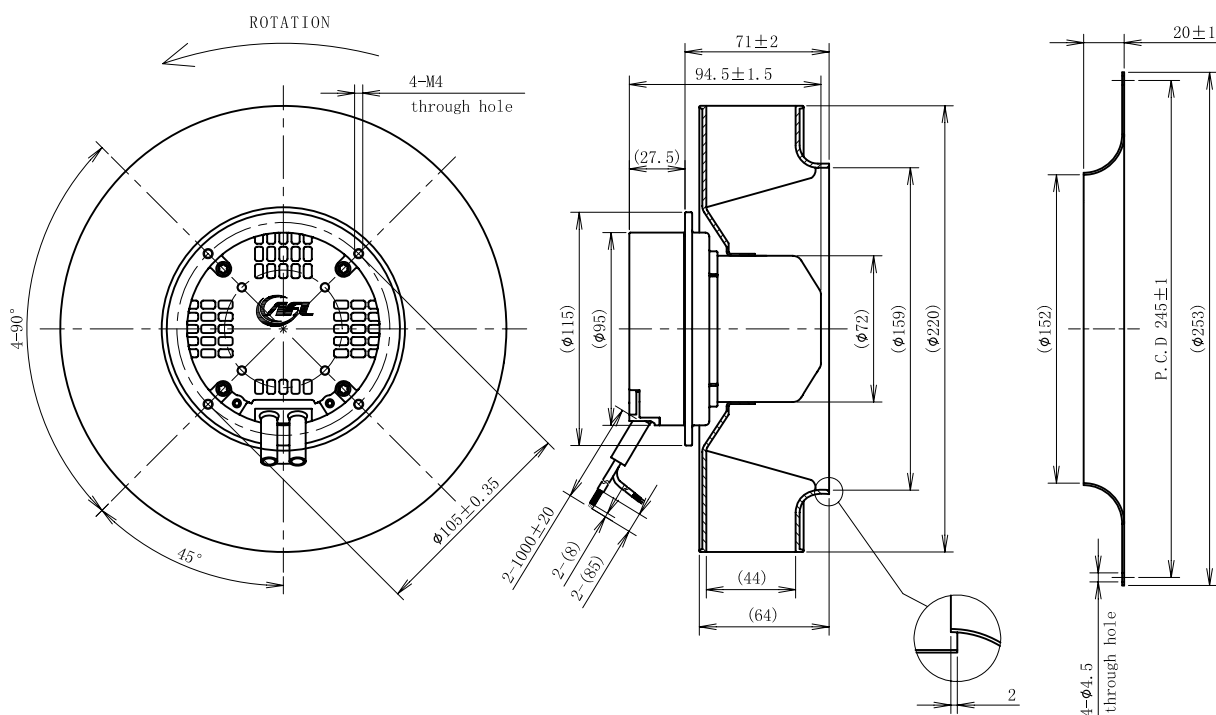
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	75 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P220-EC092-100

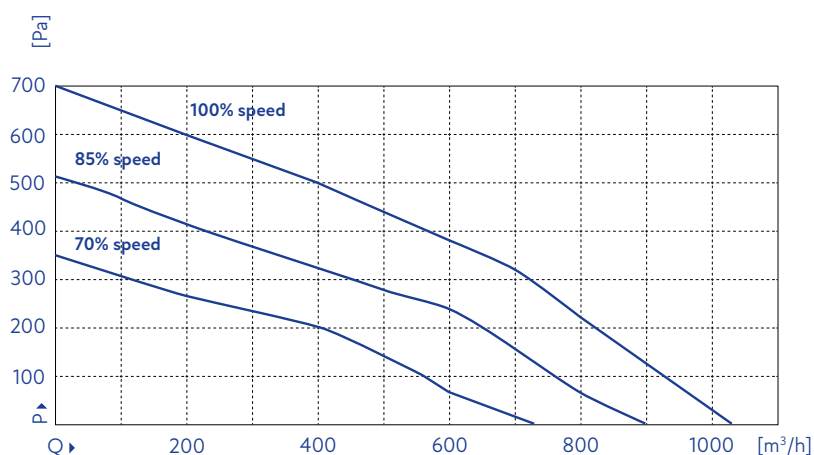
EC Backward Curved Centrifugal Fan



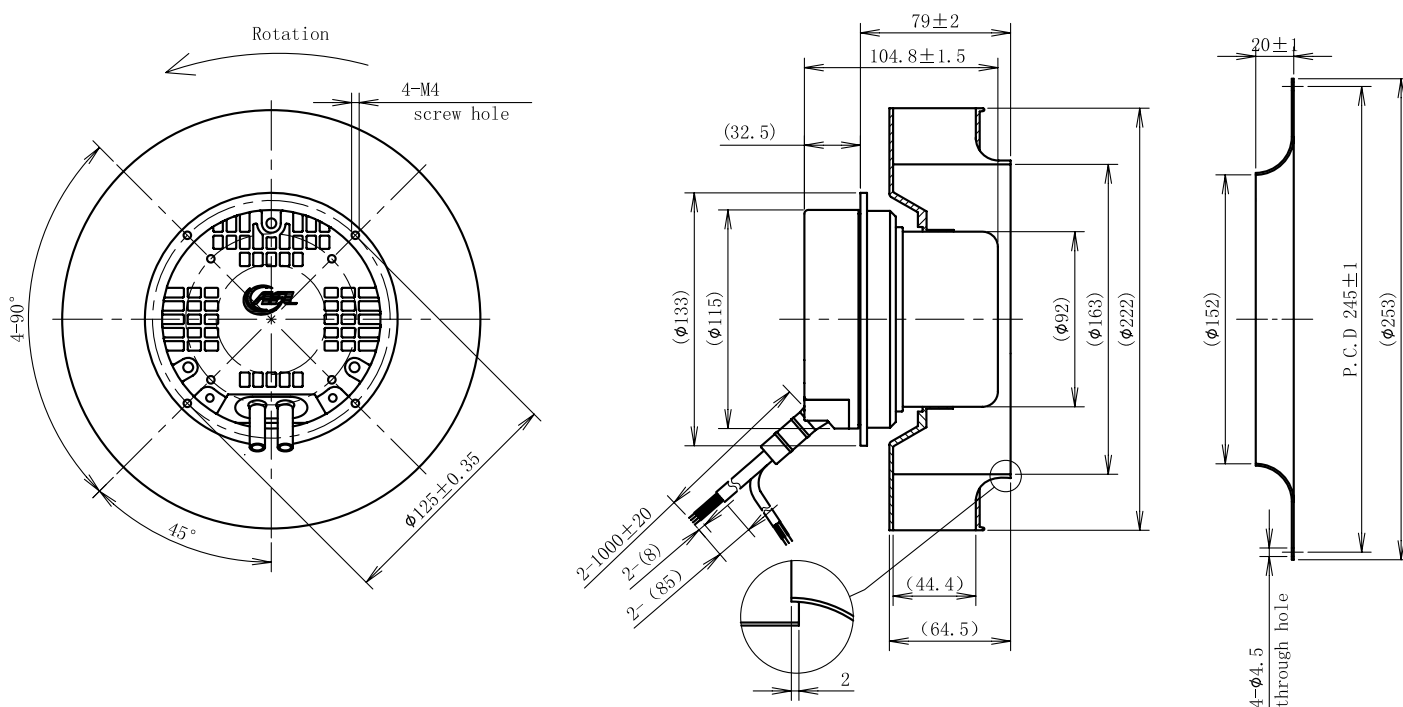
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.0 A
Power input	145 W
Speed	3310 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P225-EC072-006

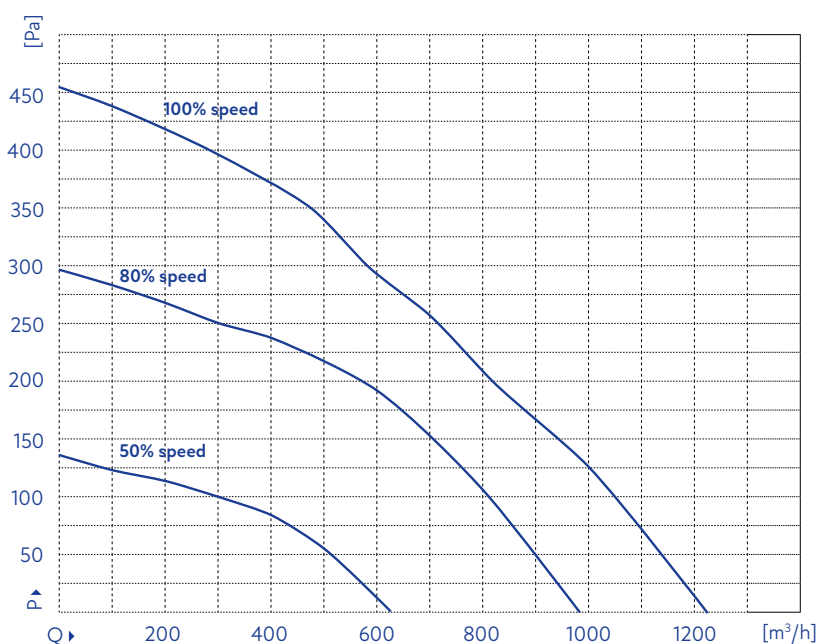
EC Backward Curved Centrifugal Fan



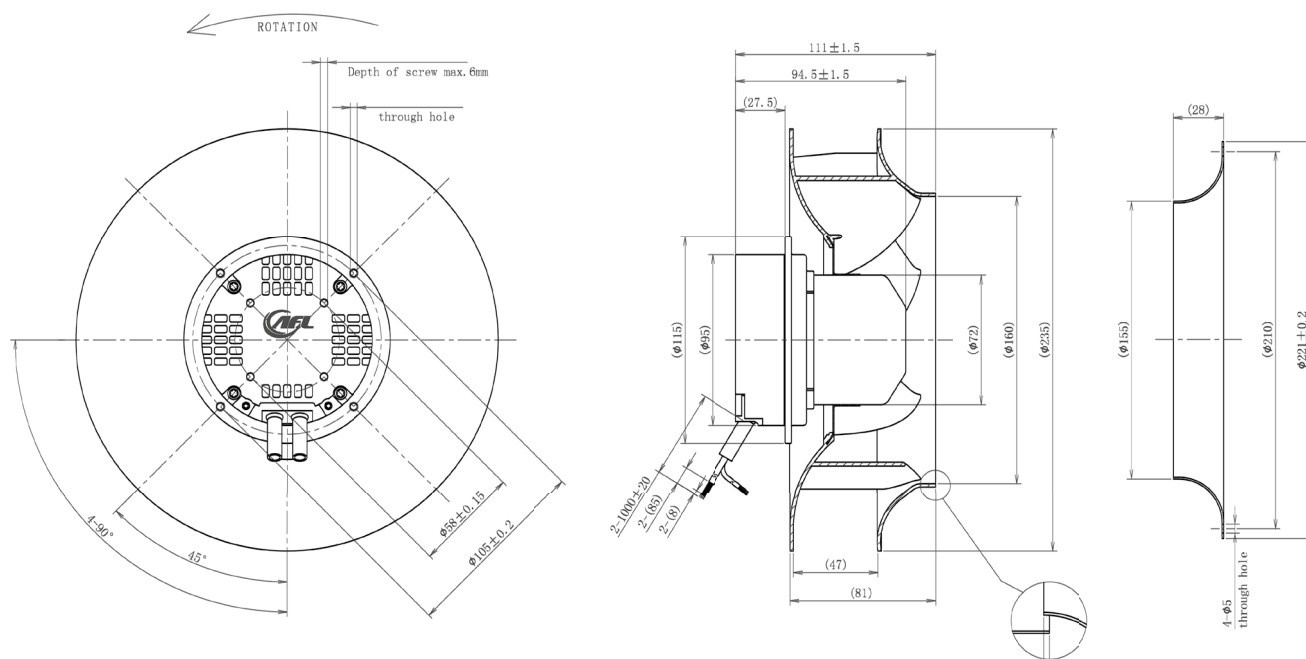
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.7 A
Power input	100 W
Speed	2350 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	65 [dBA]
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

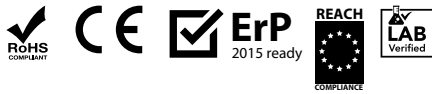


## Product drawing



# Model No. B3P225-EC072-921

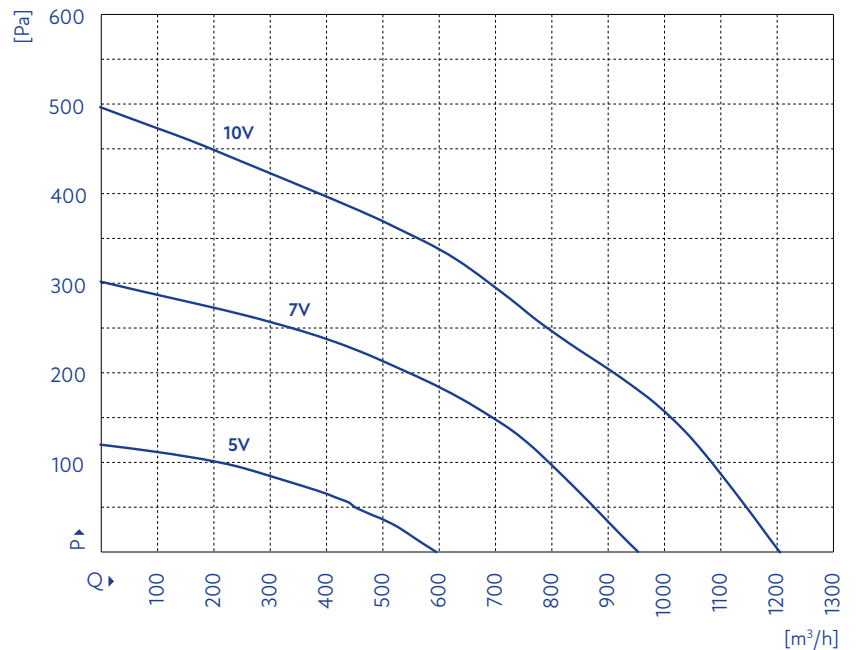
EC Backward Curved Centrifugal Fan



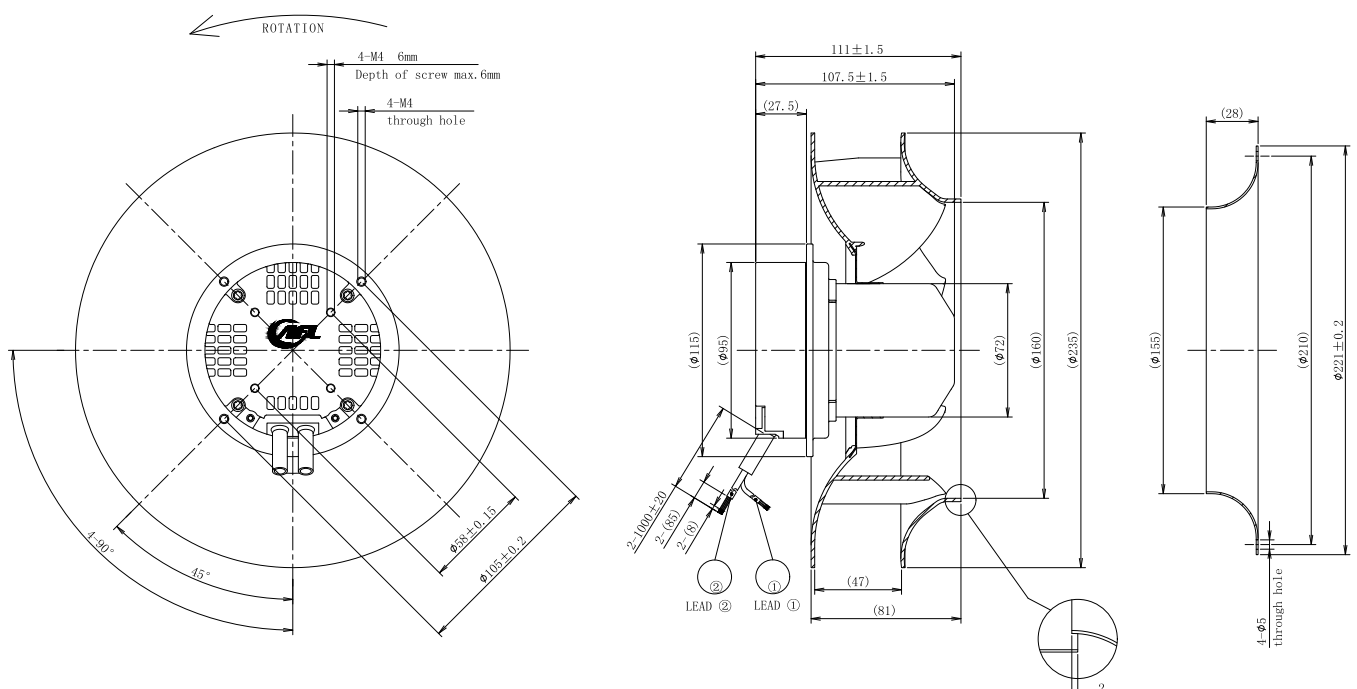
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.71 A
Power input	100 W
Speed	2500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P225-EC072-008

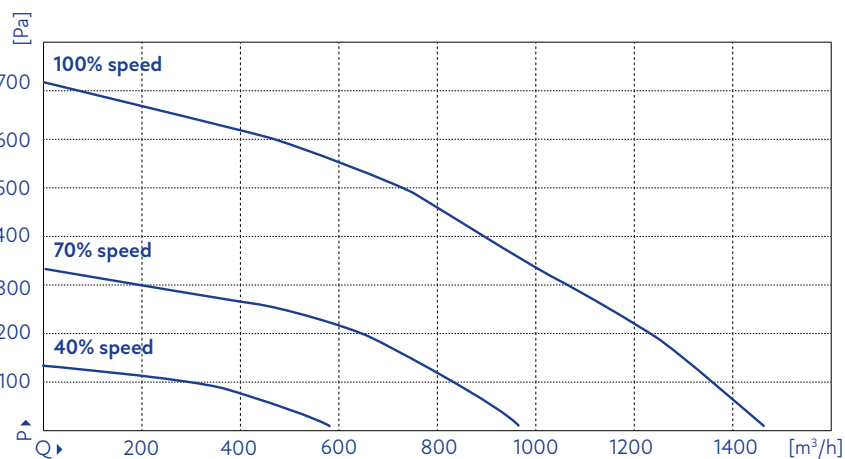
EC Backward Curved Centrifugal Fan



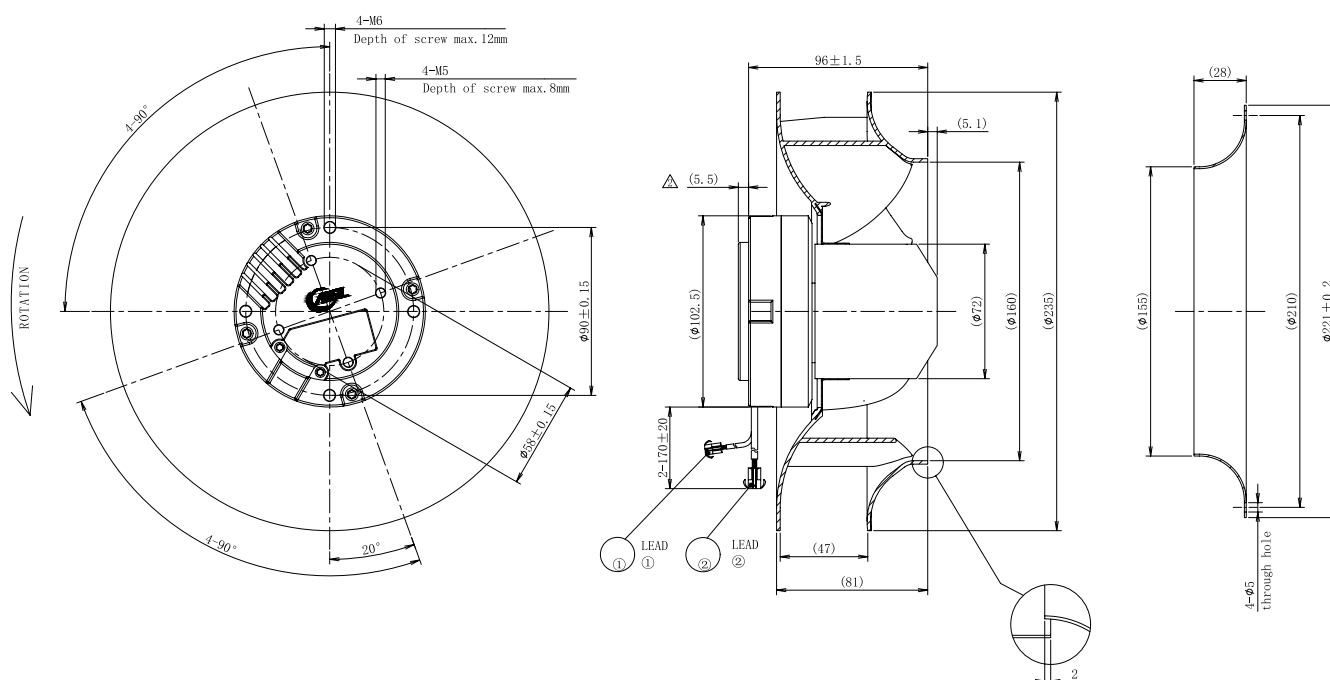
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.16 A
Power input	170 W
Speed	3000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	79 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing





# Model No. B3P225-EC092-025

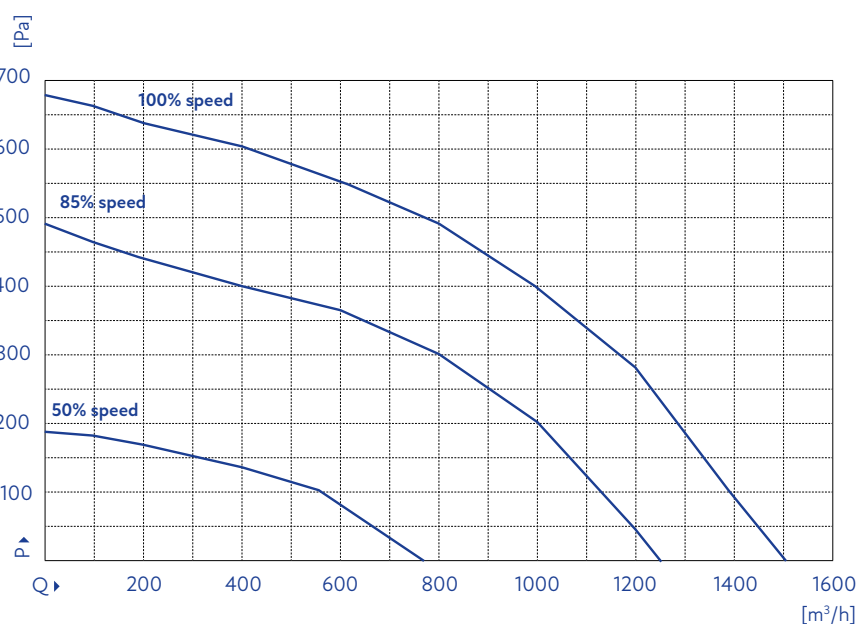
EC Backward Curved Centrifugal Fan



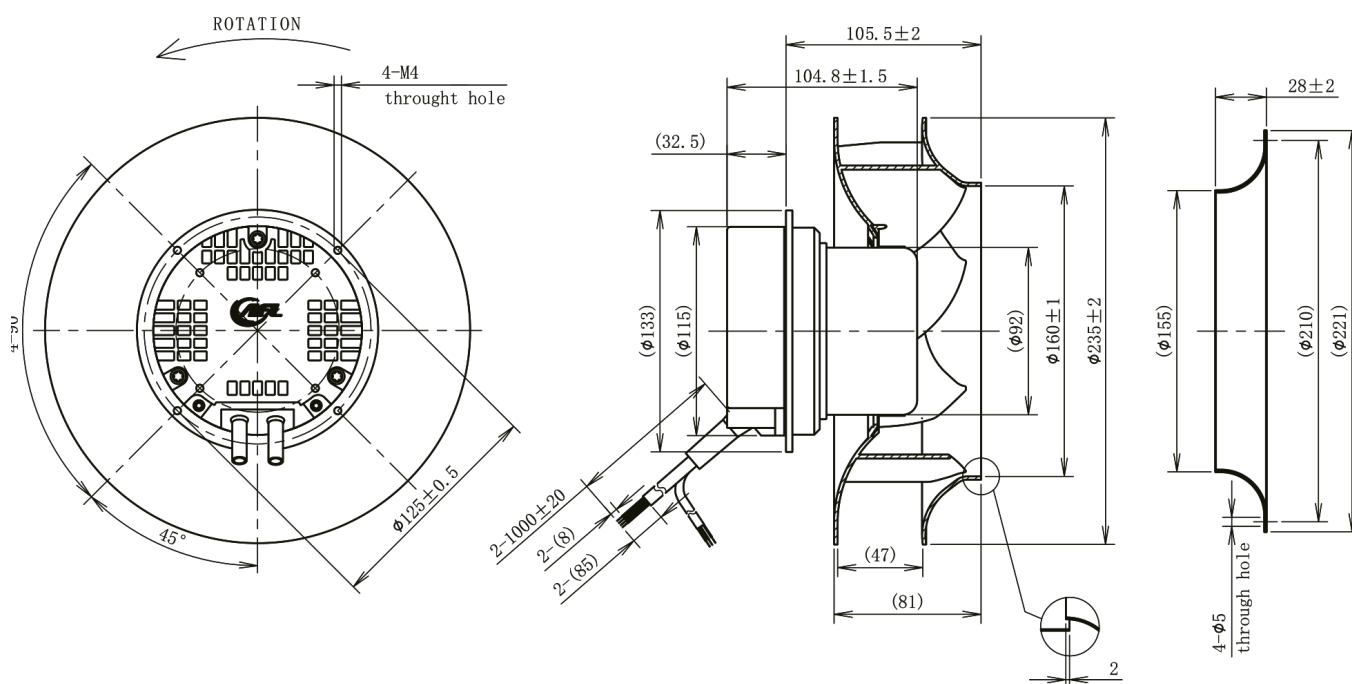
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.1 A
Power input	160 W
Speed	3000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

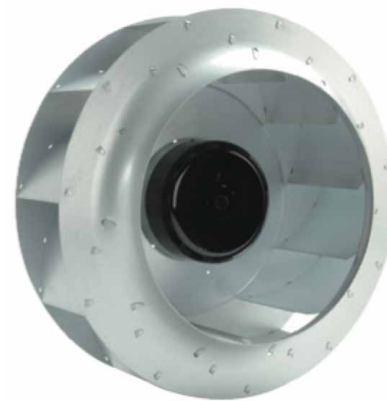


## Product drawing



# Model No. B3P225-EC092-035

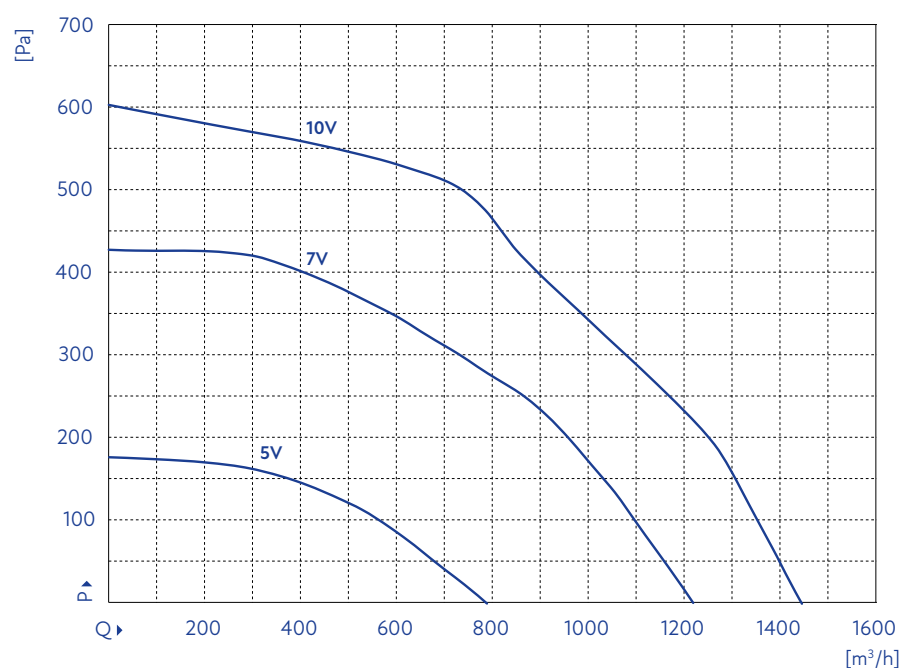
EC Backward Curved Centrifugal Fan



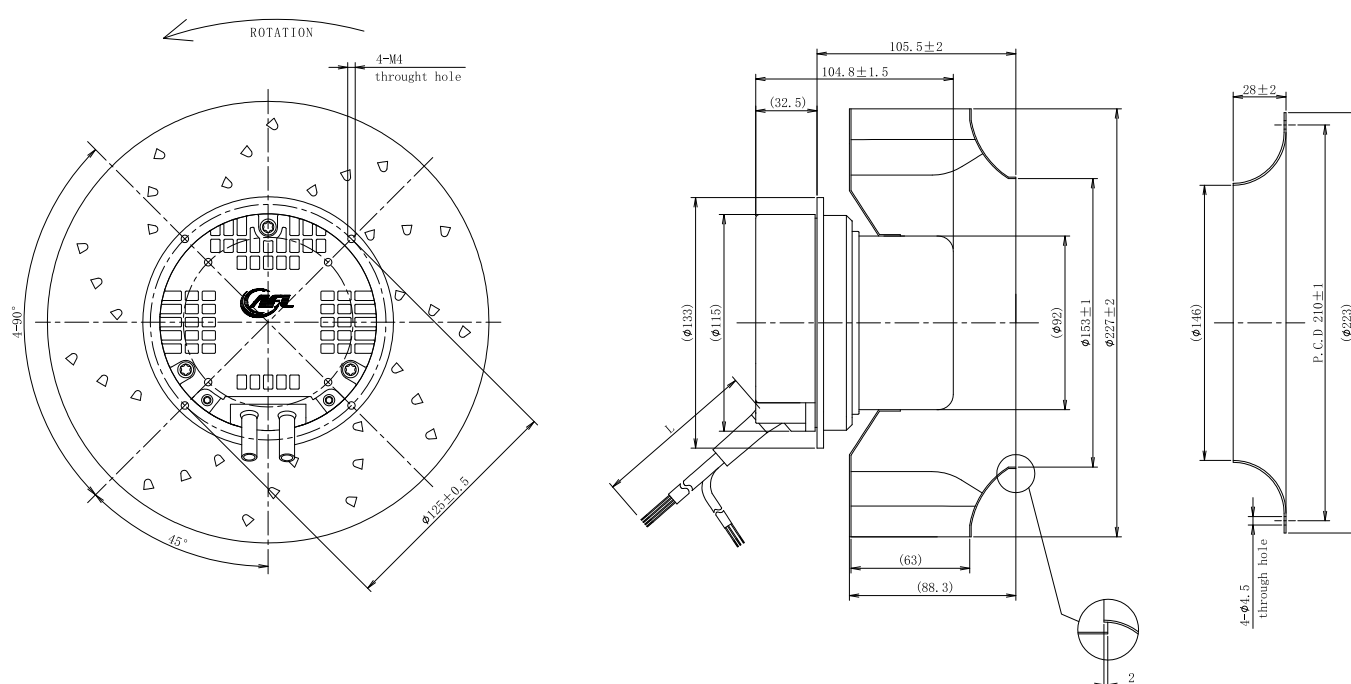
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.2 A
Power input	180 W
Speed	3000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance

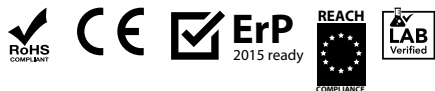


## Product drawing



# Model No. B3P250-EC072-008

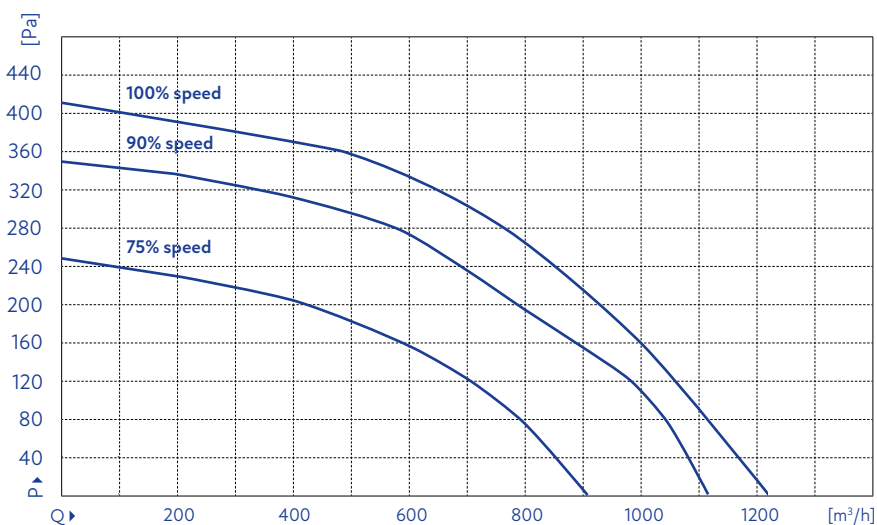
EC Backward Curved Centrifugal Fan



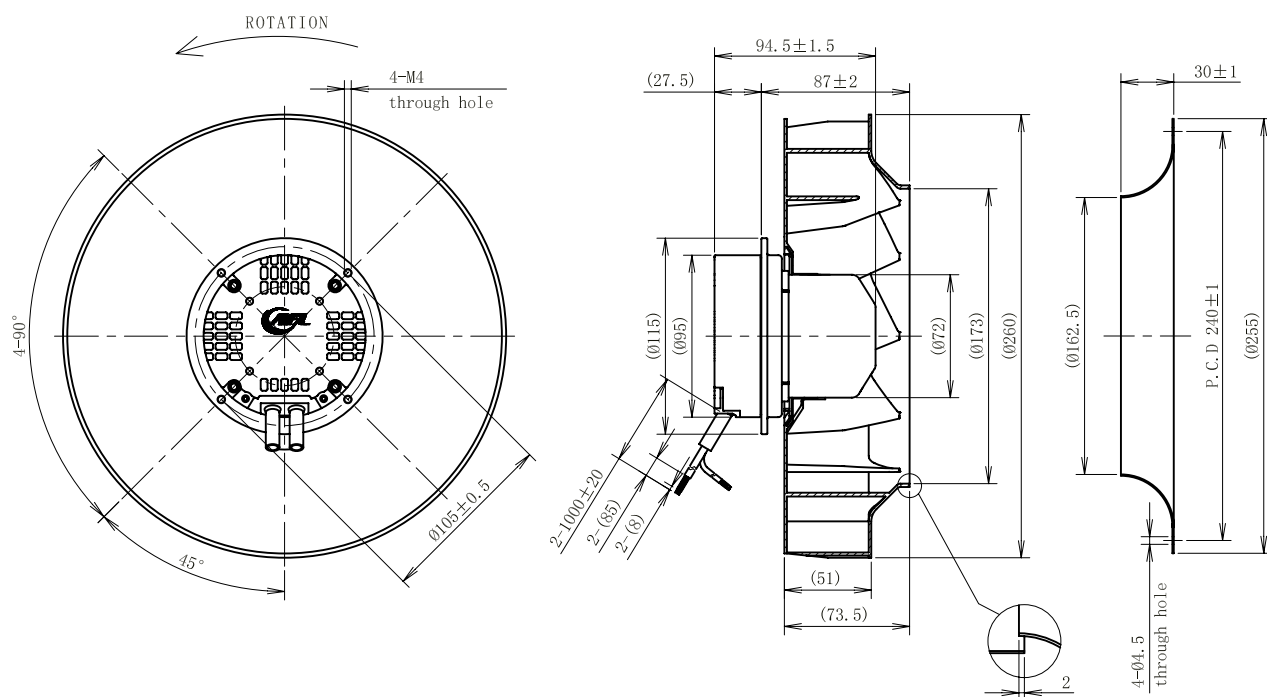
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.8 A
Power input	90 W
Speed	2150 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P250-EC092-003

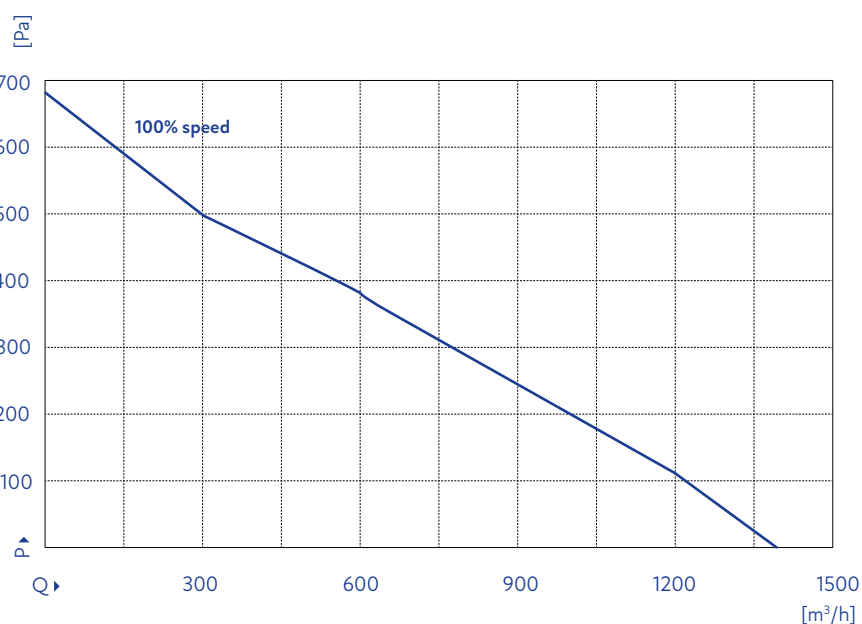
EC Backward Curved Centrifugal Fan



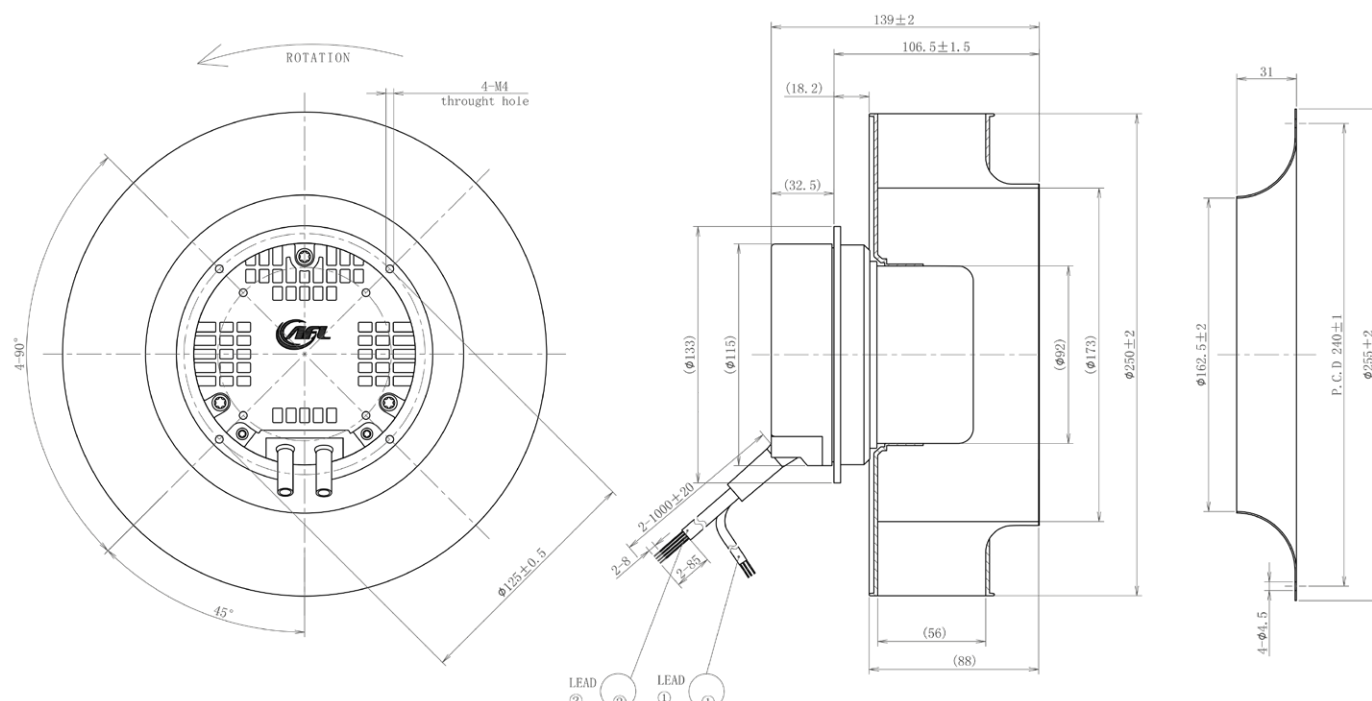
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.87 A
Power input	130 W
Speed	2850 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	72 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P250-EC092-020

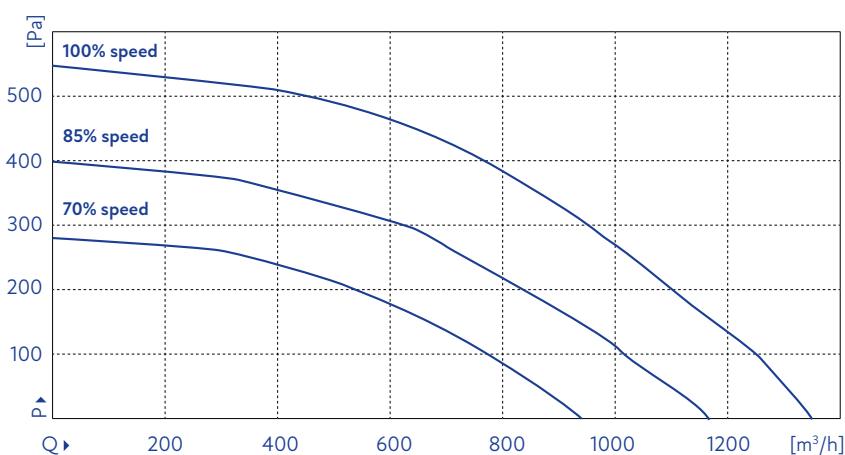
EC Backward Curved Centrifugal Fan



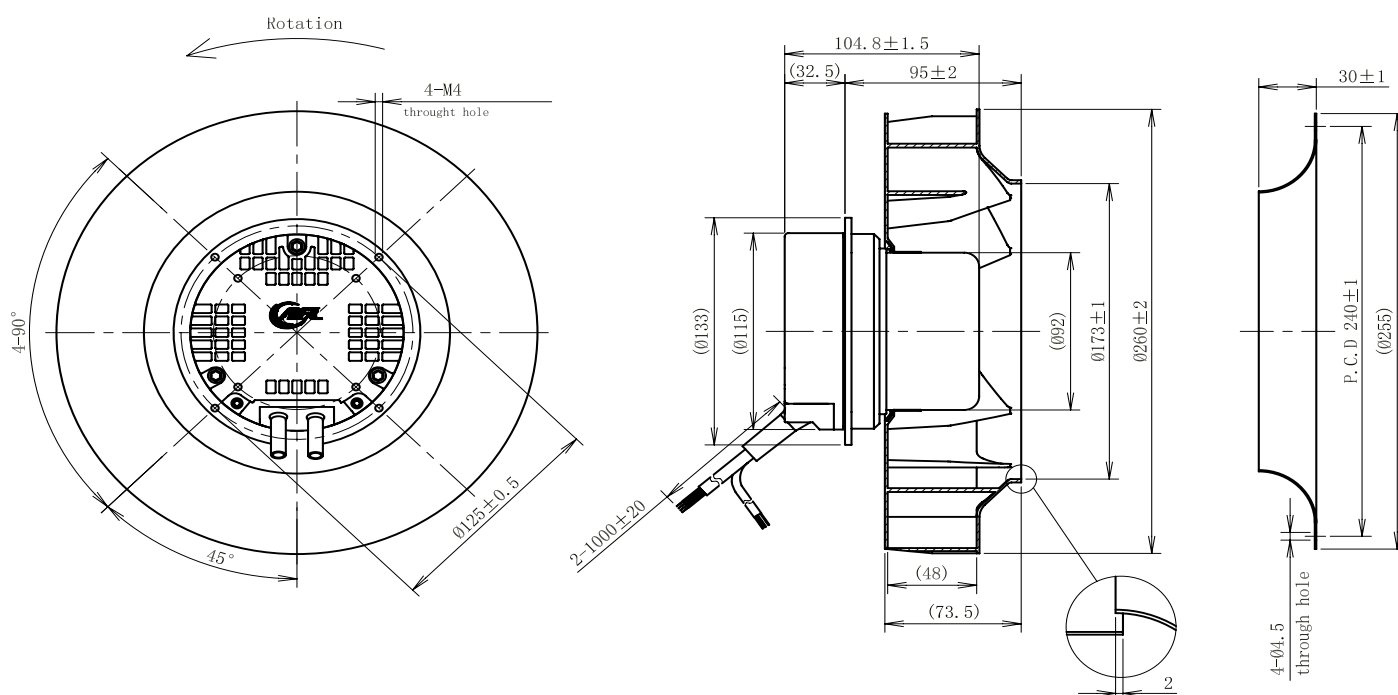
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.1 A
Power input	170 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing





# Model No. B3P250-EC092-033

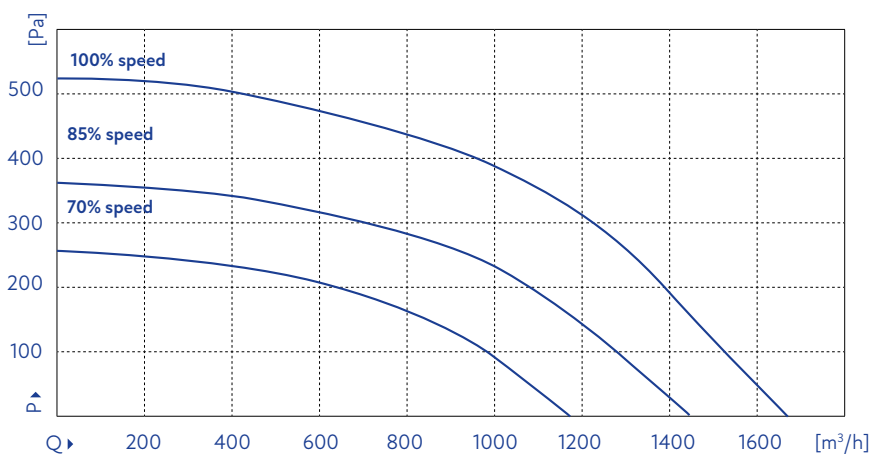
EC Backward Curved Centrifugal Fan



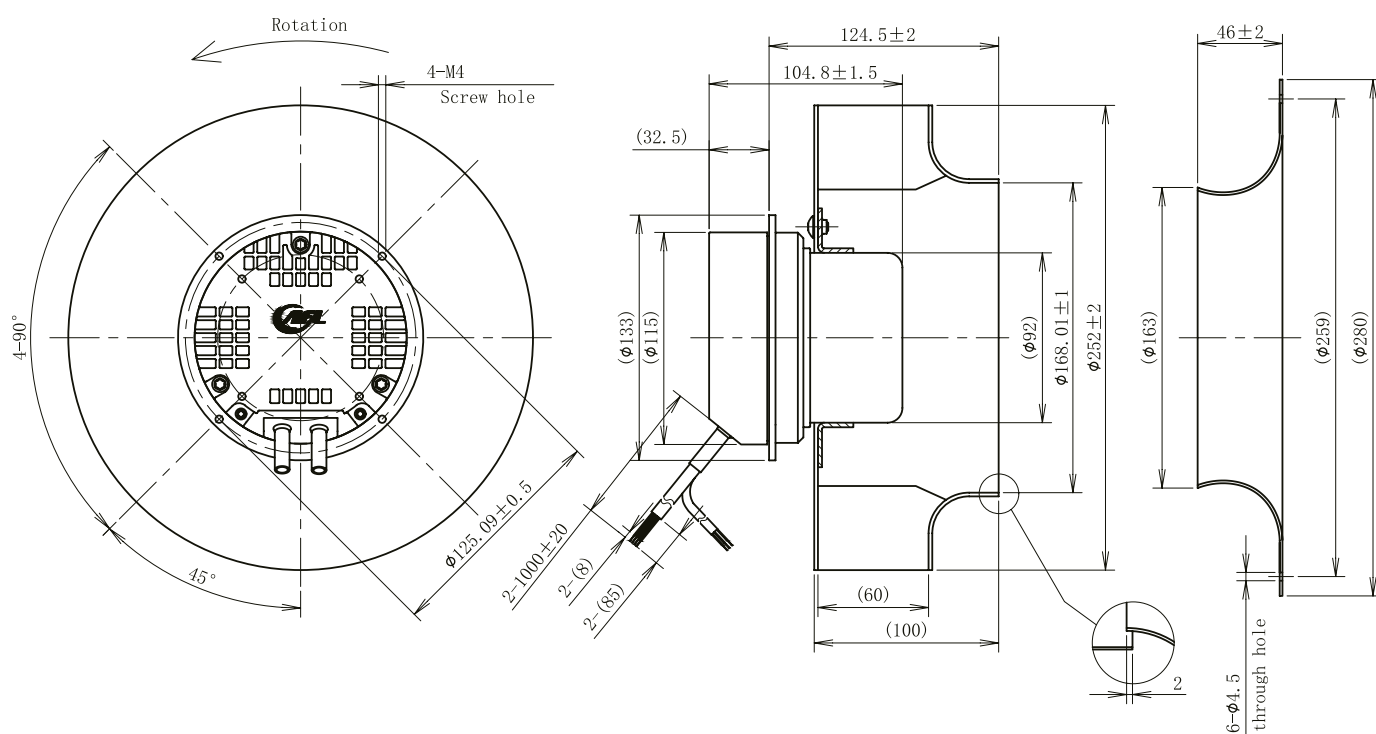
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.0 A
Power input	145 W
Speed	2500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P250-EC102-001

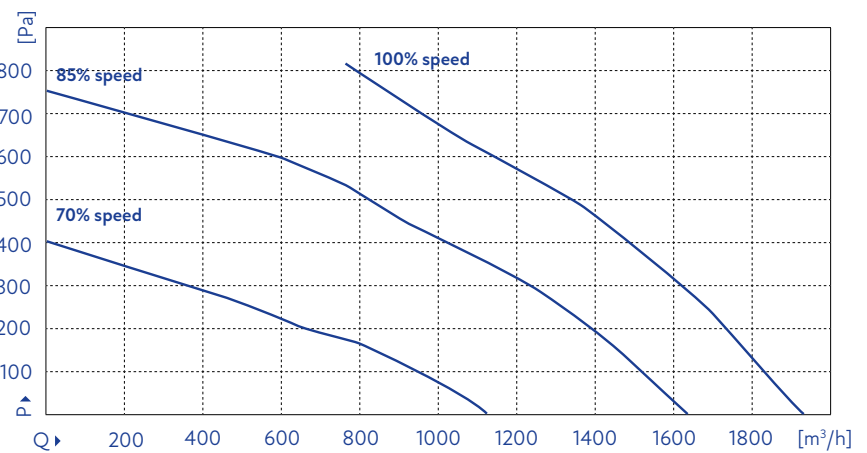
EC Backward Curved Centrifugal Fan



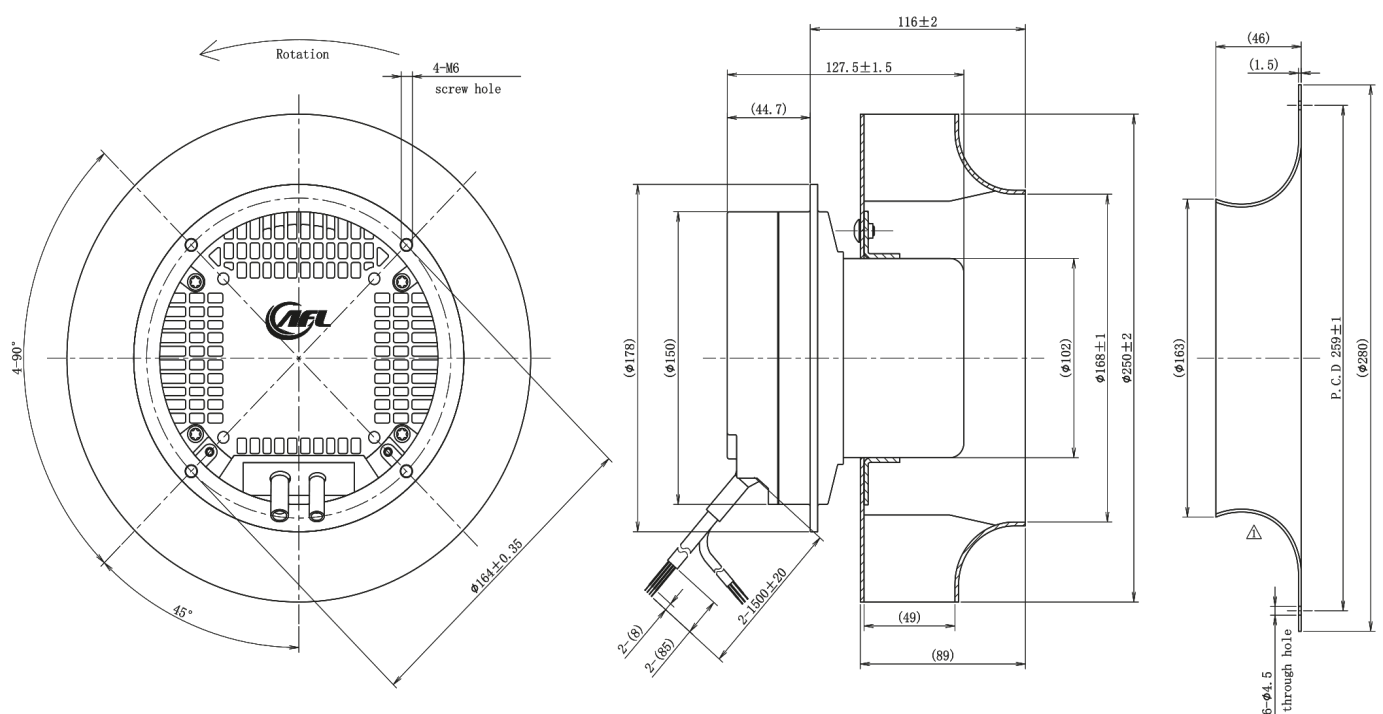
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.55 A
Power input	330 W
Speed	3350 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P280-EC092-004

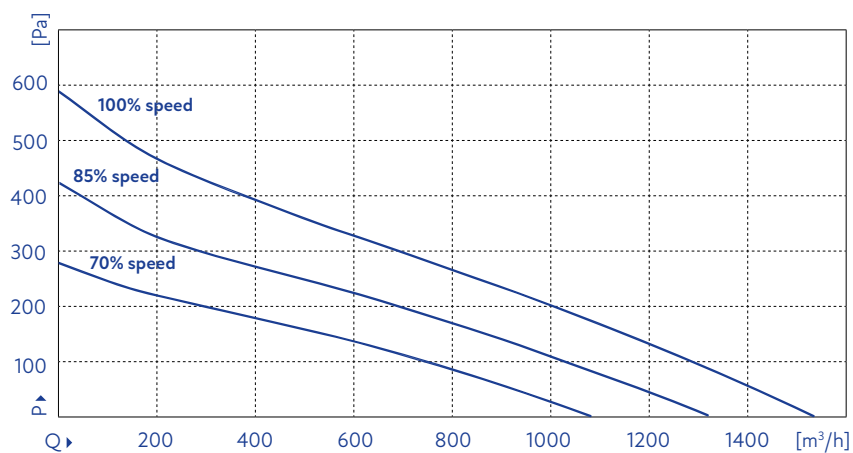
EC Backward Curved Centrifugal Fan



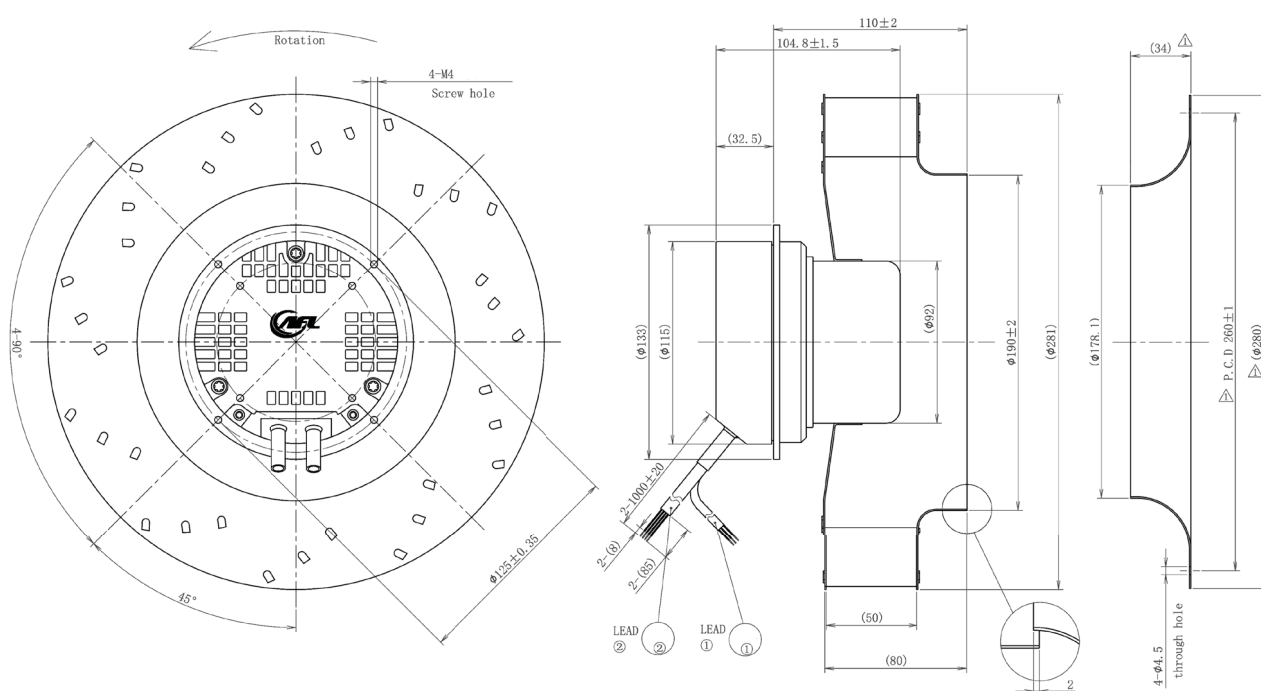
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.0 A
Power input	133 W
Speed	2250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance

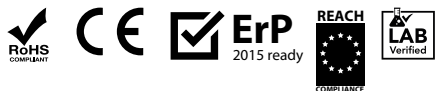
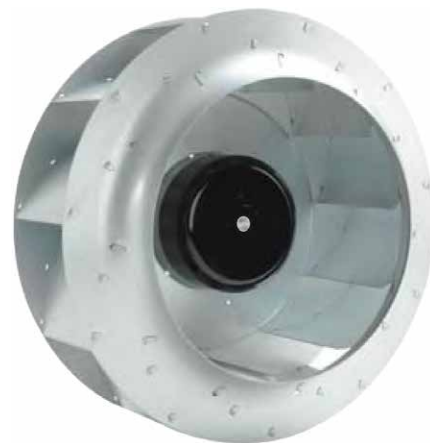


## Product drawing



# Model No. B3P280-EC092-100

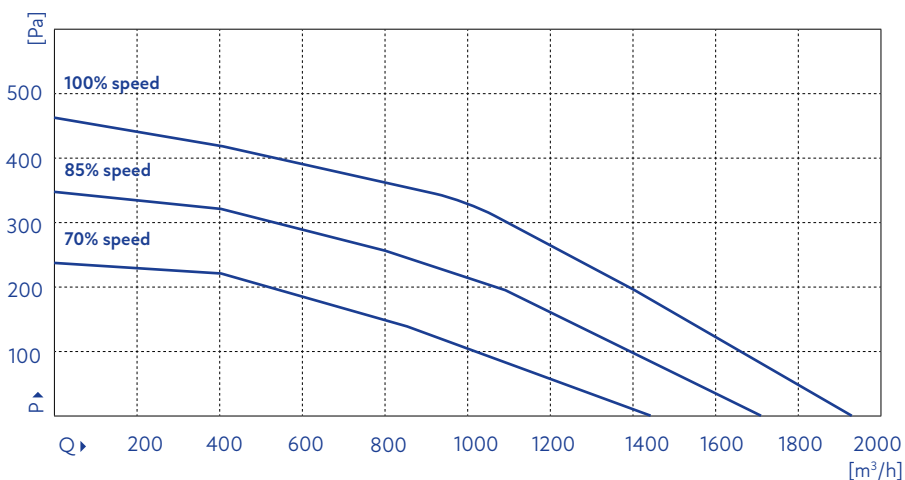
EC Backward Curved Centrifugal Fan



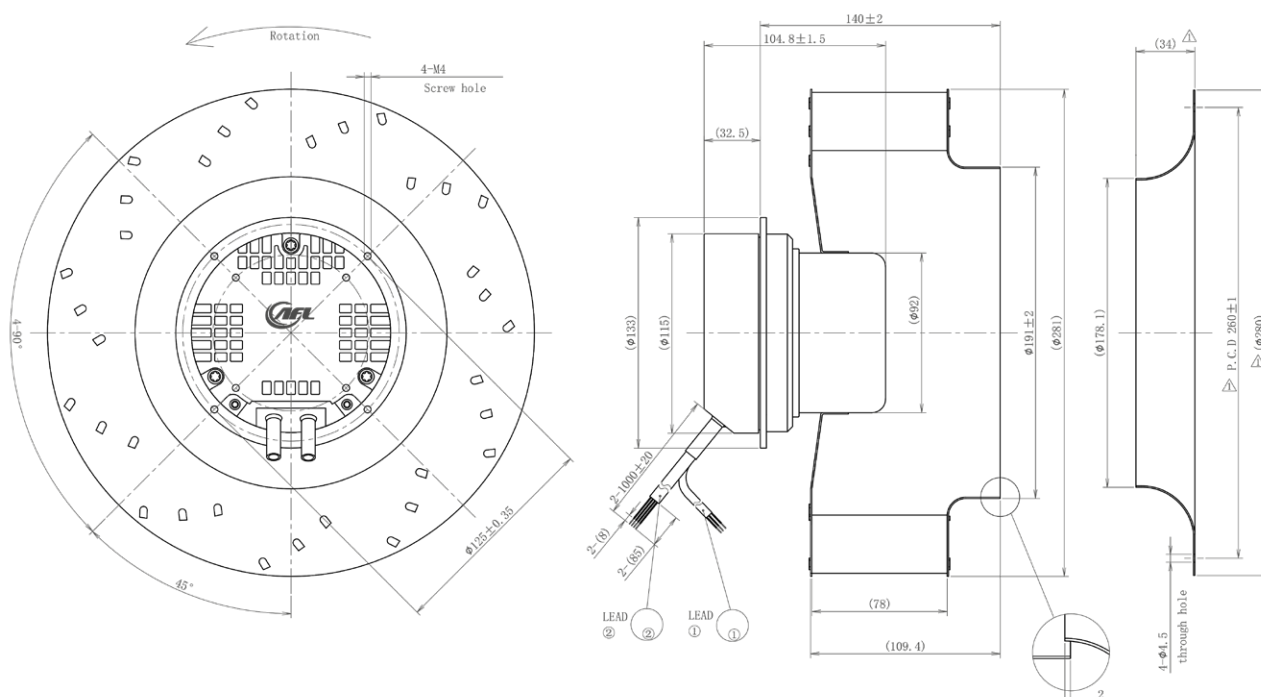
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.75 A
Power input	105 W
Speed	2000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. B3P280-EC102-010

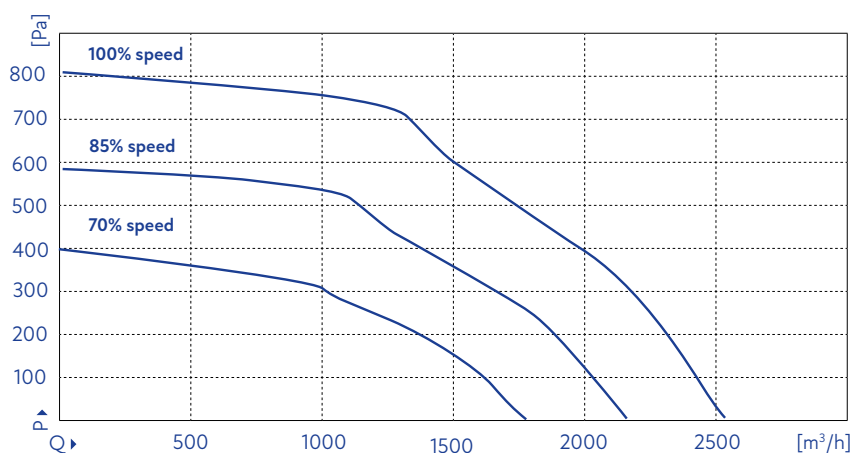
EC Backward Curved Centrifugal Fan



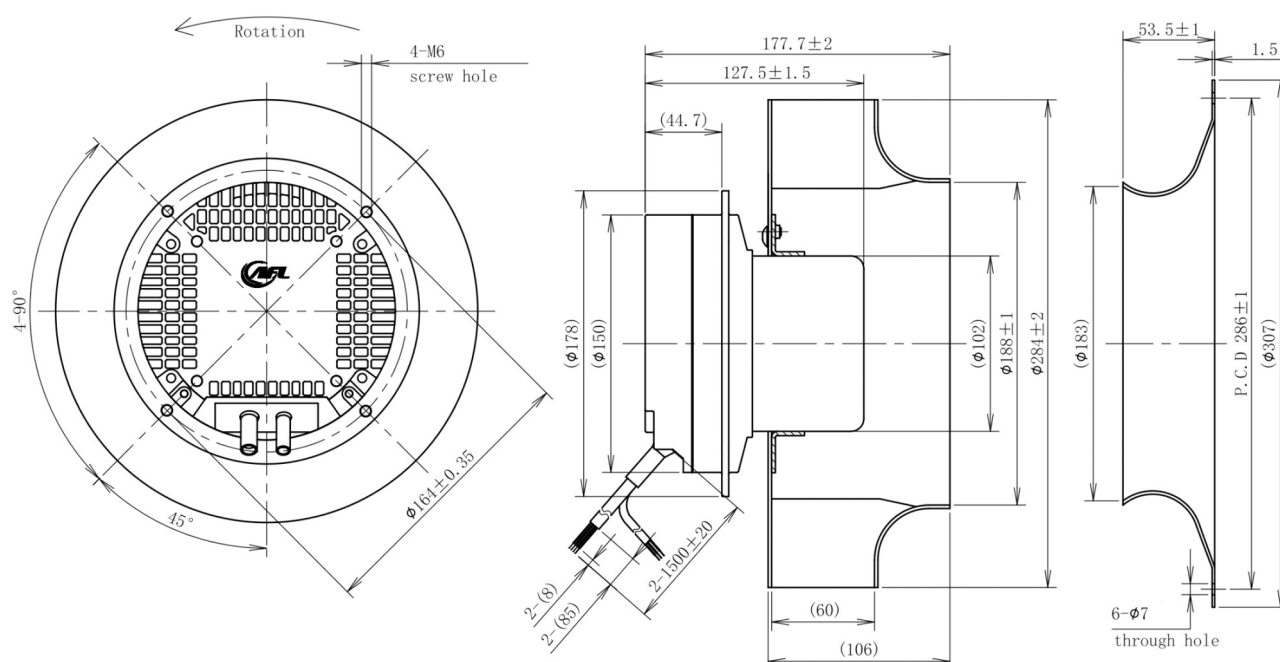
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.75 A
Power input	370 W
Speed	2750 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	75 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P280-EC137-100

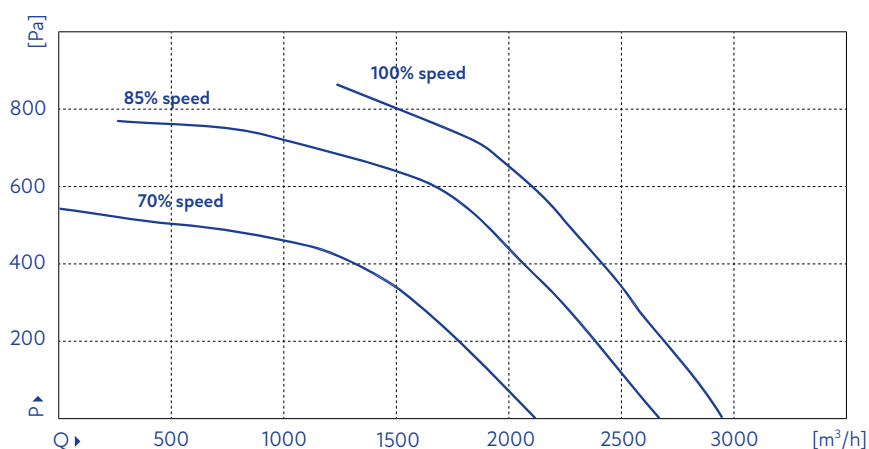
EC Backward Curved Centrifugal Fan



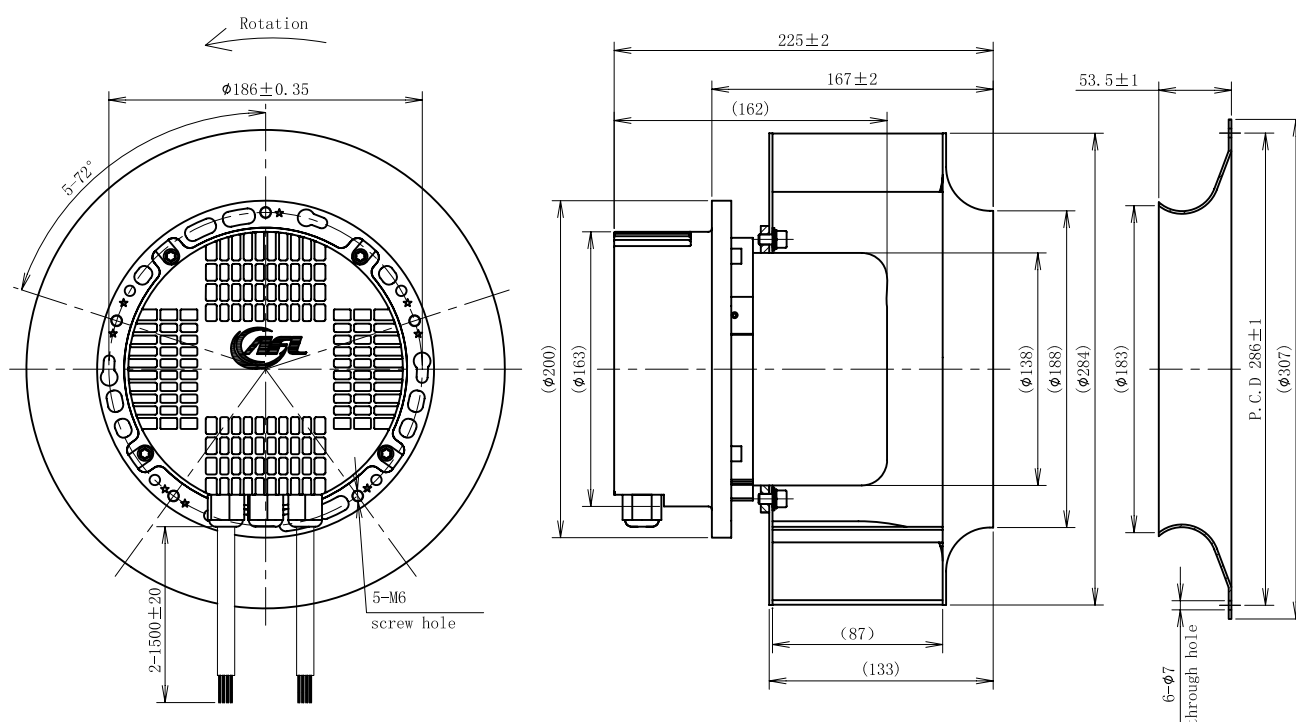
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.2 A
Power input	860 W
Speed	3000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	85 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

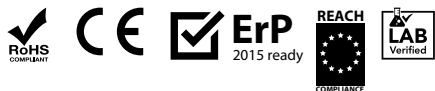


## Product drawing



# Model No. B3P280-EC137-200

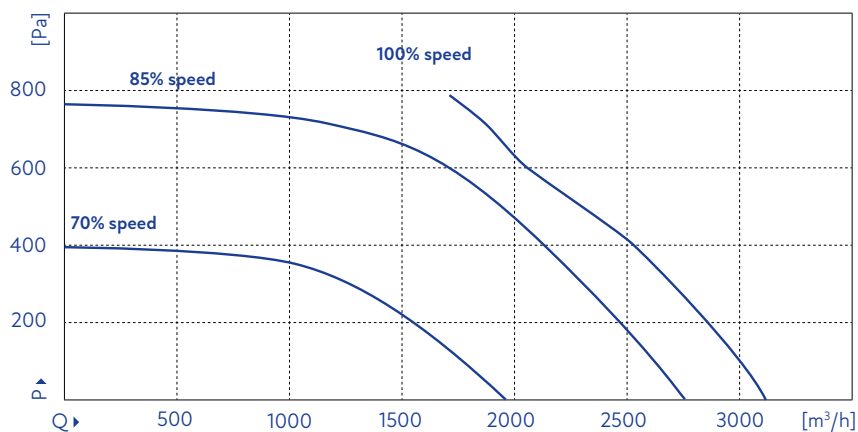
EC Backward Curved Centrifugal Fan



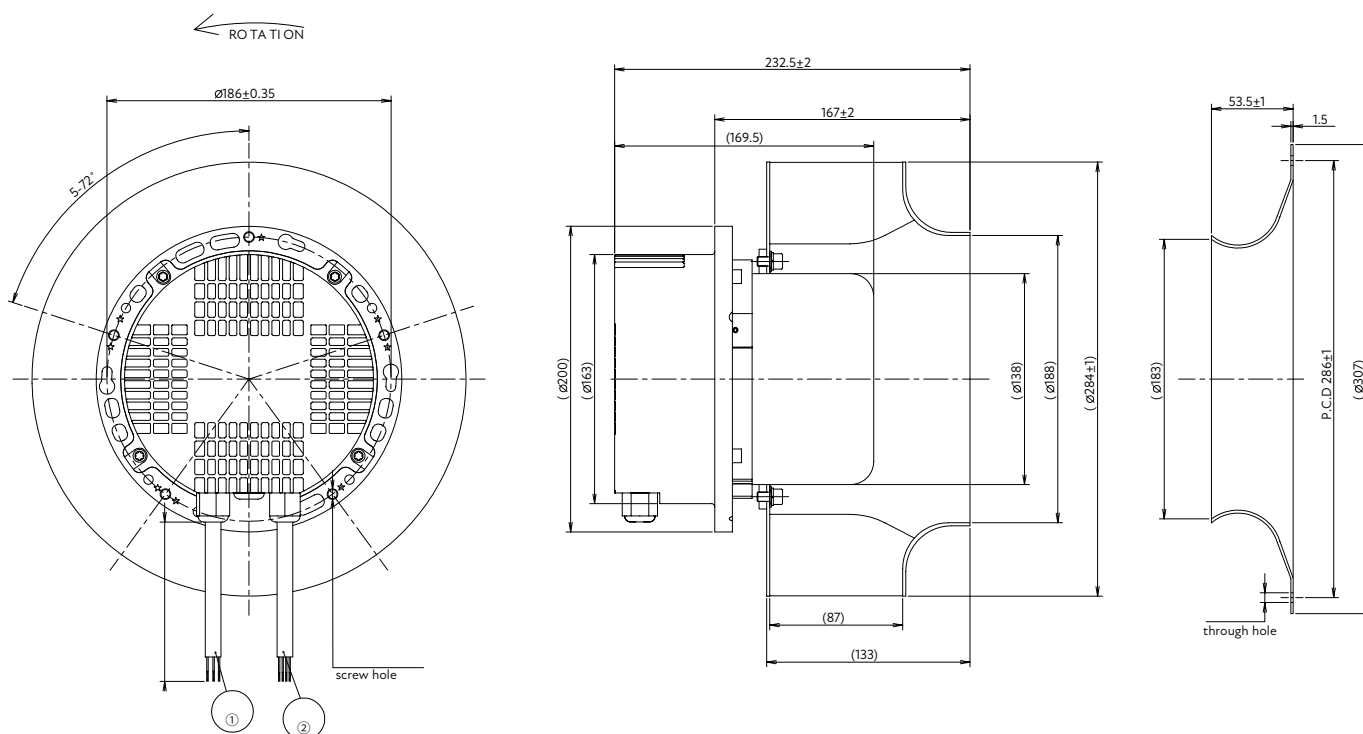
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.3 A
Power input	700 W
Speed	2950 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P280-EC137-018

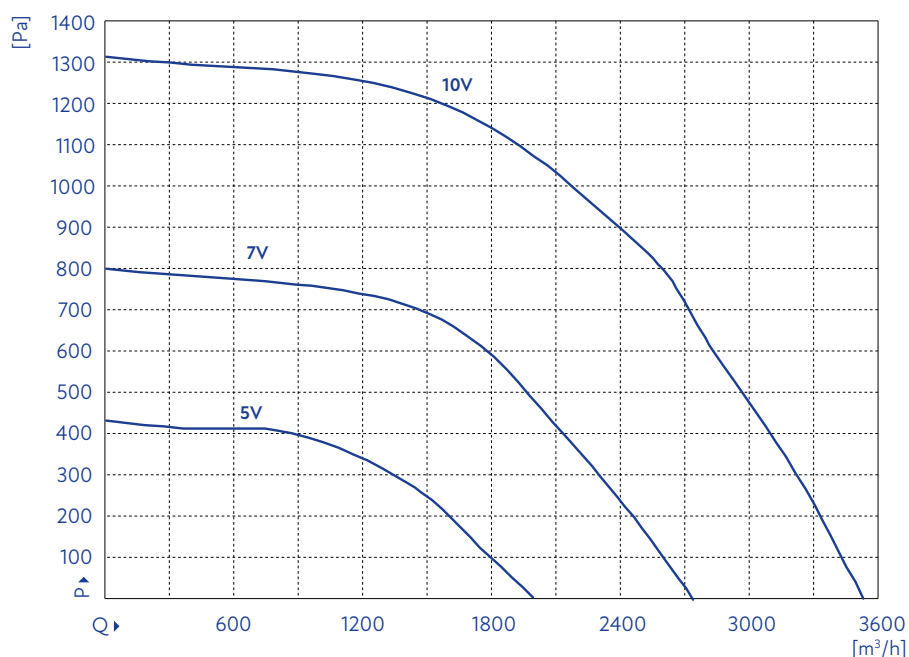
EC Backward Curved Centrifugal Fan



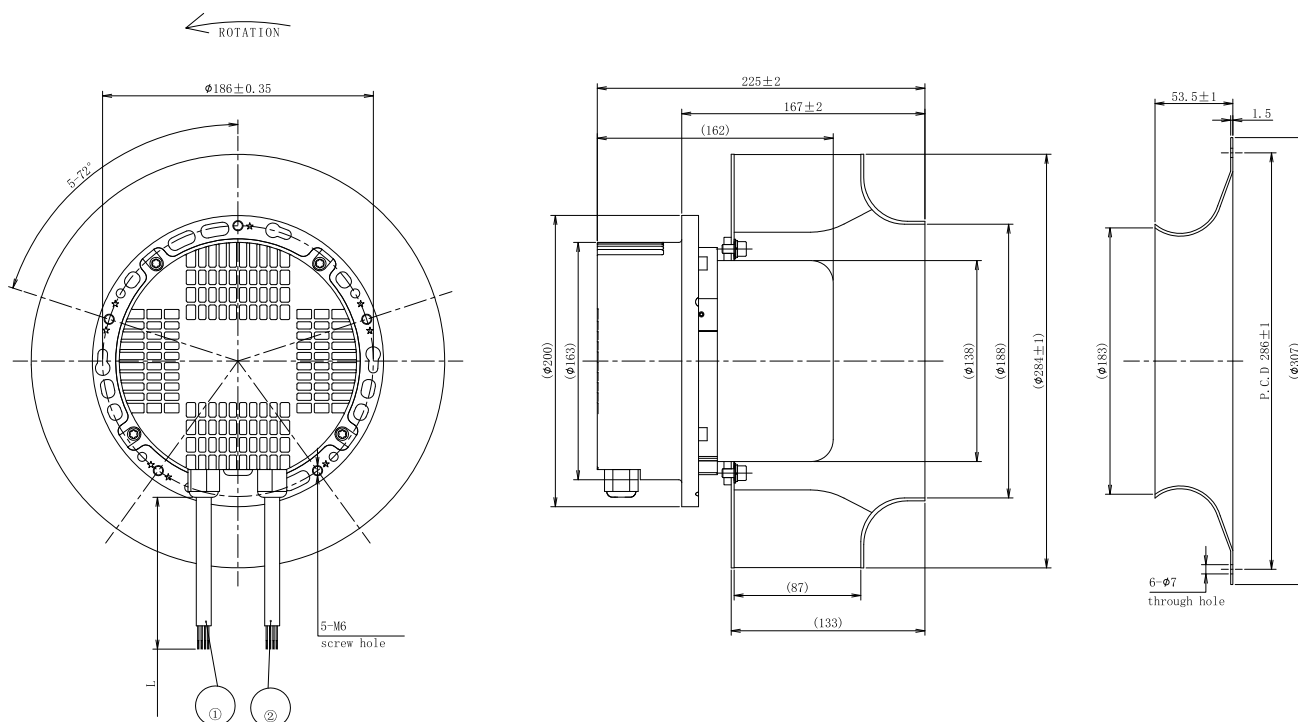
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.0 A
Power input	1100 W
Speed	3450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	85 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

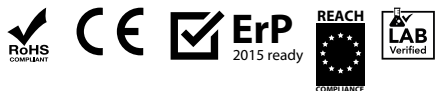


## Product drawing



# Model No. B3P280-EC137-900

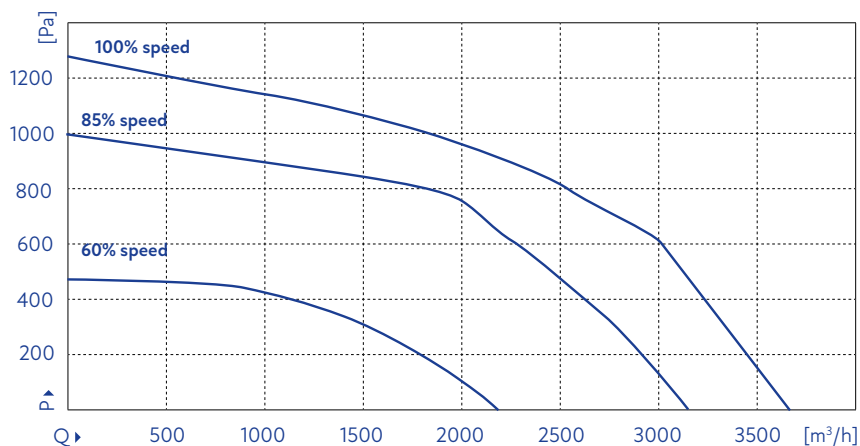
EC Backward Curved Centrifugal Fan



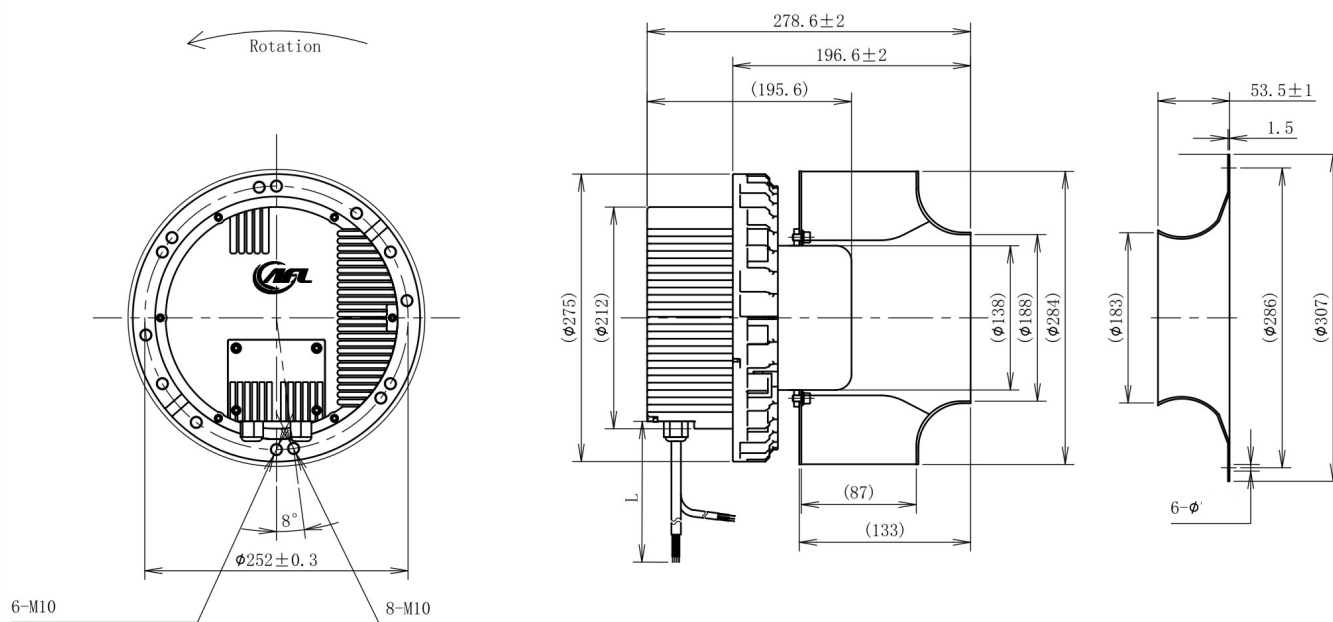
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.9 A
Power input	1100 W
Speed	3500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	89 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



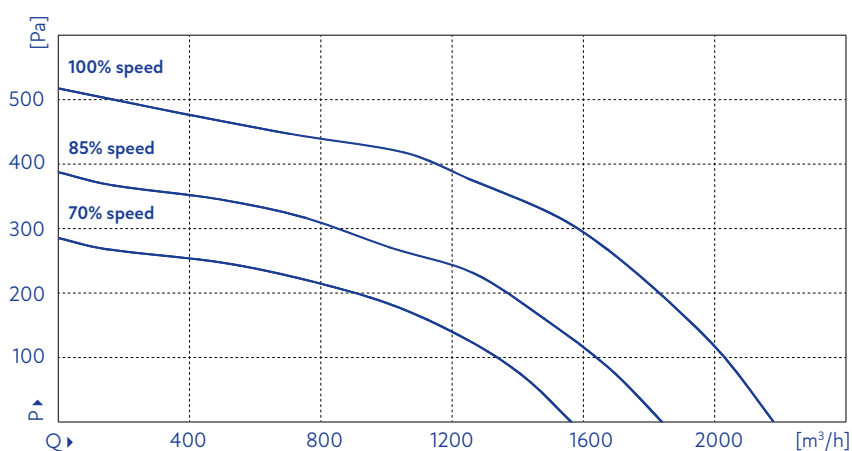
## EC Backward Curved Centrifugal Fan



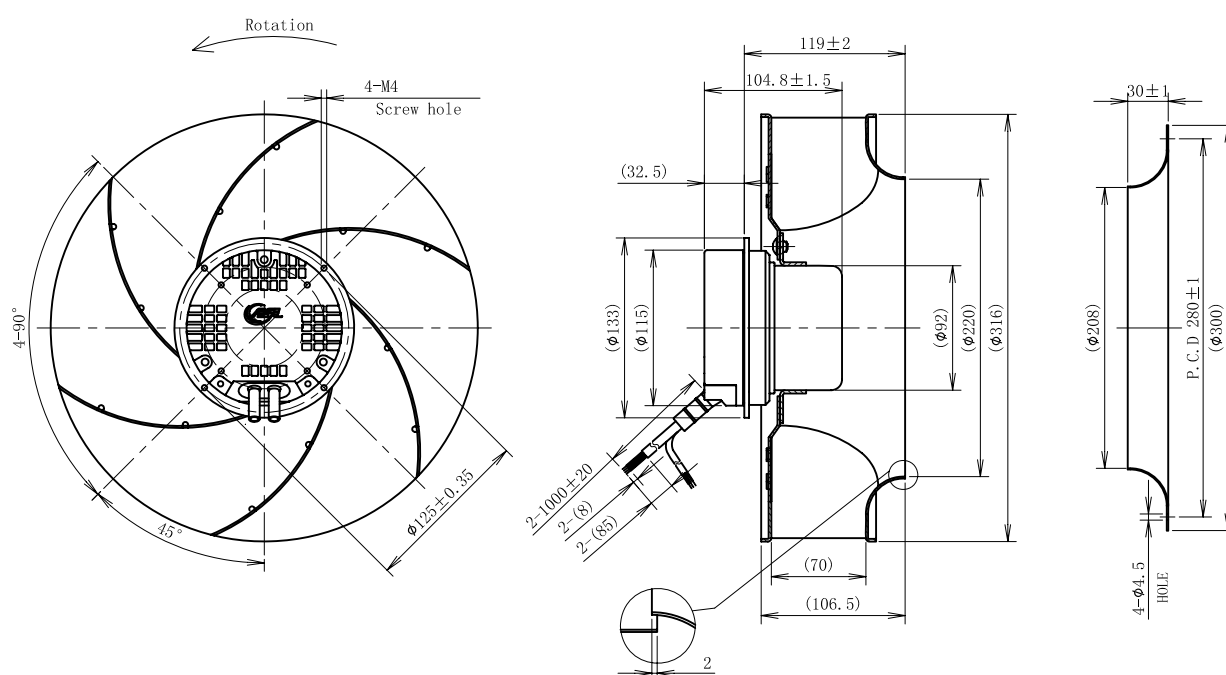
- Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.3 A
<b>Power input</b>	175 W
<b>Speed</b>	1925 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	74 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	sheet aluminium

- Air performance

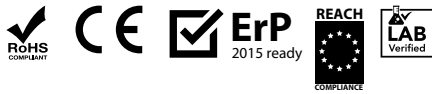


- Product drawing



# Model No. B3P310-EC092-001

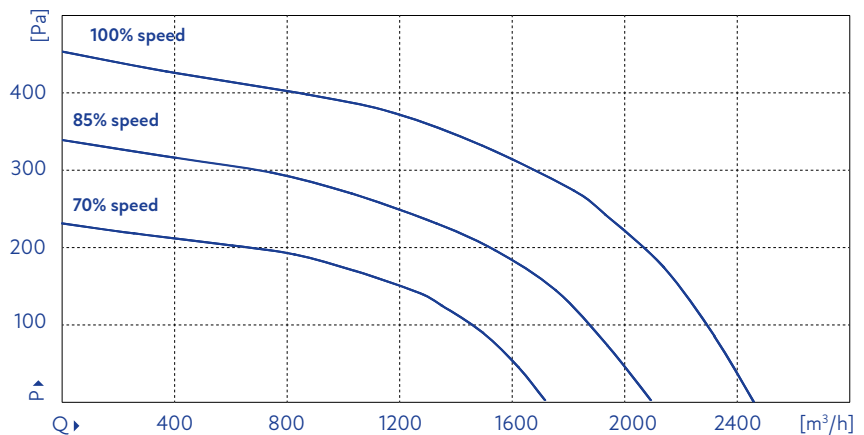
EC Backward Curved Centrifugal Fan



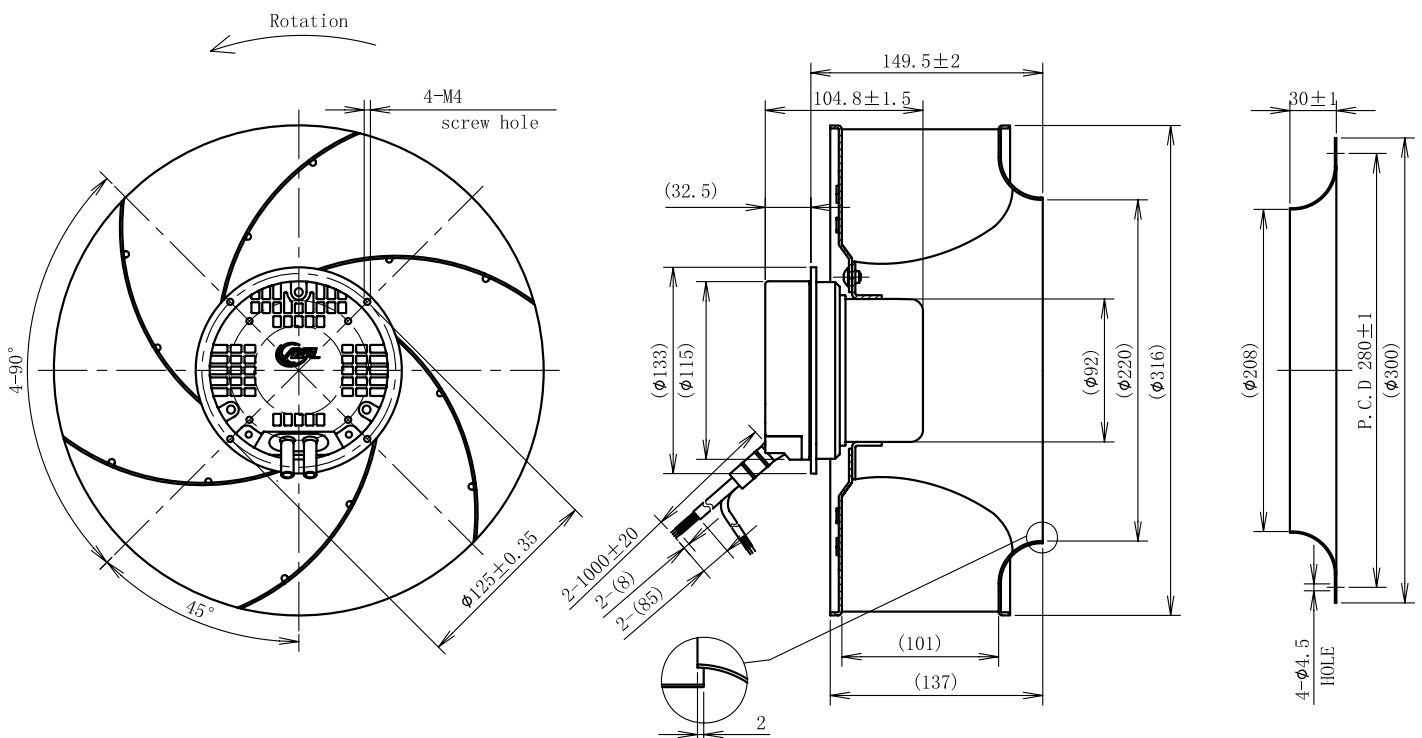
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.3 A
Power input	175 W
Speed	1770 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance

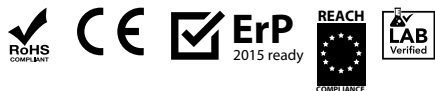


## Product drawing



# Model No. B3P310-EC102-100

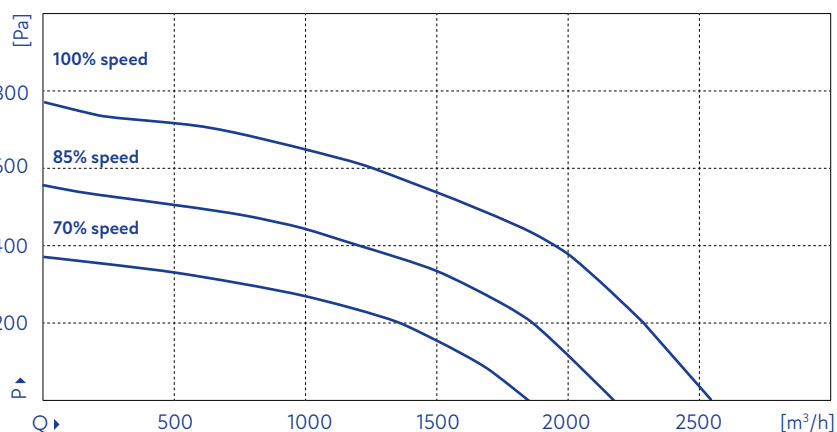
EC Backward Curved Centrifugal Fan



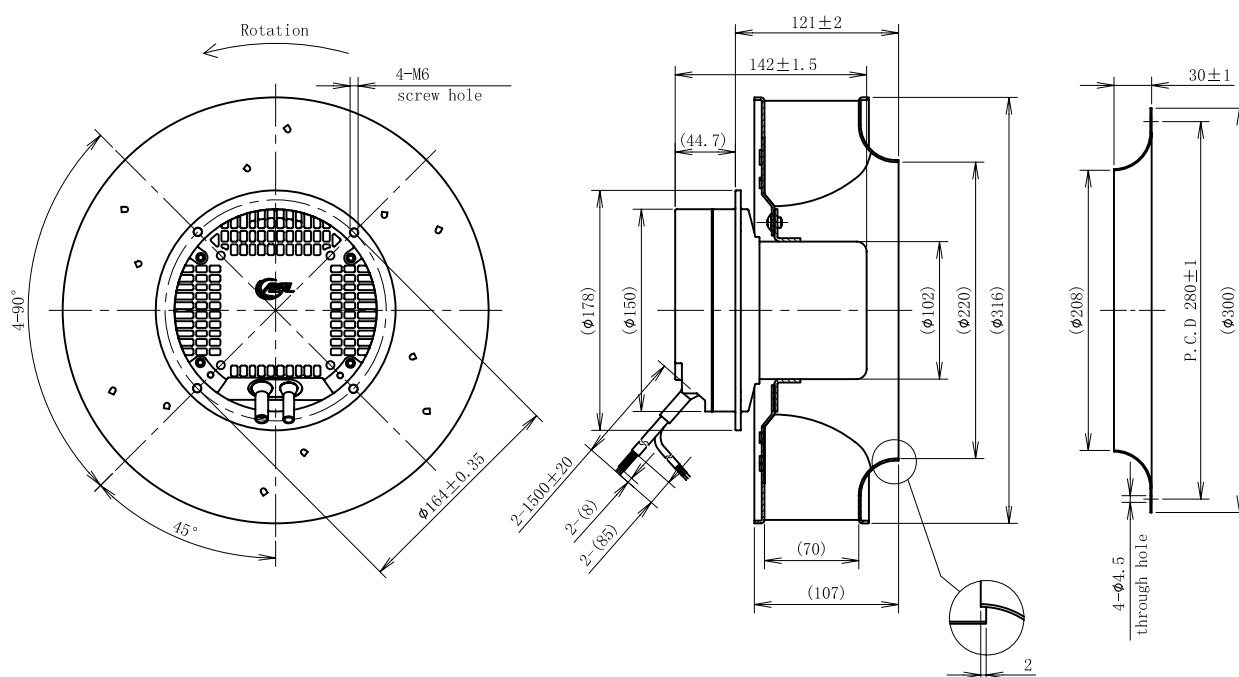
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.4 A
Power input	305 W
Speed	2350 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC102-001

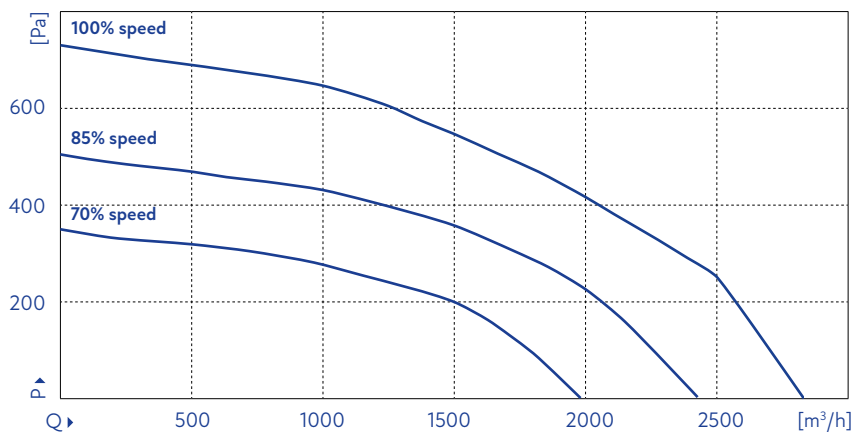
EC Backward Curved Centrifugal Fan



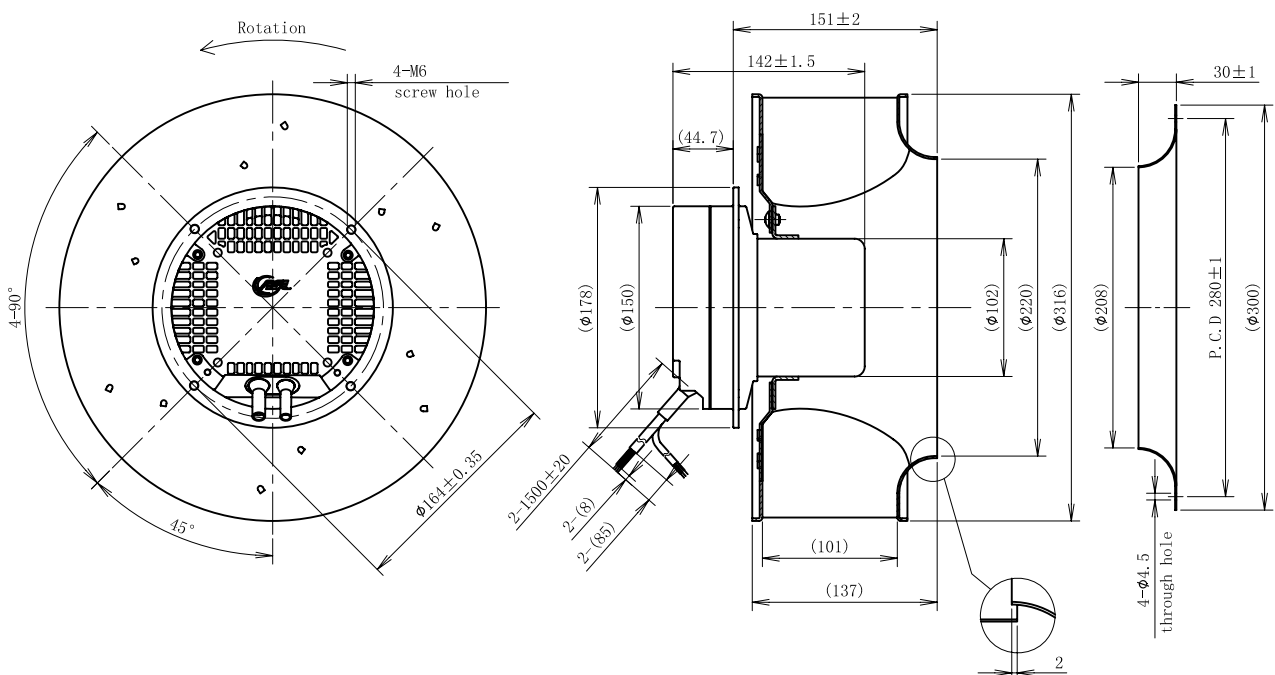
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.45 A
Power input	320 W
Speed	2200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	75 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC137-100

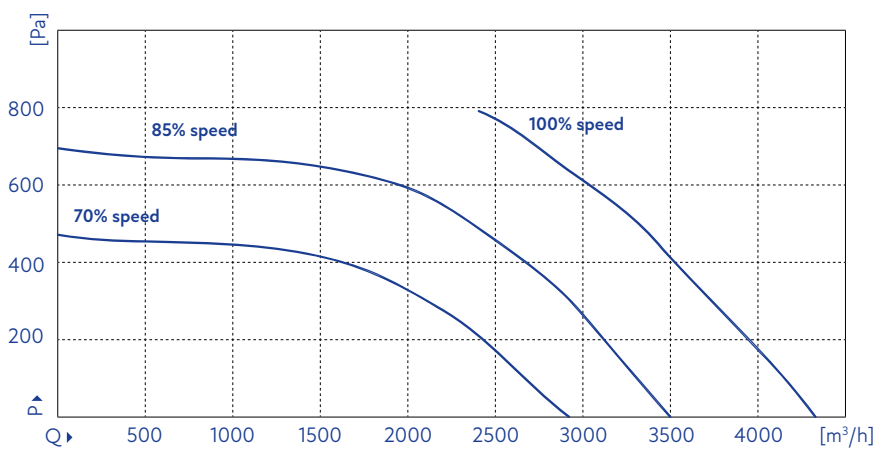
EC Backward Curved Centrifugal Fan



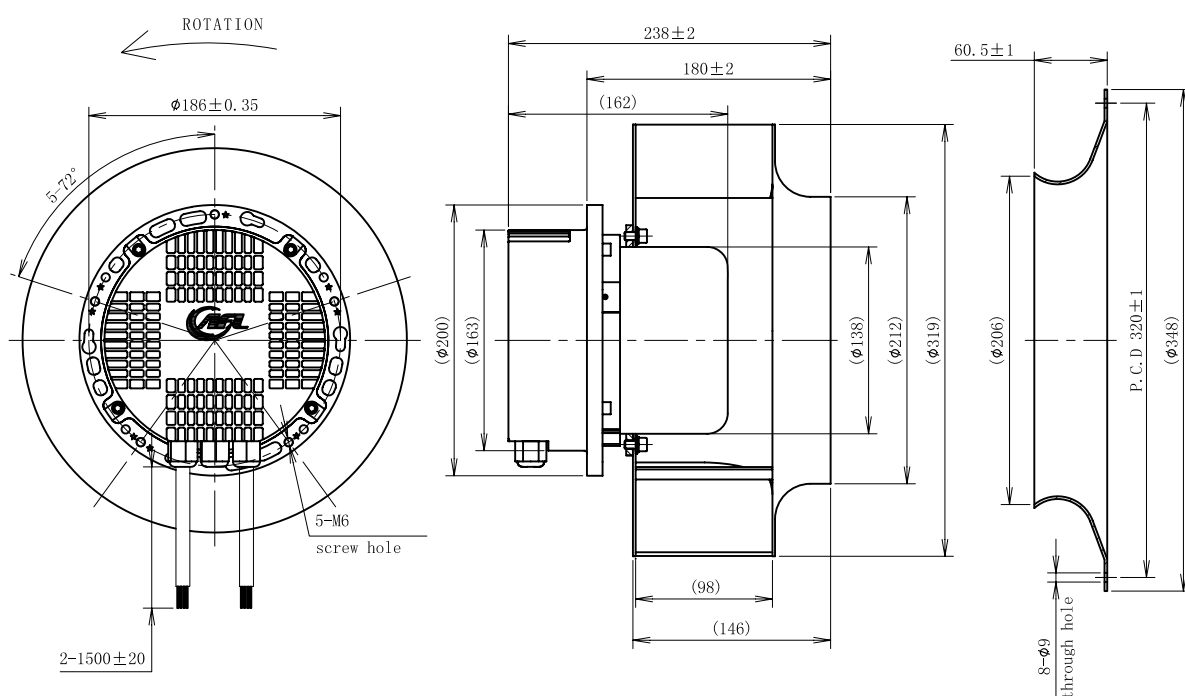
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.64 A
Power input	980 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P310-EC137-200

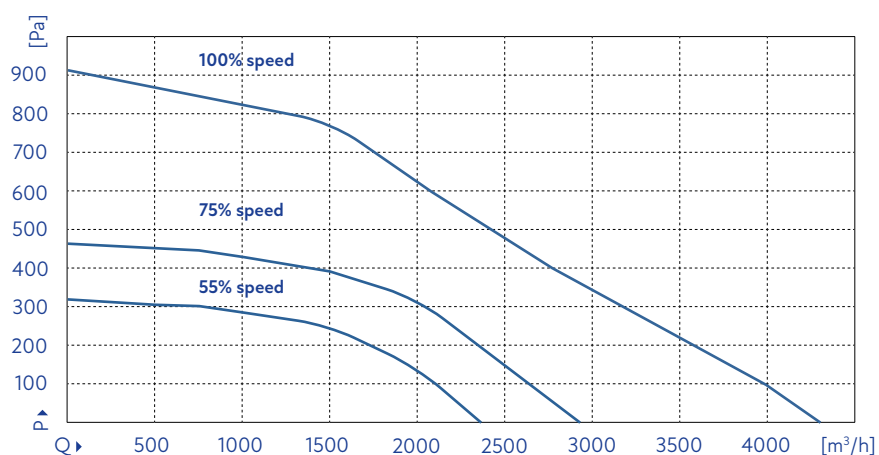
EC Backward Curved Centrifugal Fan



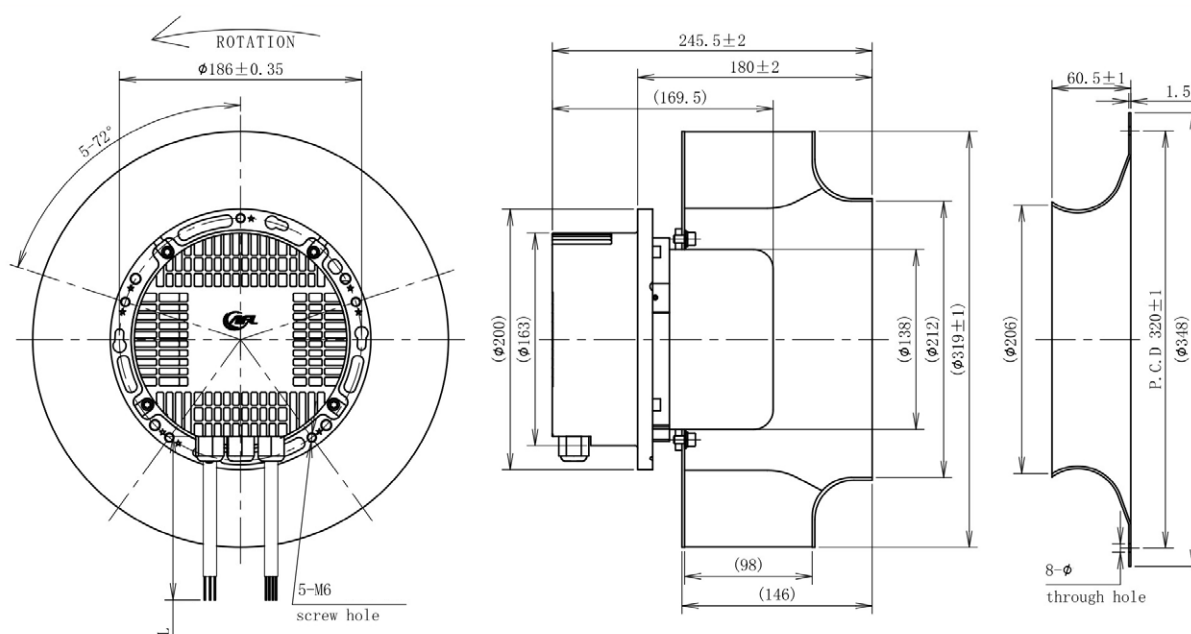
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.4 A
Power input	730 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	85 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC137-018

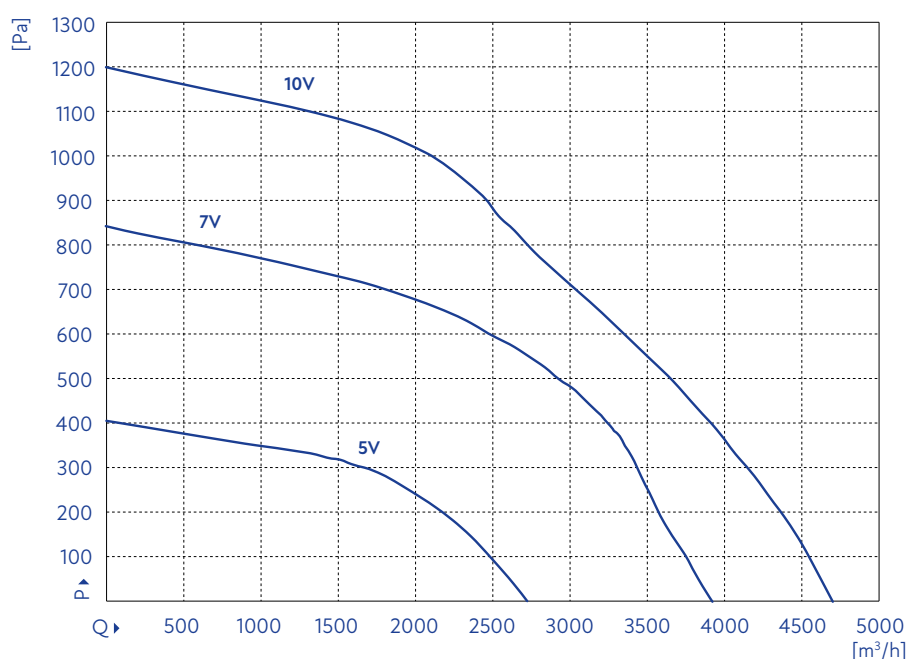
EC Backward Curved Centrifugal Fan



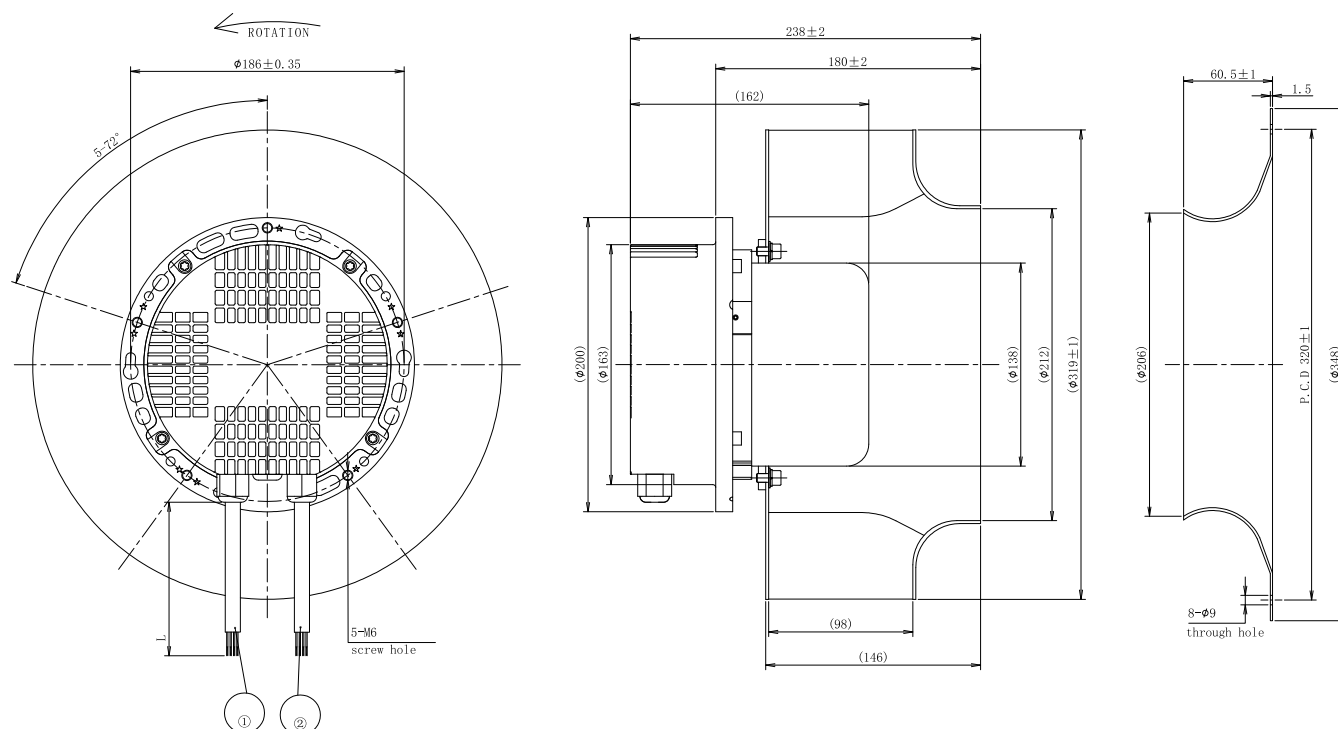
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.9 A
Power input	1100 W
Speed	2900 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	83 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC137-900

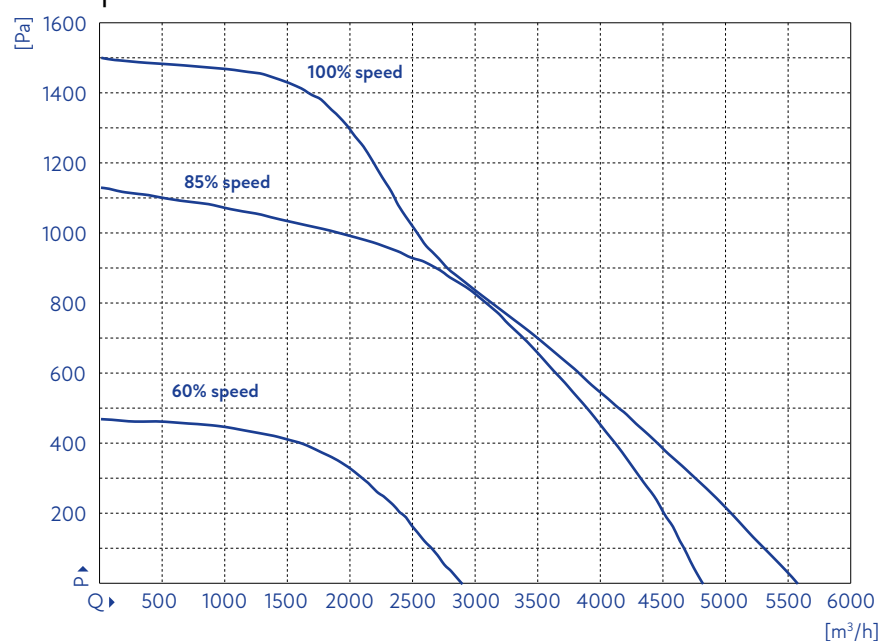
EC Backward Curved Centrifugal Fan



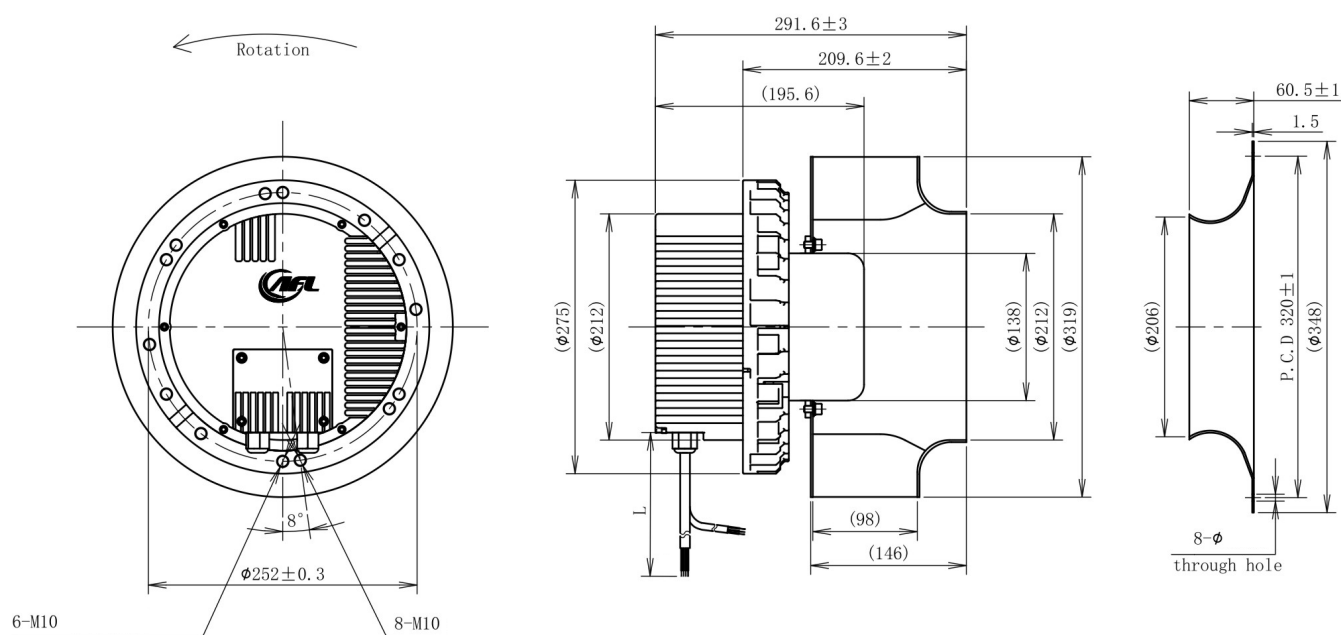
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.6 A
Power input	1600 W
Speed	3300 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	92 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

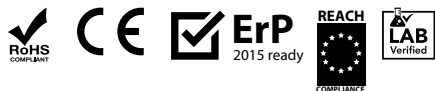


## Product drawing



# Model No. B3P355-EC092-001

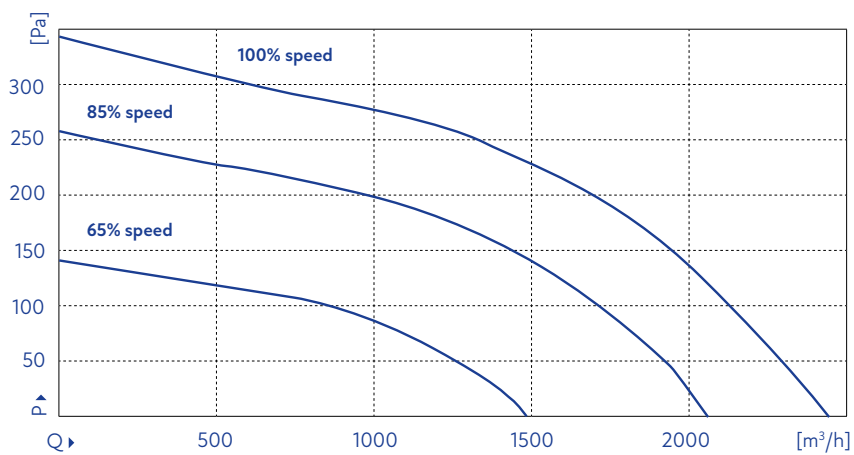
EC Backward Curved Centrifugal Fan



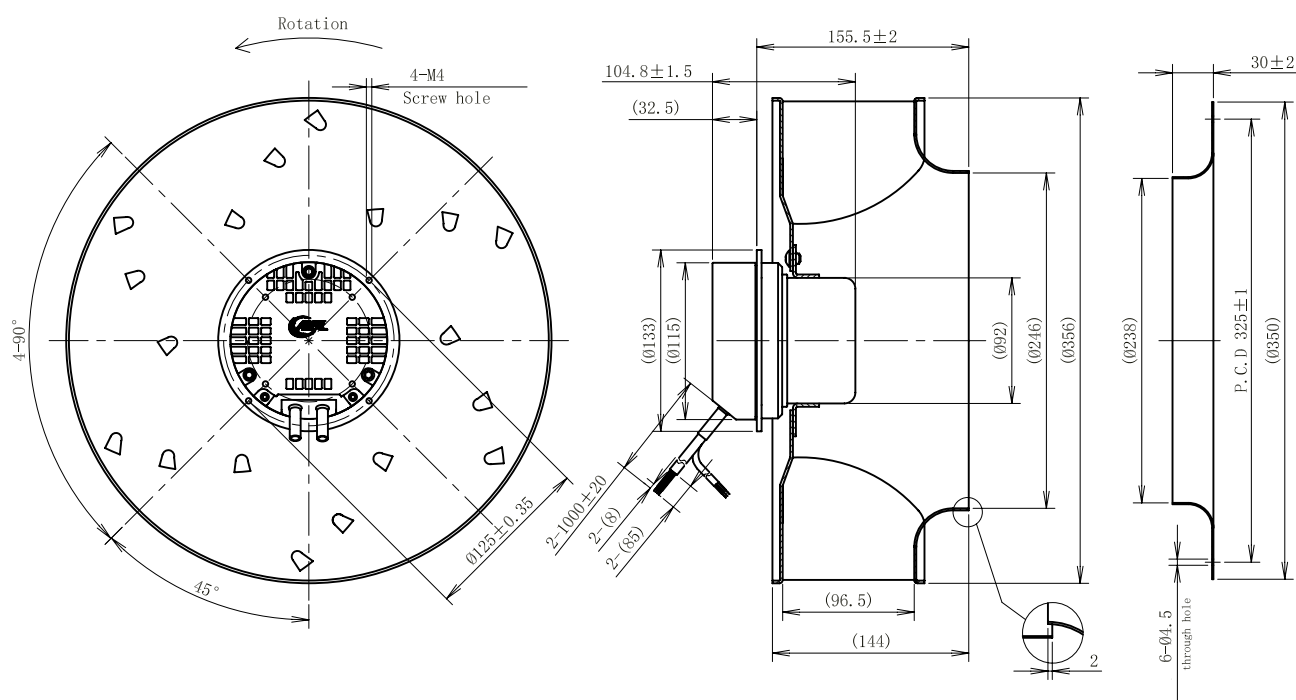
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.9 A
Power input	120 W
Speed	1400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC102-100

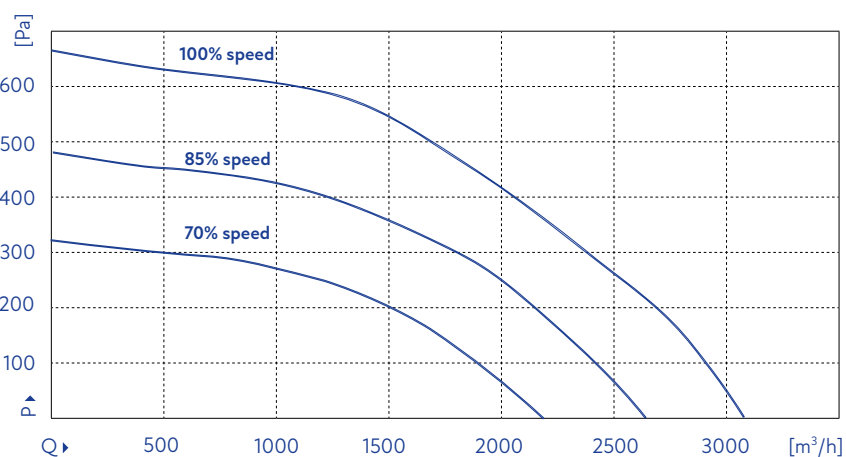
EC Backward Curved Centrifugal Fan



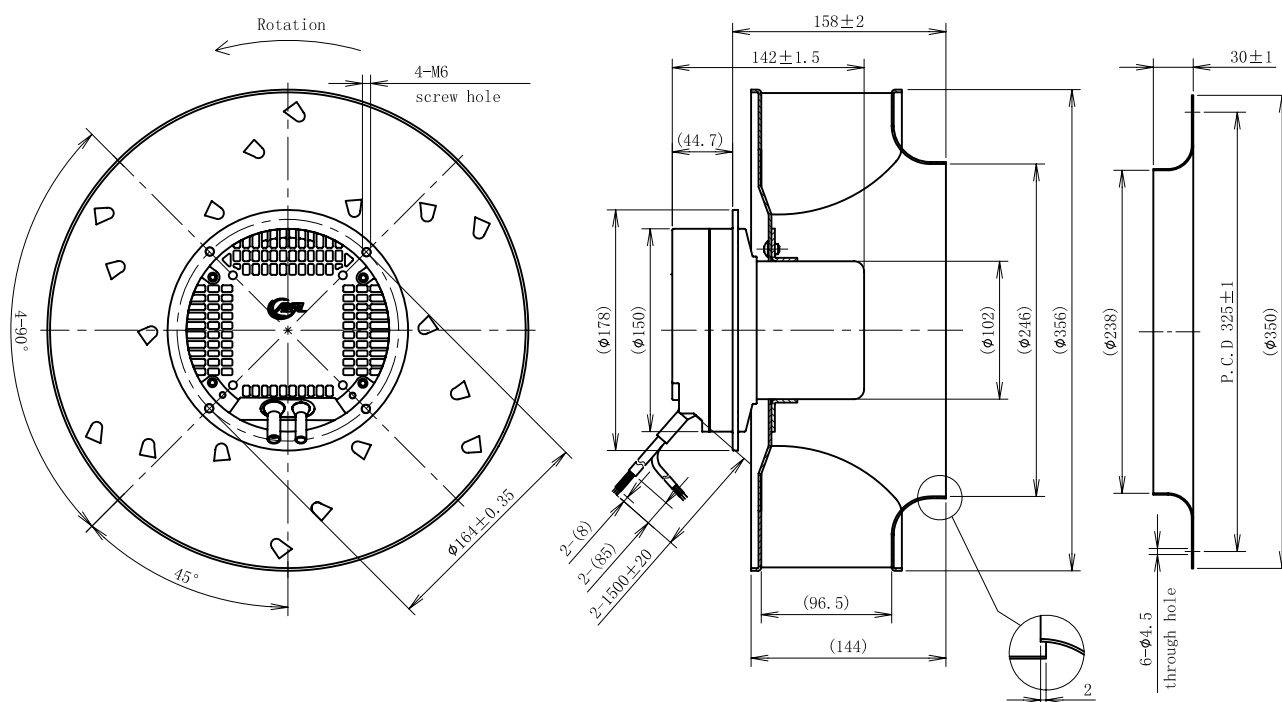
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.5 A
Power input	330 W
Speed	1900 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	79 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance

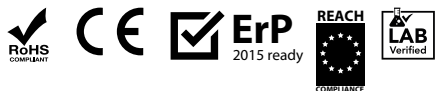


## Product drawing



# Model No. B3P355-EC102-001

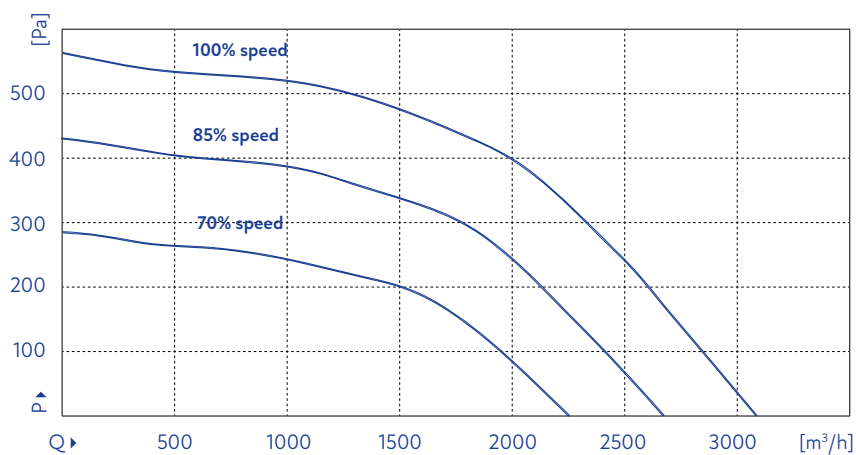
EC Backward Curved Centrifugal Fan



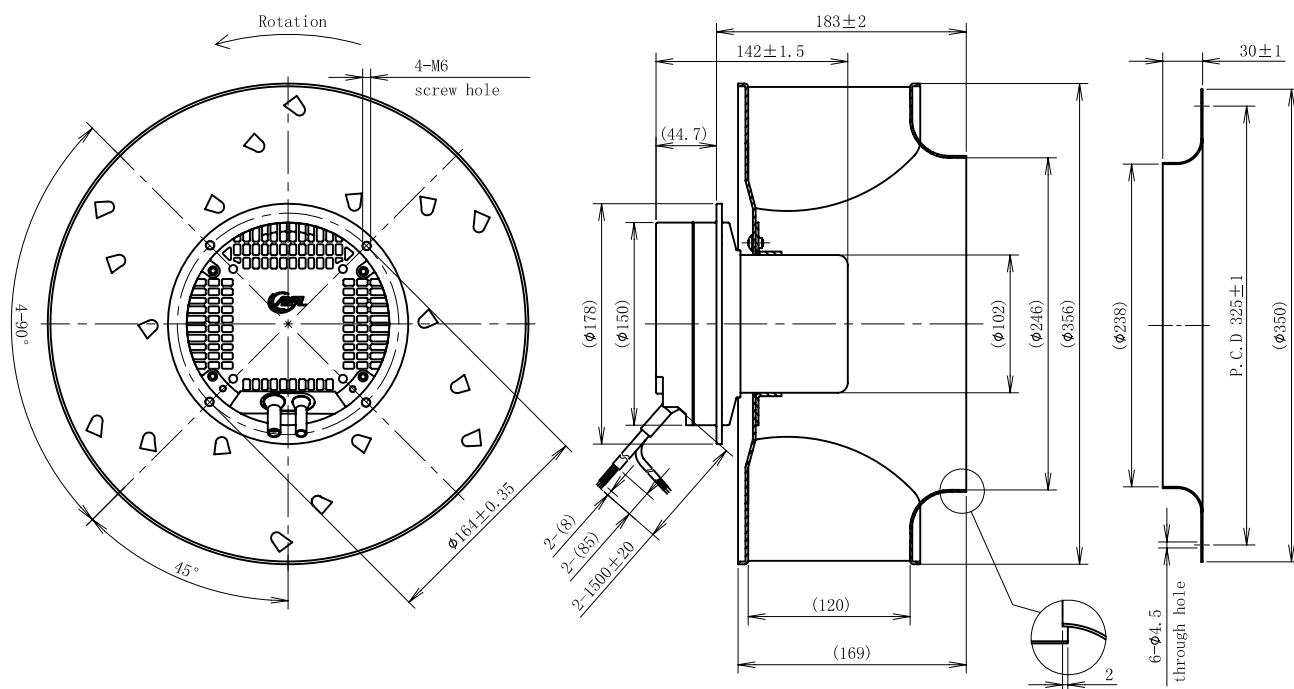
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.4 A
Power input	310 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC137-100

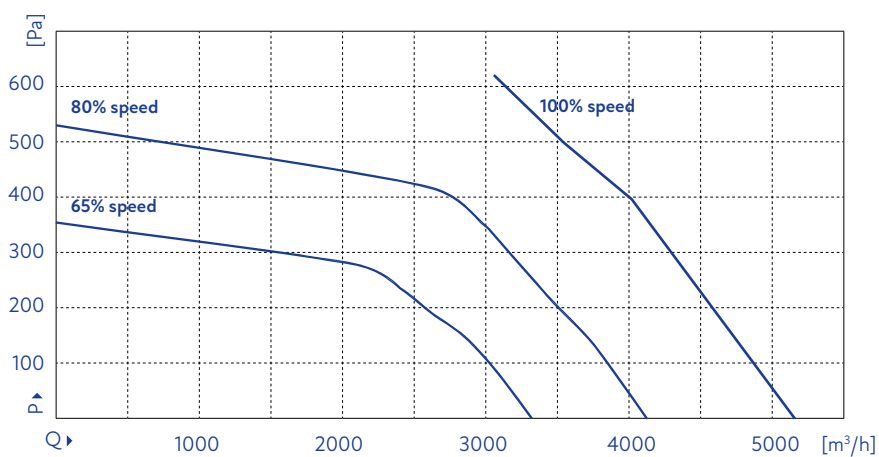
EC Backward Curved Centrifugal Fan



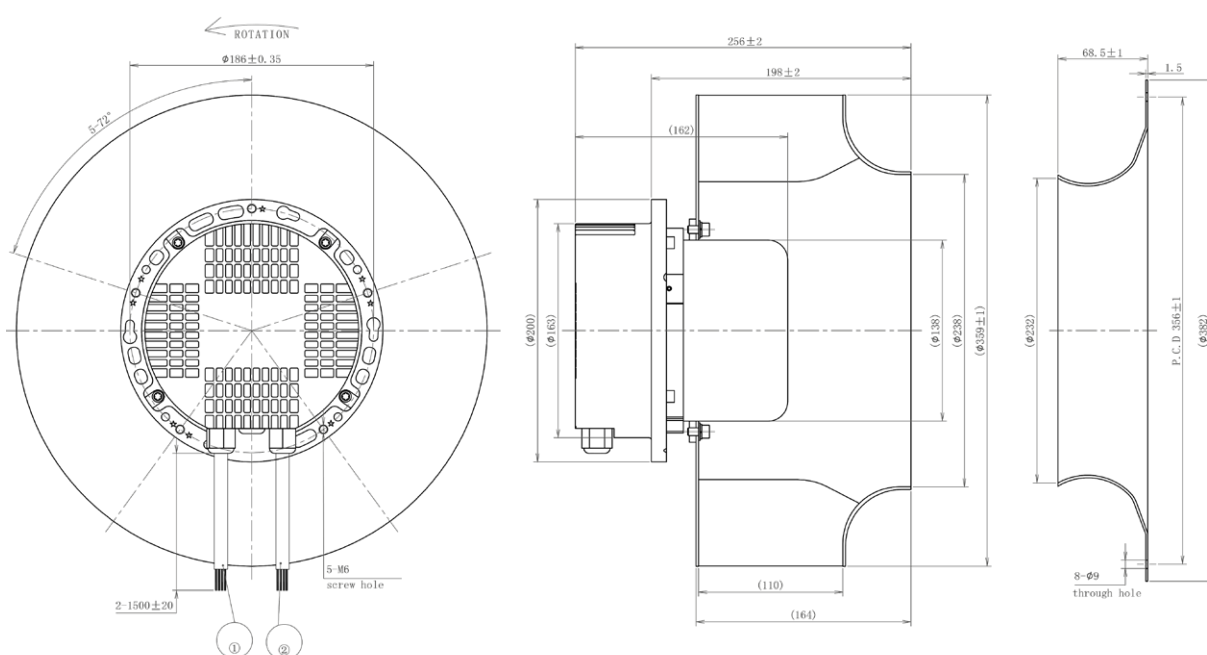
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.63 A
Power input	990 W
Speed	2100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	79 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P355-EC137-200

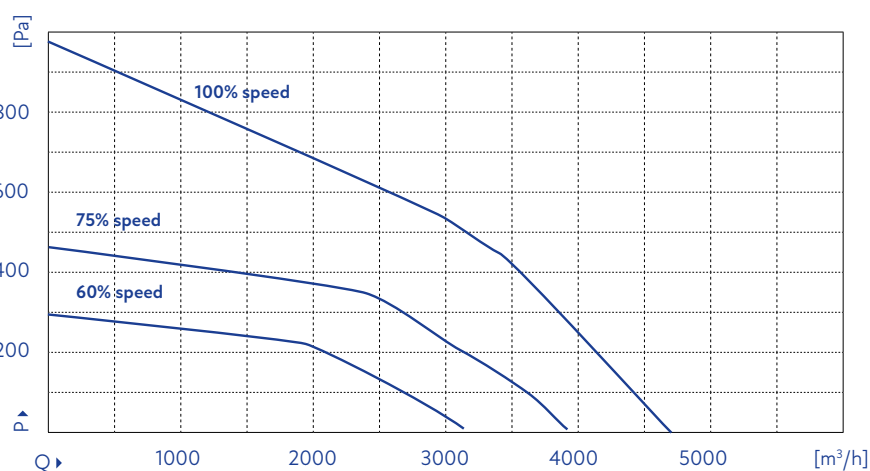
EC Backward Curved Centrifugal Fan



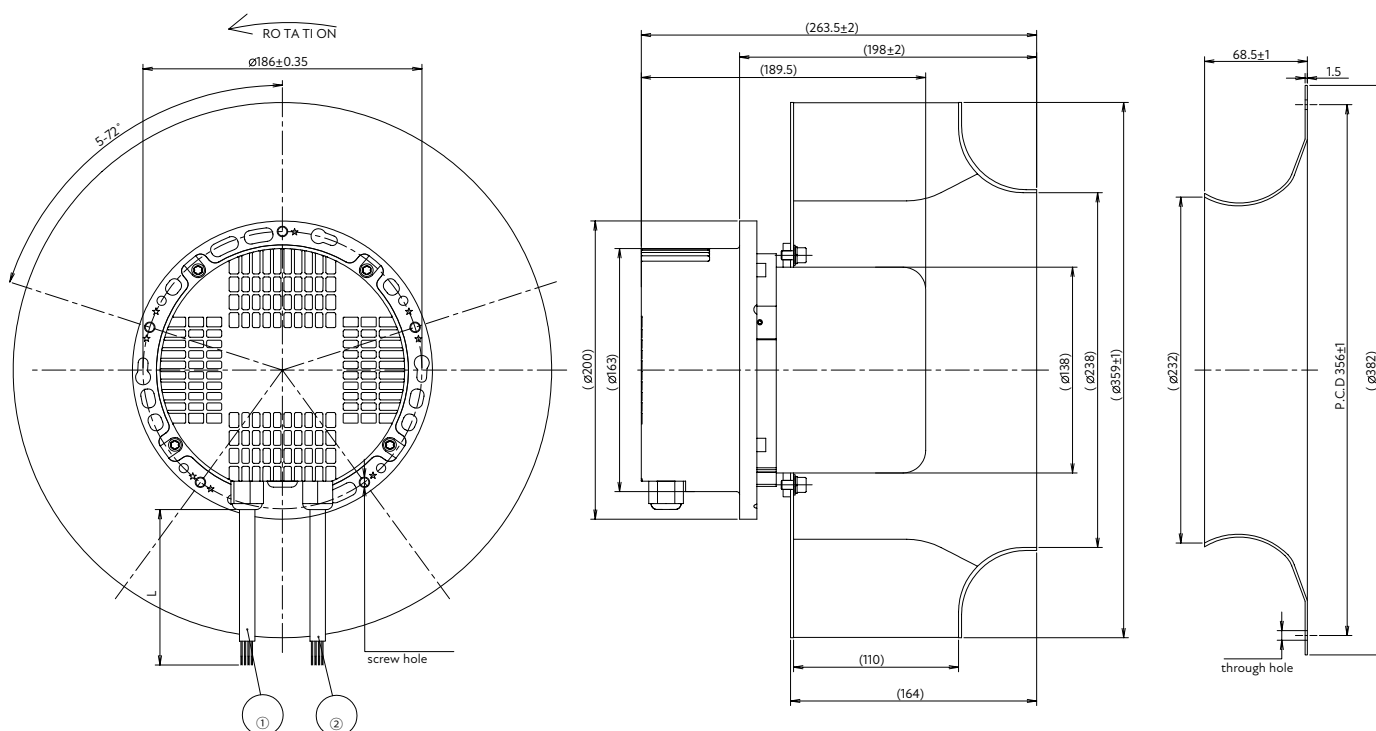
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.46 A
Power input	725 W
Speed	2100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	94 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC137-900

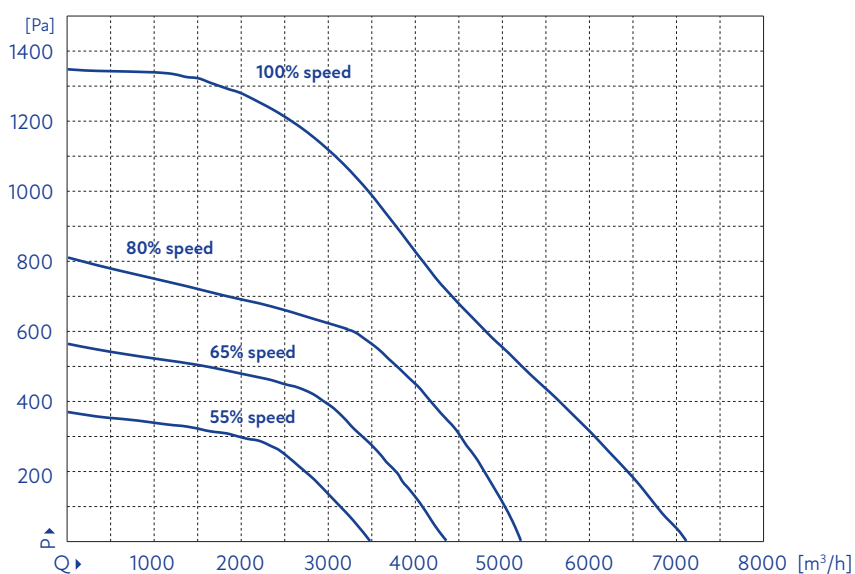
EC Backward Curved Centrifugal Fan



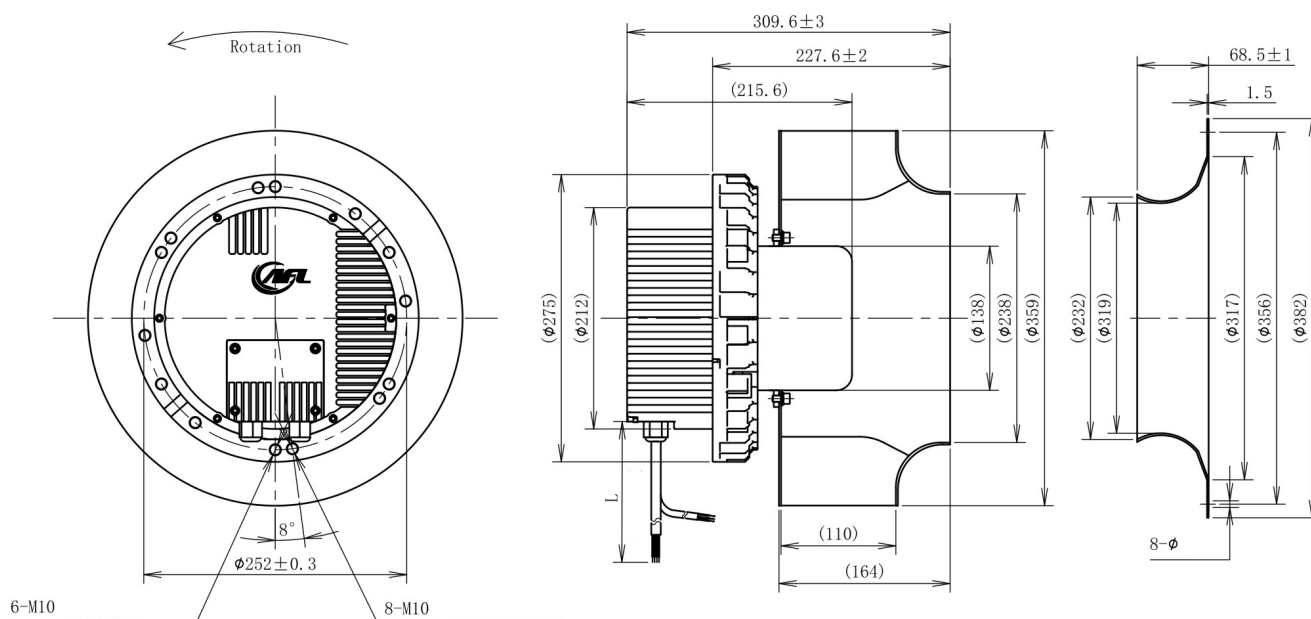
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.8 A
Power input	1700 W
Speed	2700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

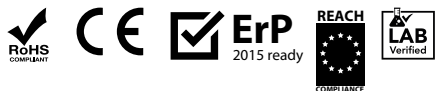


## Product drawing



# Model No. B3P355-EC188-001

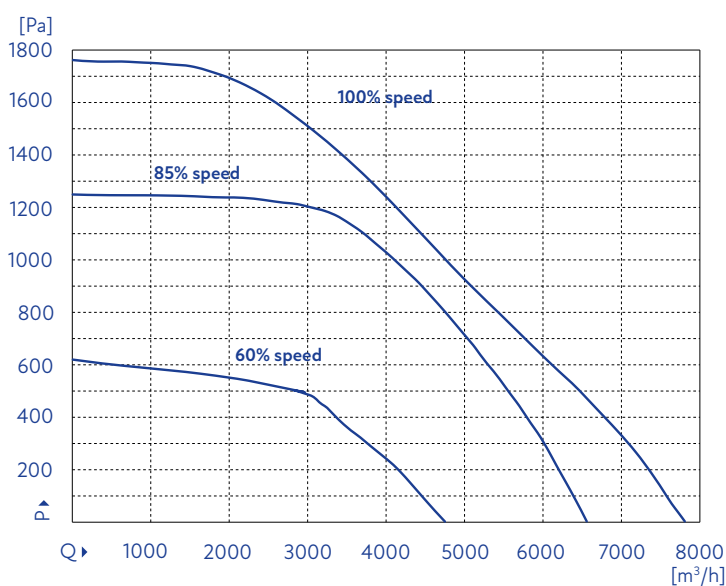
EC Backward Curved Centrifugal Fan



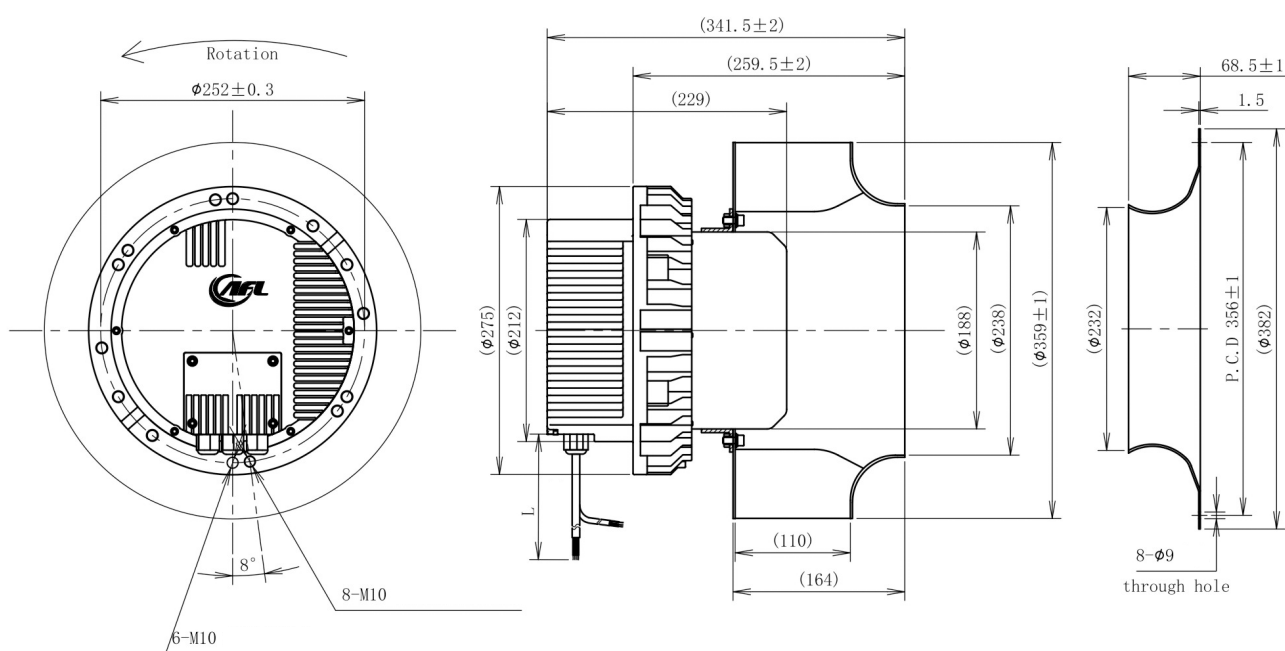
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.2 A
Power input	2500 W
Speed	3200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	96 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

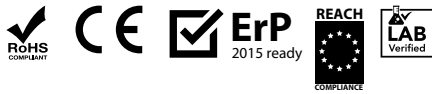


## Product drawing



# Model No. B3P355-EC188-017

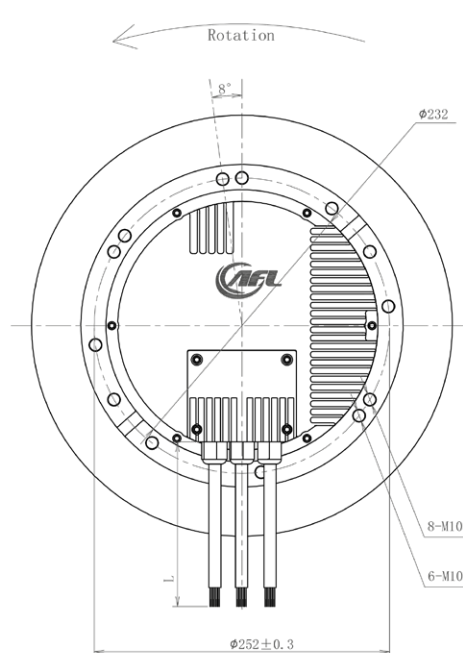
EC Backward Curved Centrifugal Fan



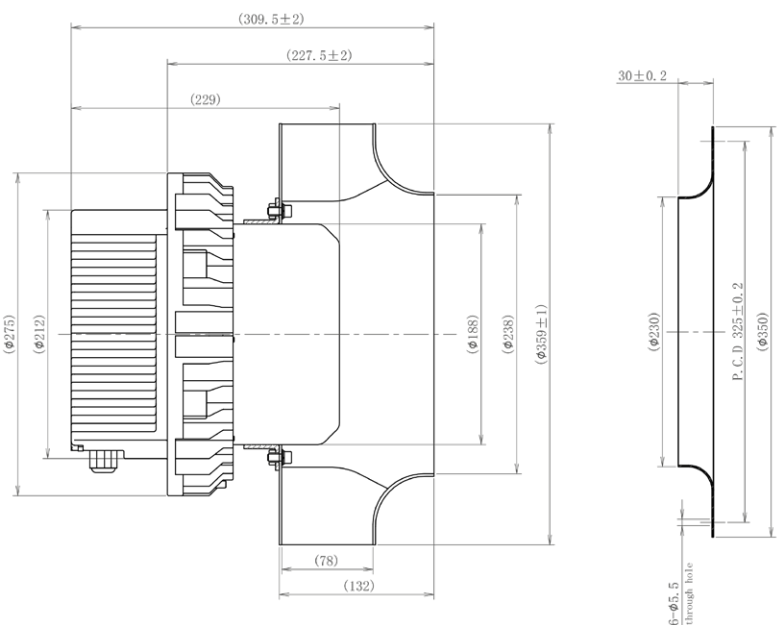
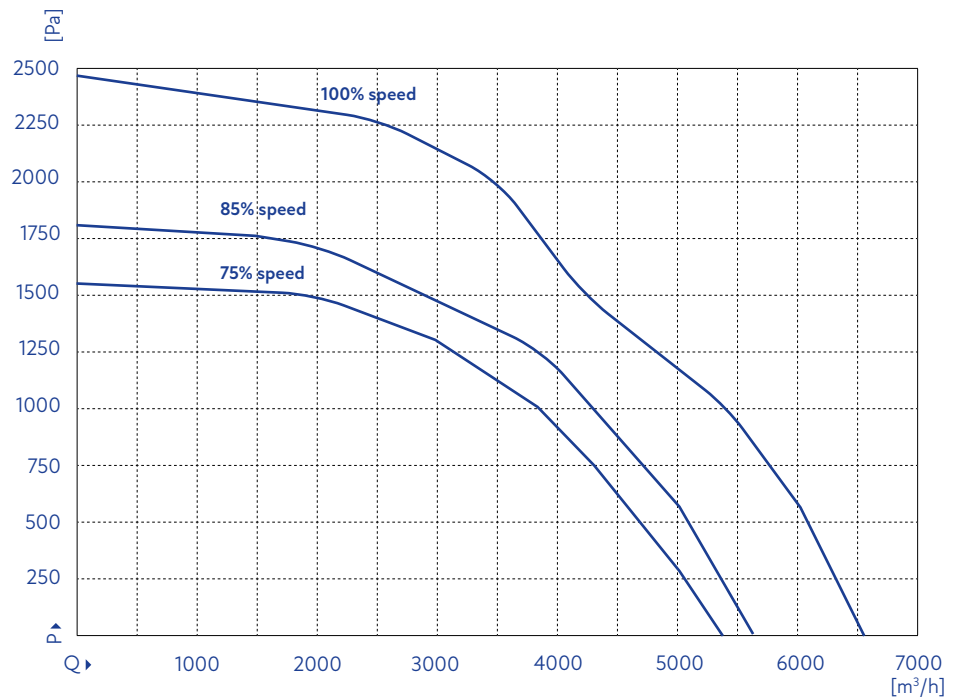
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	5.2 A
Power input	3100 W
Speed	3800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	96 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Product drawing



## Air performance



# Model No. B3P400-EC102-100

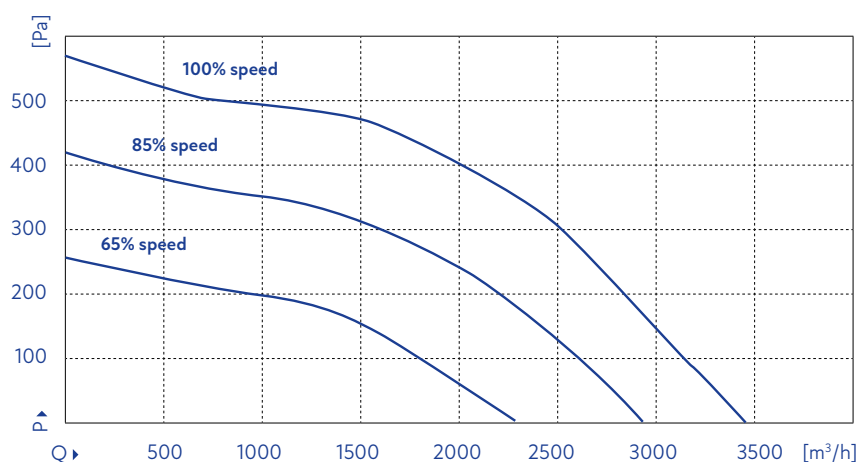
EC Backward Curved Centrifugal Fan



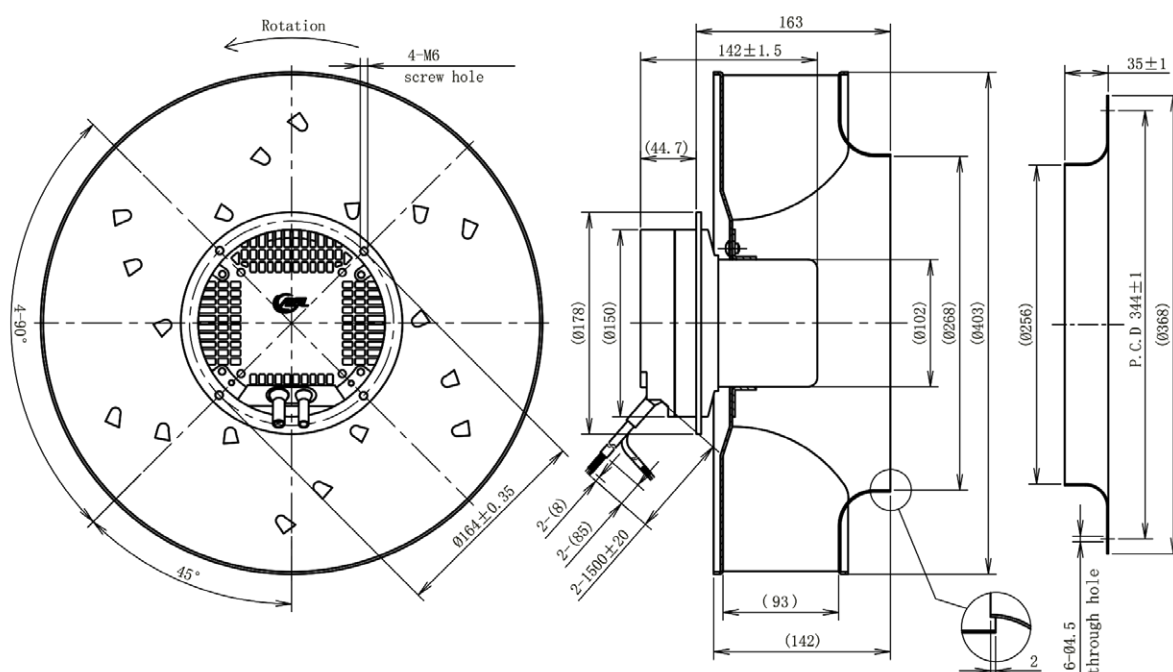
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.25 A
Power input	270 W
Speed	1500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	72 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance

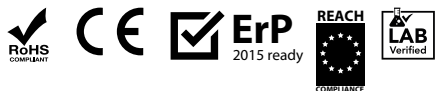


## Product drawing



# Model No. B3P400-EC102-001

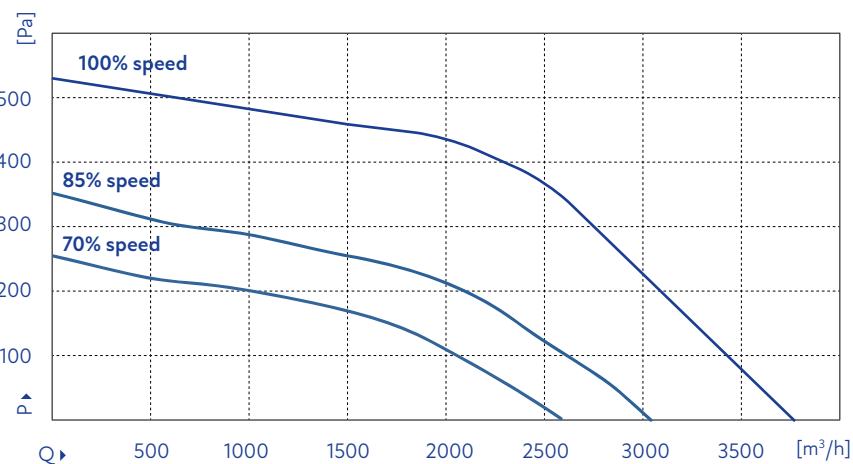
EC Backward Curved Centrifugal Fan



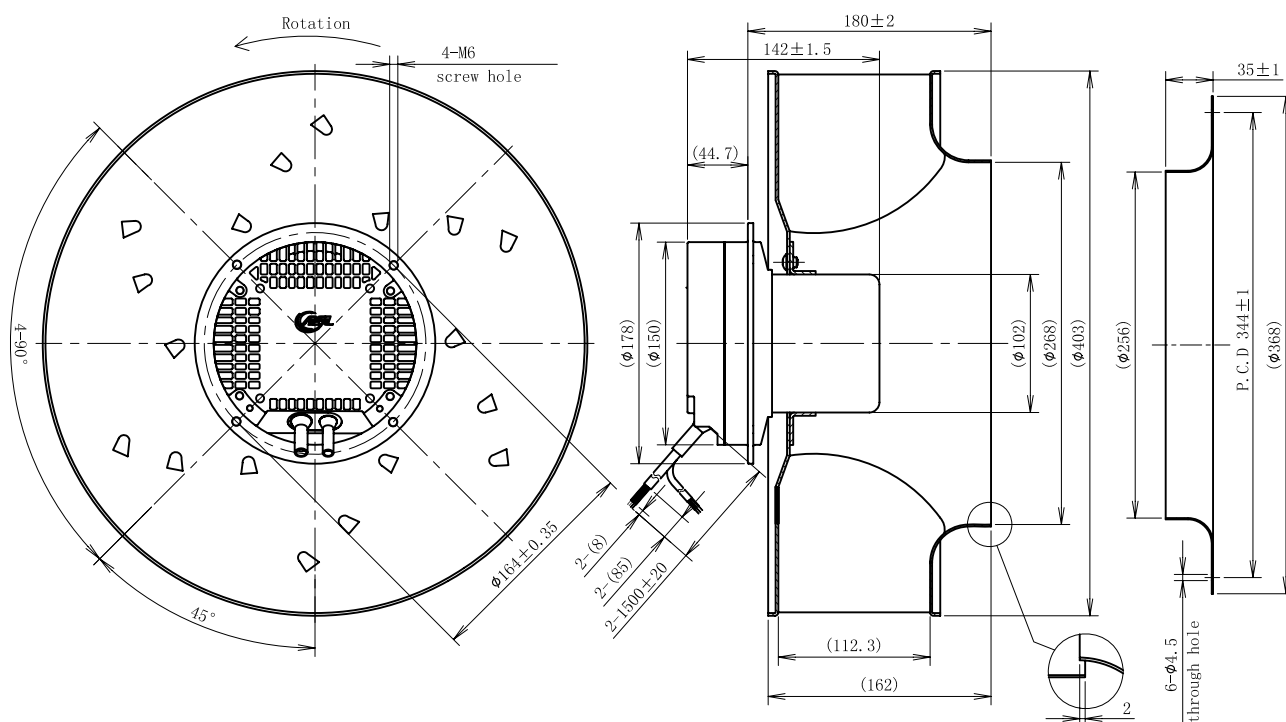
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.5 A
Power input	330 W
Speed	1430 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	70 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P400-EC137-100

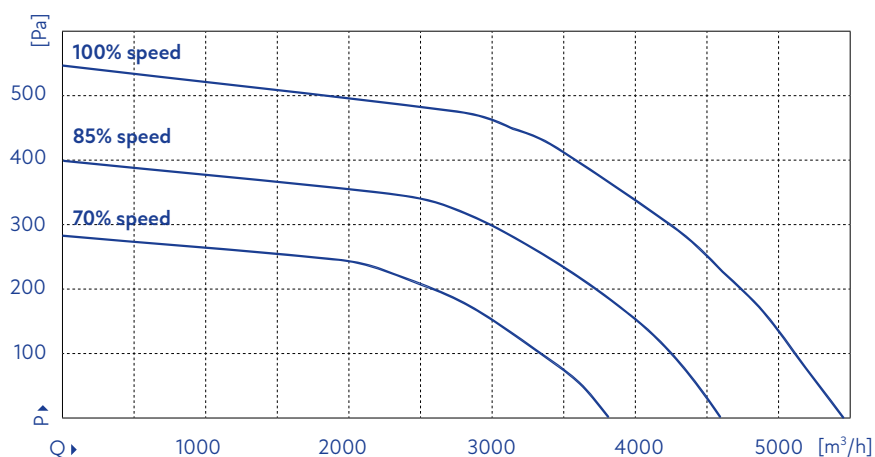
EC Backward Curved Centrifugal Fan



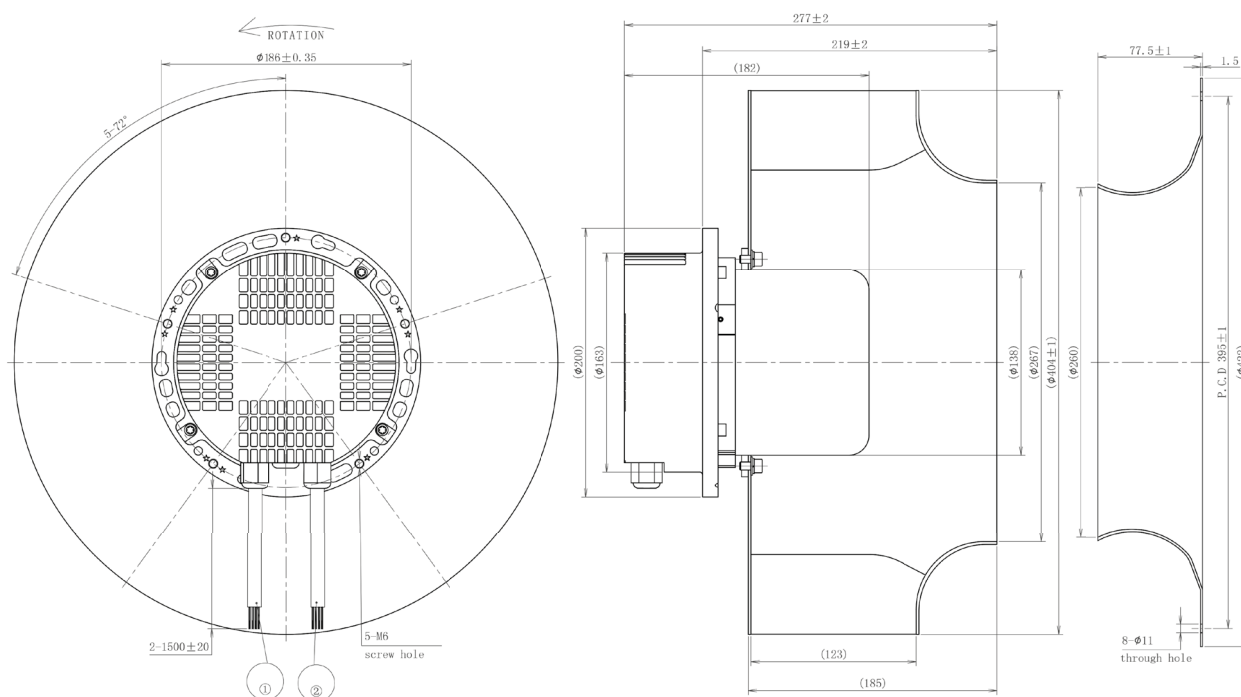
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.22 A
Power input	725 W
Speed	1550 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P400-EC137-200

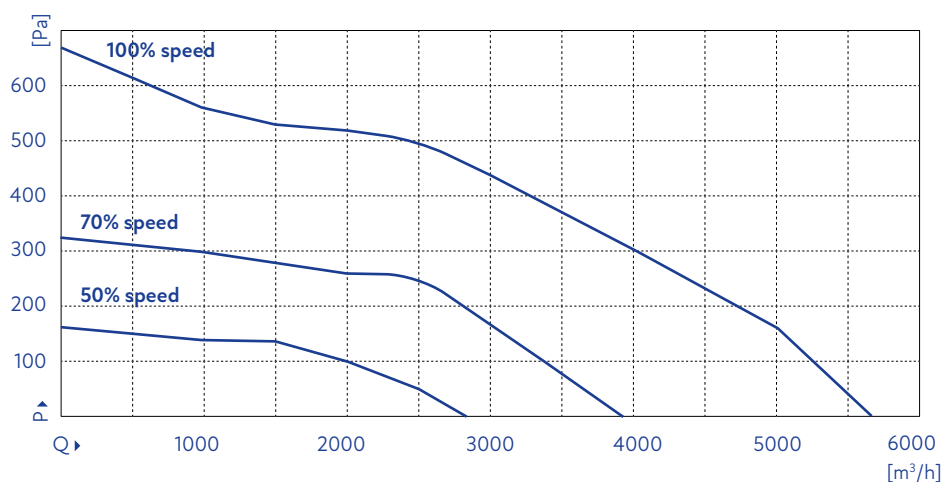
EC Backward Curved Centrifugal Fan



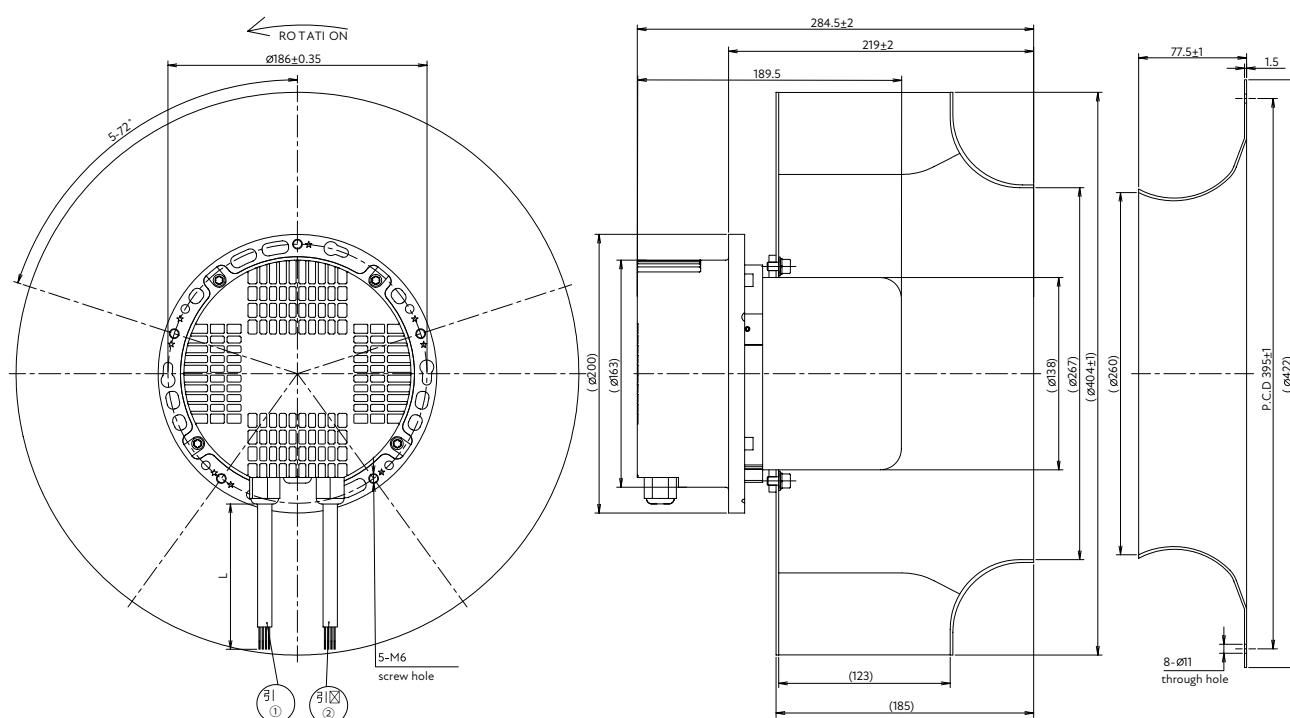
## Technical data

Supply	230VAC
Frequency	50/60 Hz
Current draw	3.4 A
Power input	725 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	80 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P400-EC137-900

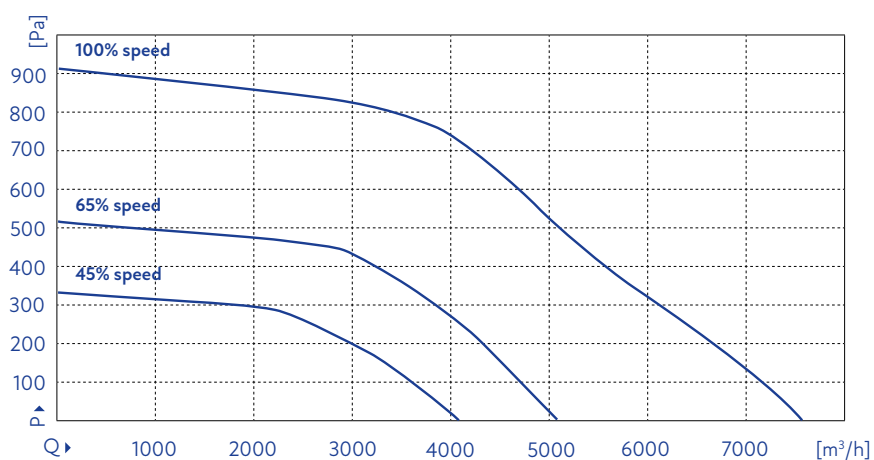
EC Backward Curved Centrifugal Fan



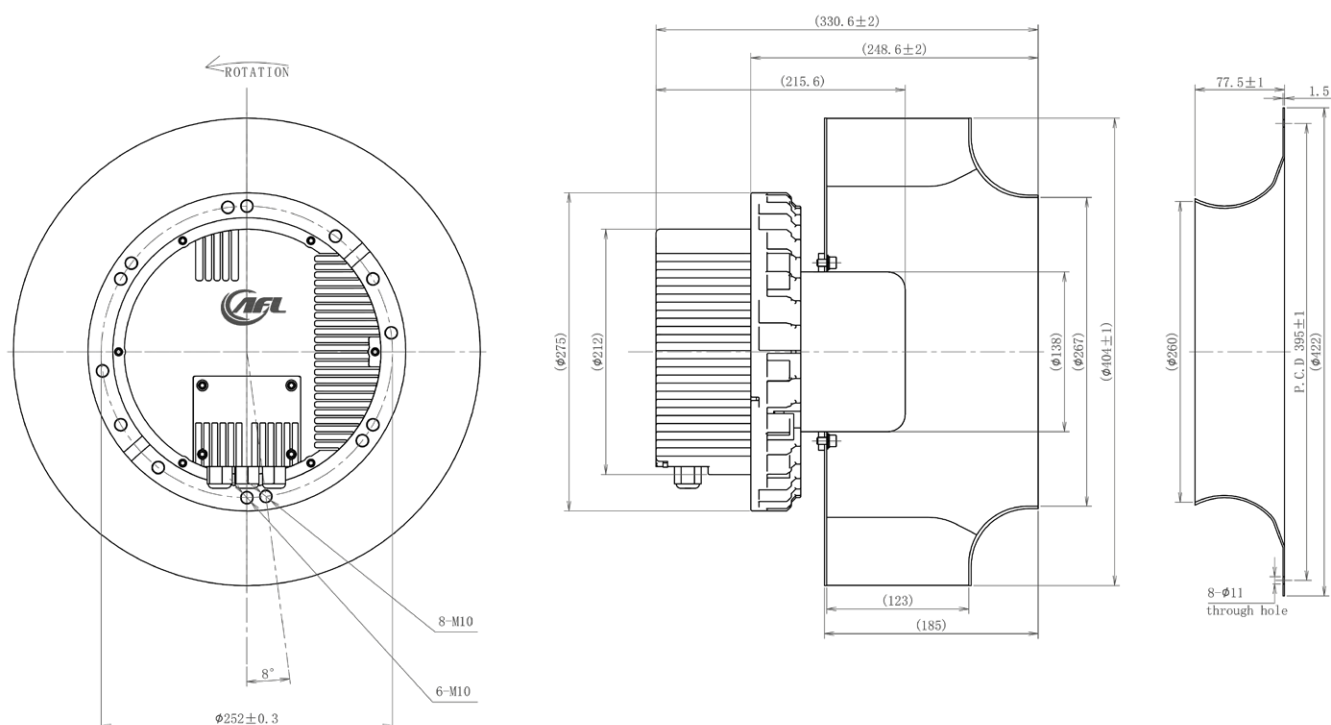
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.9 A
Power input	1700 W
Speed	2250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	87 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P400-EC188-001

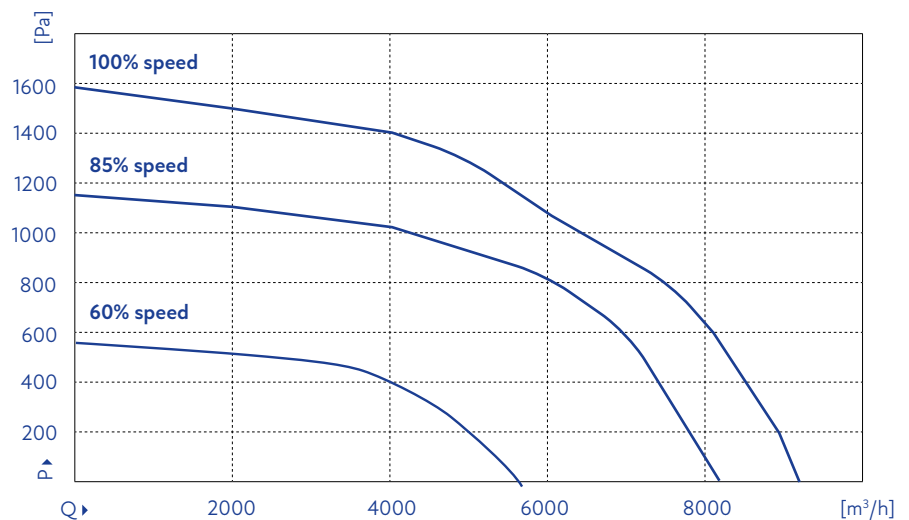
EC Backward Curved Centrifugal Fan



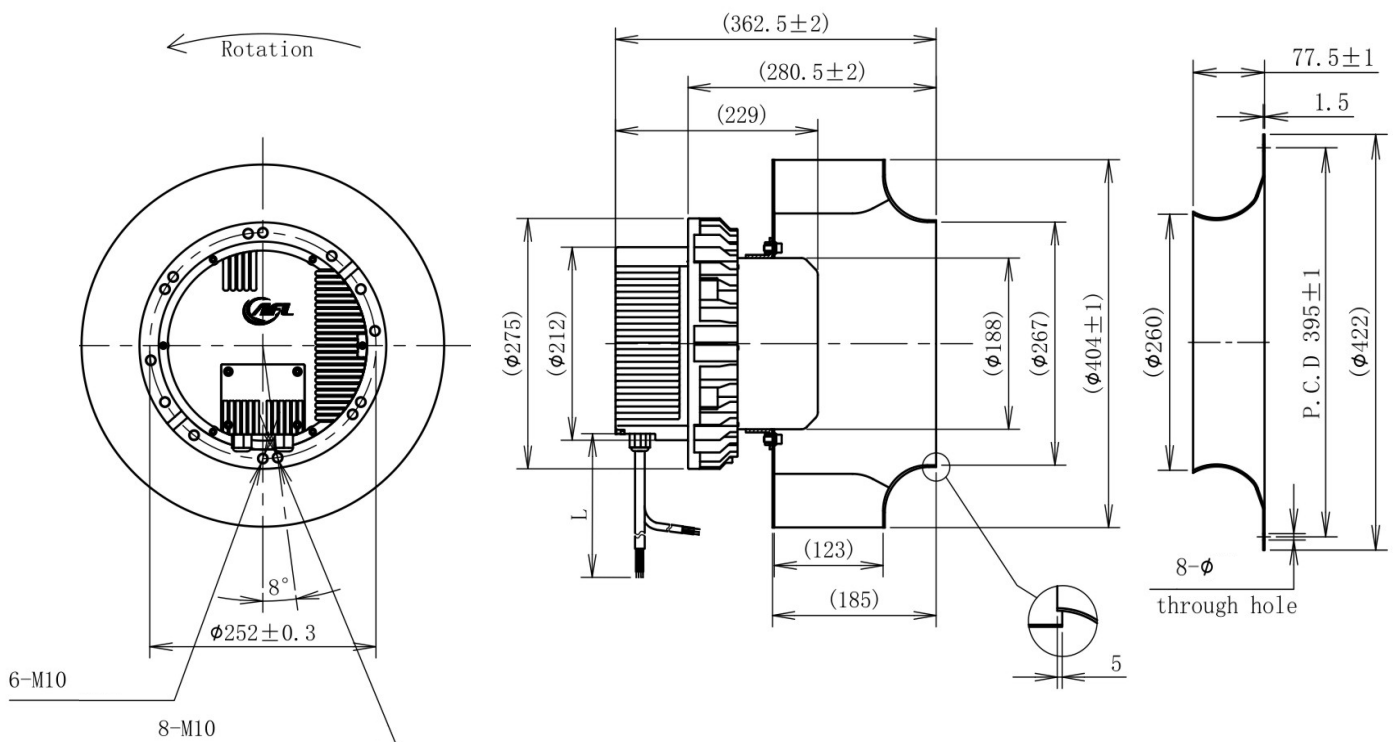
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.2 A
Power input	2500 W
Speed	2650 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P450-EC102-100

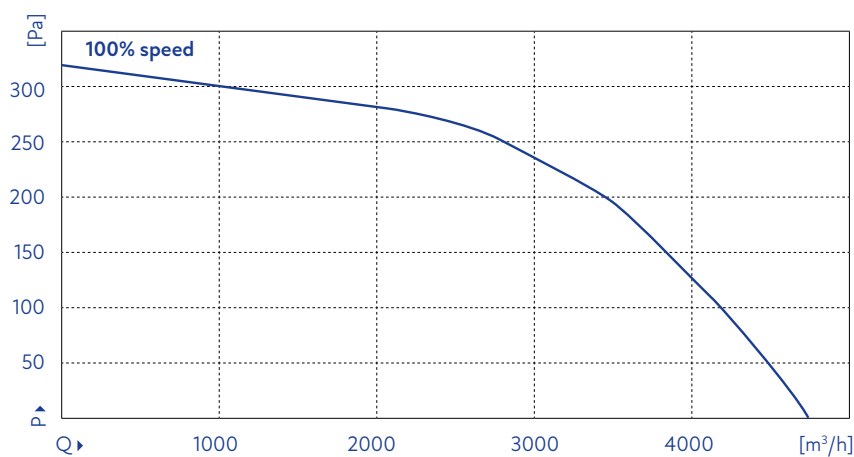
EC Backward Curved Centrifugal Fan



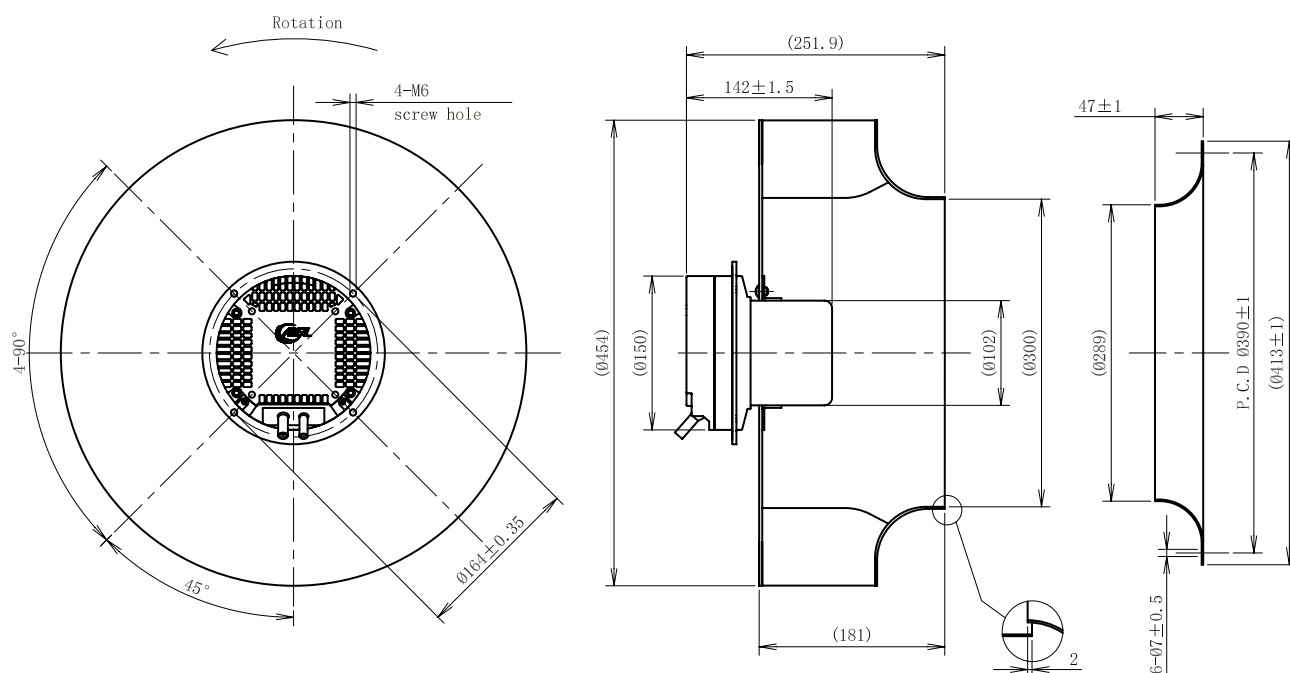
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.2 A
Power input	260 W
Speed	1100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	70 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance

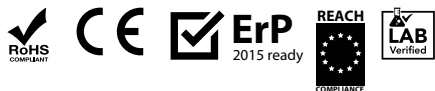


## Product drawing



# Model No. B3P450-EC137-100

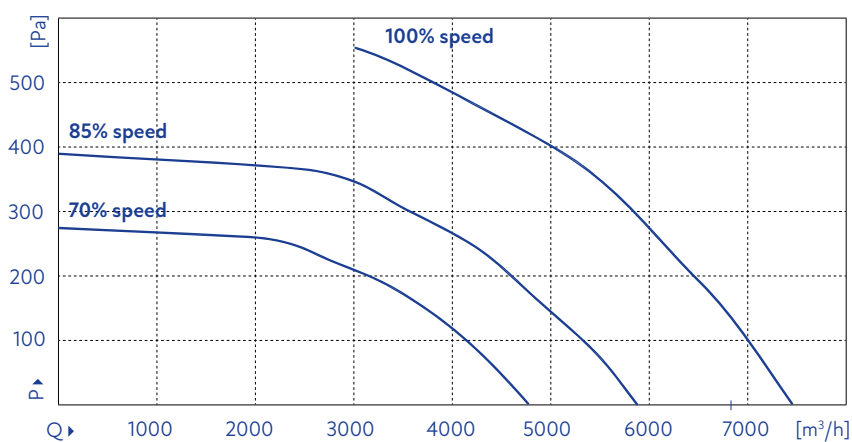
EC Backward Curved Centrifugal Fan



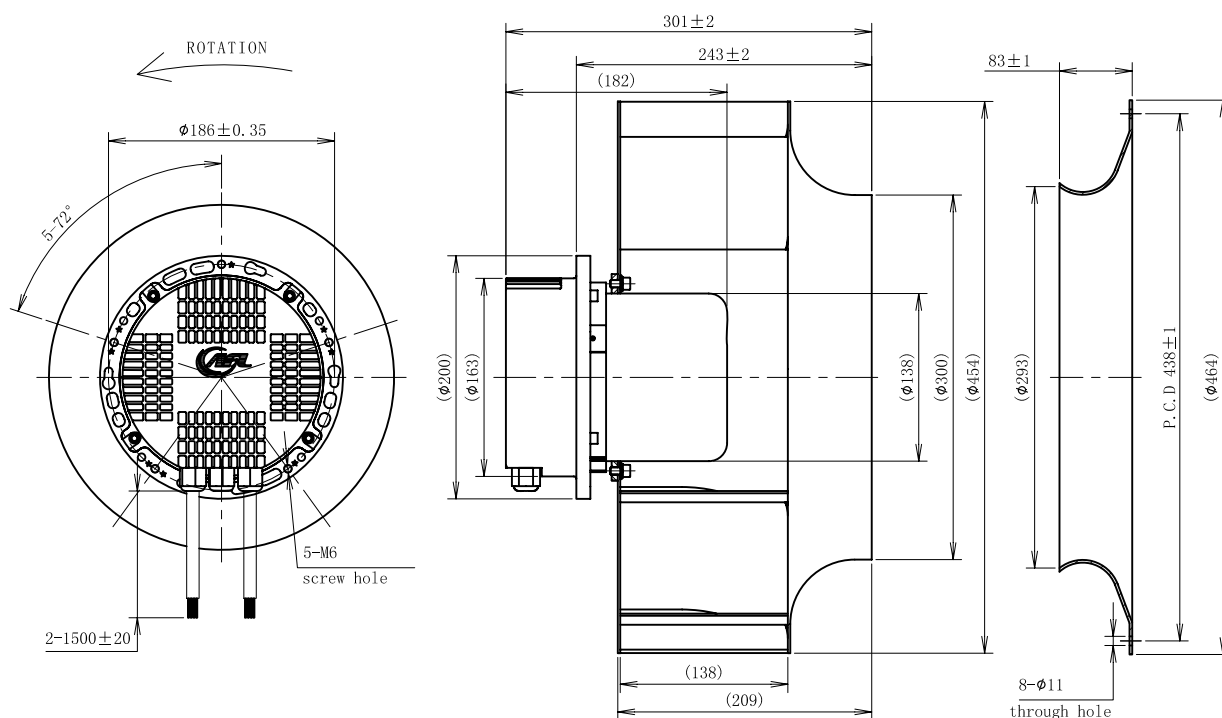
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.67 A
Power input	1000 W
Speed	1450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

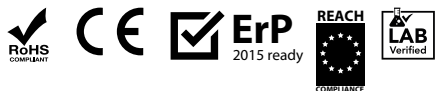


## Product drawing



# Model No. B3P450-EC137-200

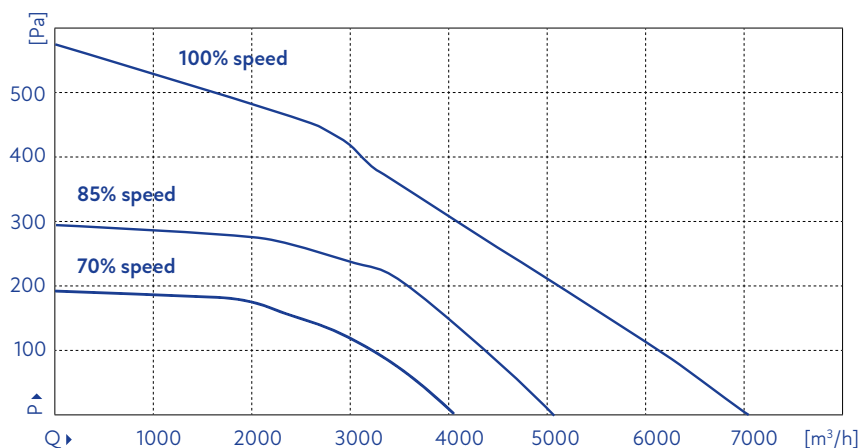
EC Backward Curved Centrifugal Fan



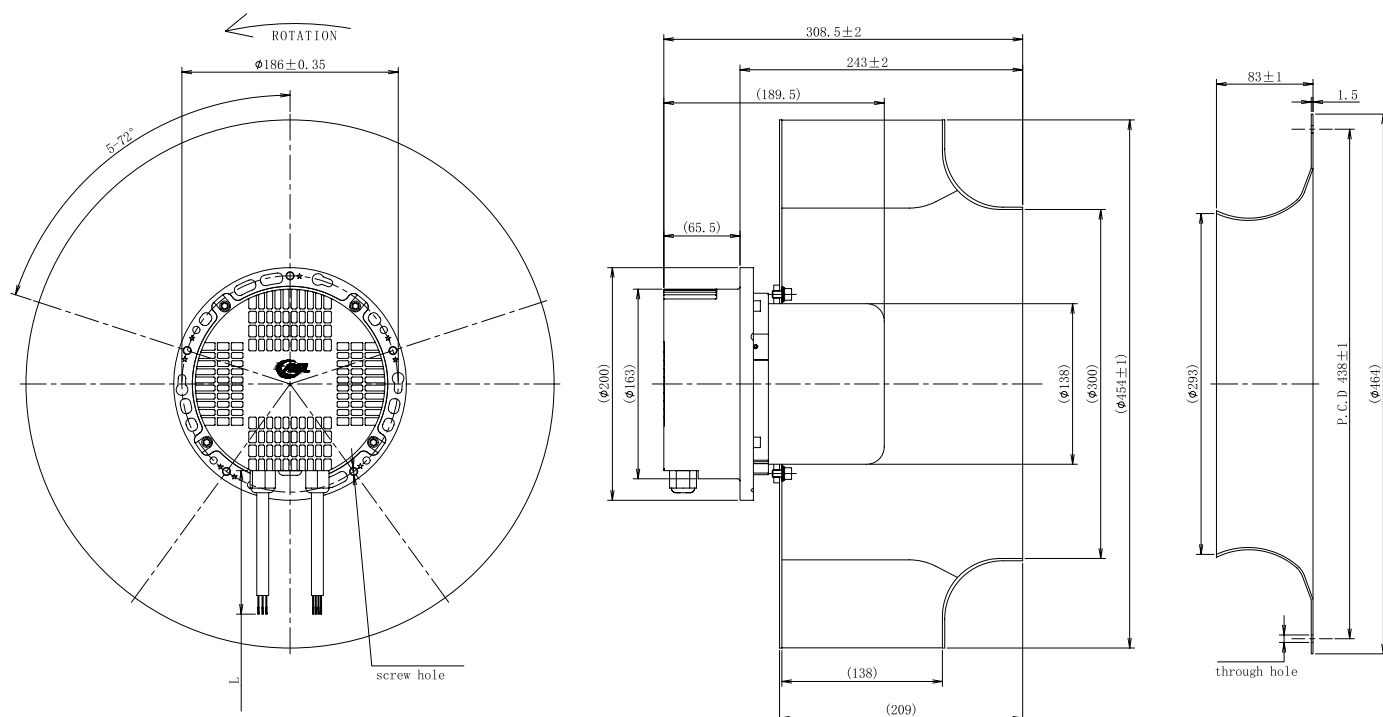
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.3 A
Power input	700 W
Speed	1450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

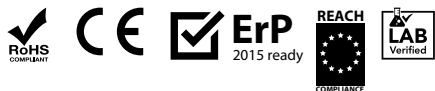


## Product drawing



# Model No. B3P450-EC137-900

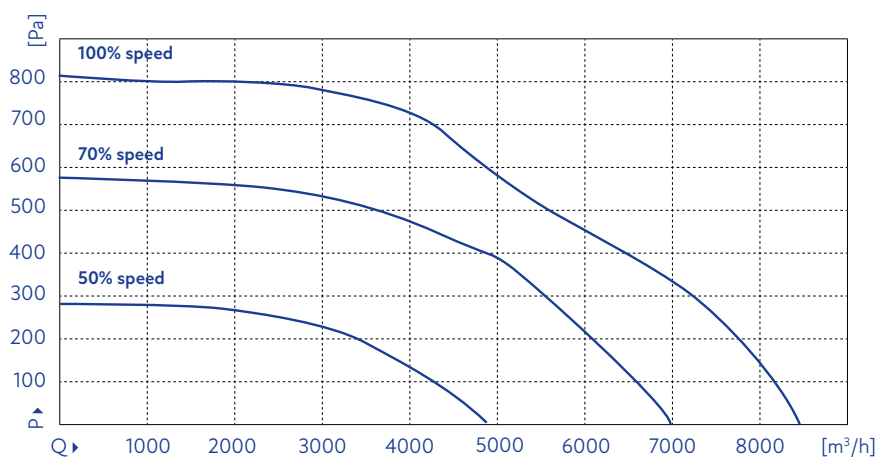
EC Backward Curved Centrifugal Fan



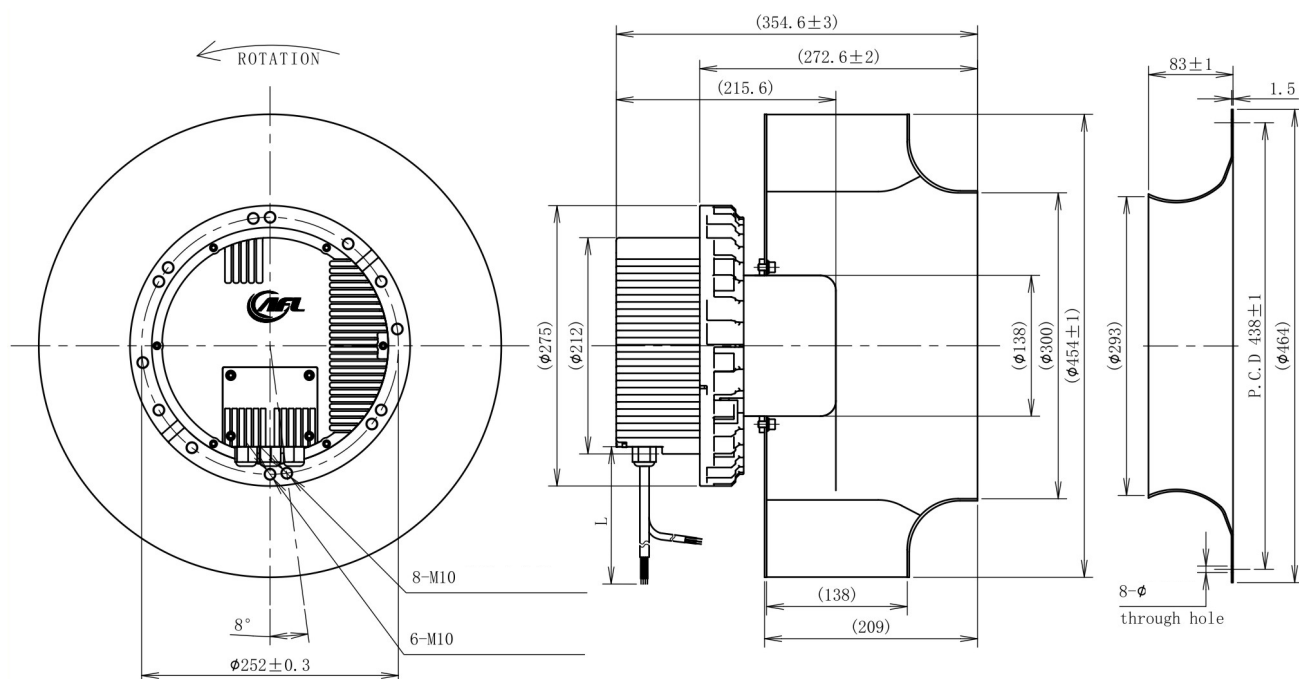
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.15 A
Power input	1250 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P450-EC188-020

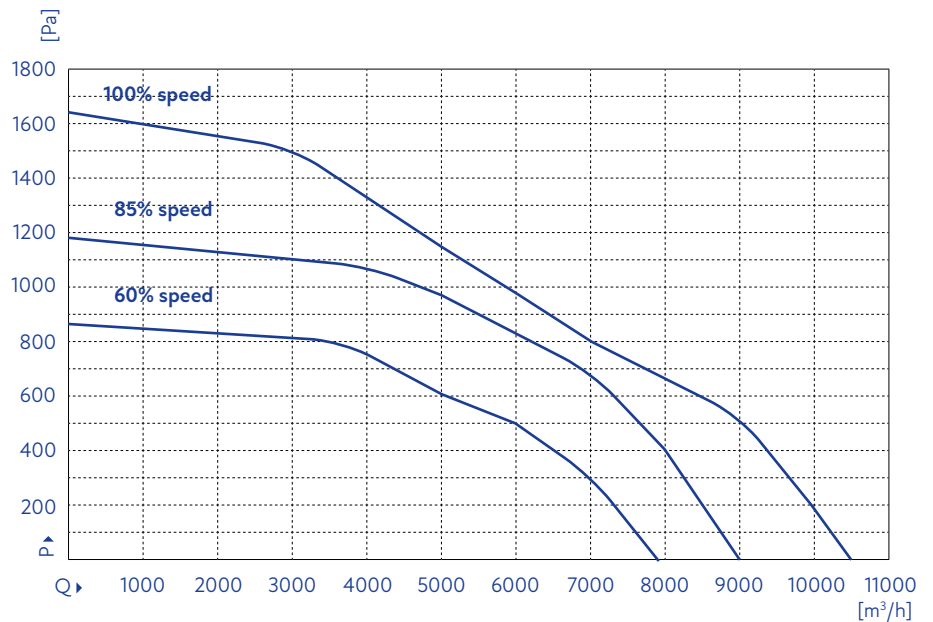
EC Backward Curved Centrifugal Fan



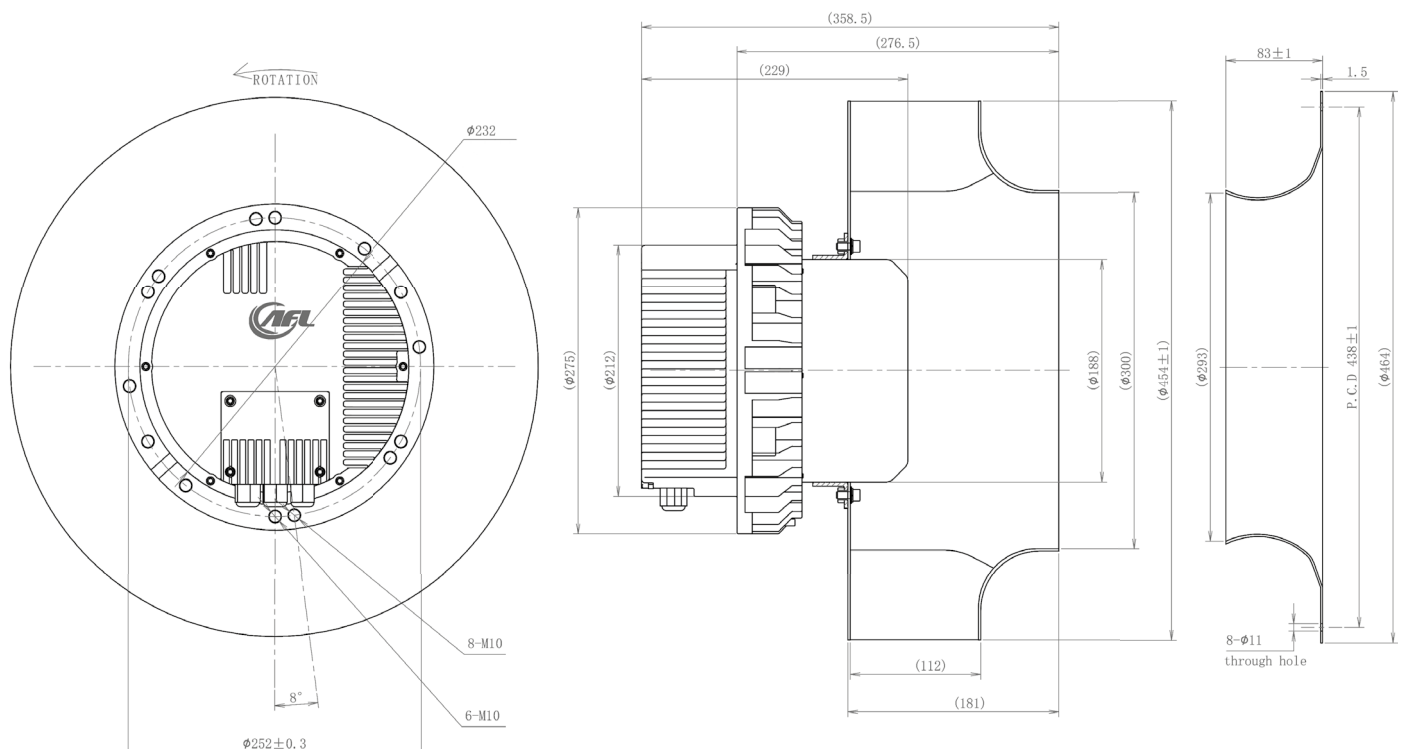
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.0 A
Power input	2400 W
Speed	2400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	92 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

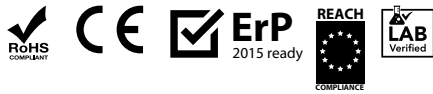


## Product drawing



# Model No. B3P450-EC188-920

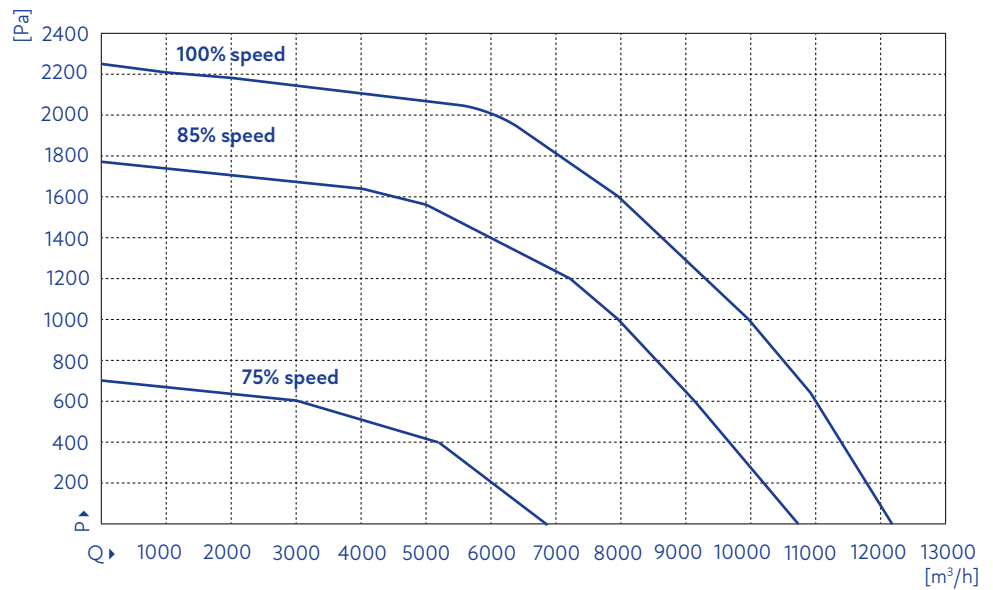
EC Backward Curved Centrifugal Fan



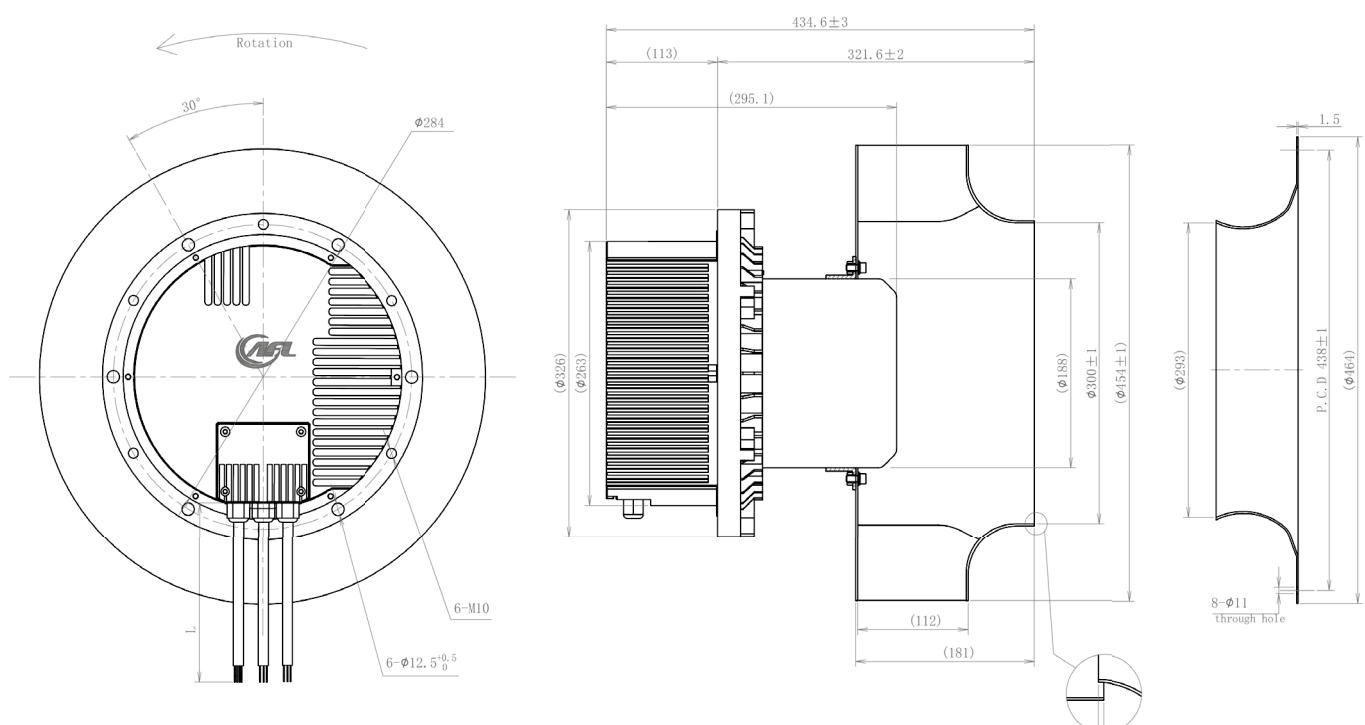
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	8.0 A
Power input	4600 W
Speed	2800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	96 dB
Degree of protection	IP44
Working temperature	-30 ~ +40 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



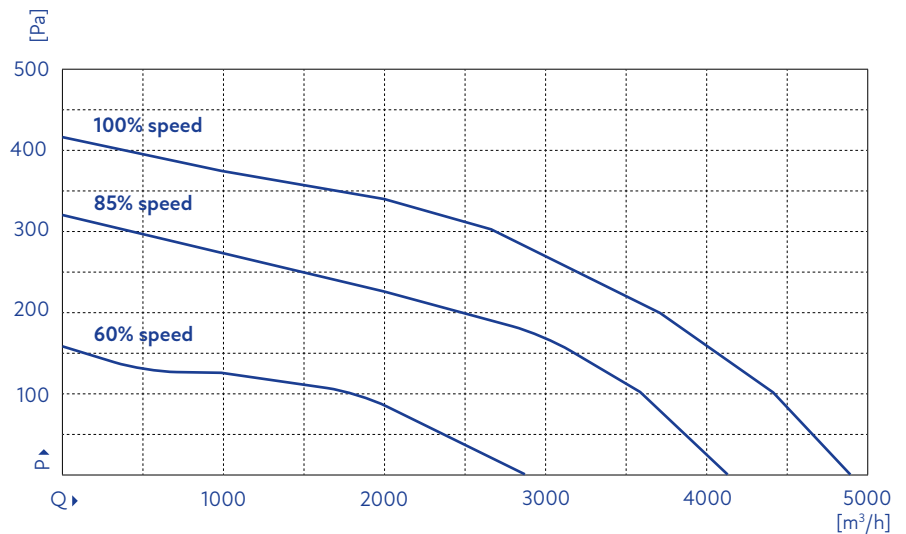
## EC Single Inlet Forward Curved Centrifugal Fan



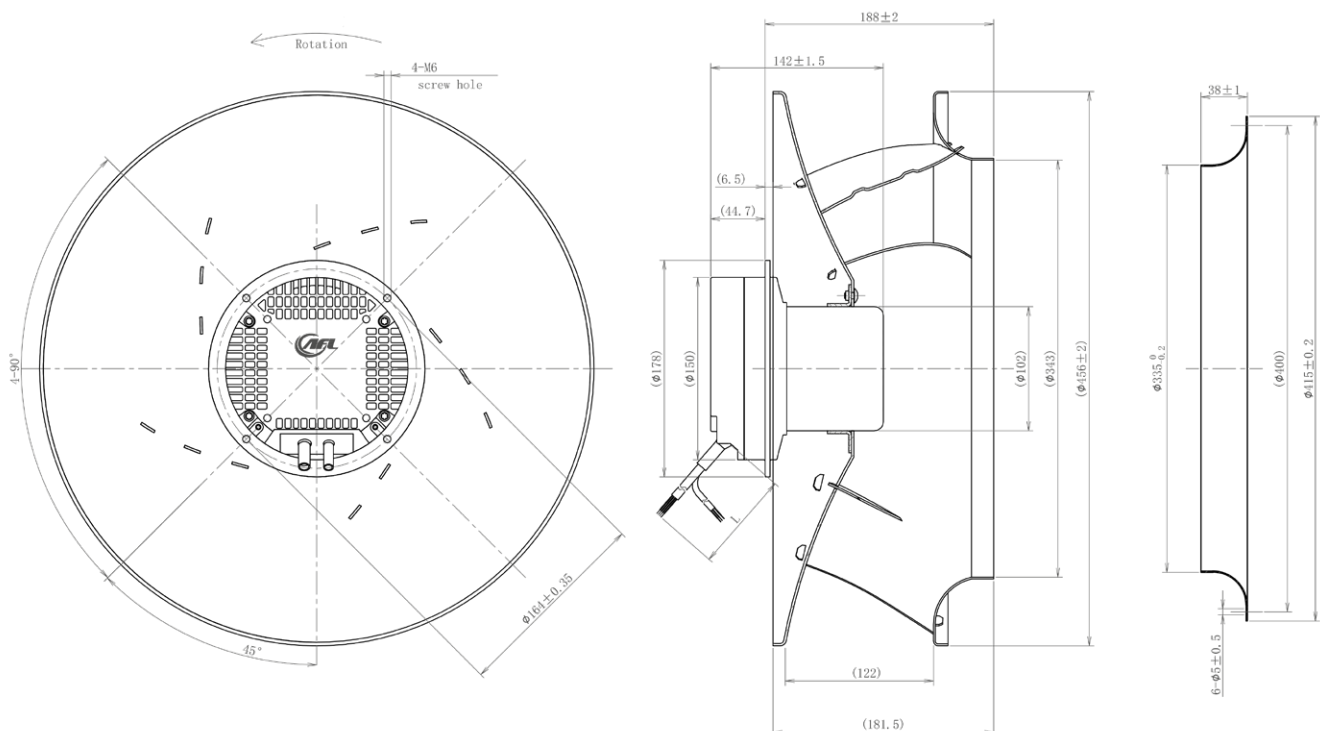
- Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.45 A
<b>Power input</b>	320 W
<b>Speed</b>	1400 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	68 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	sheet aluminium

- Air performance

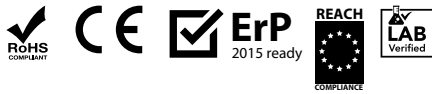


- Product drawing



# Model No. B3P456-EC102-900

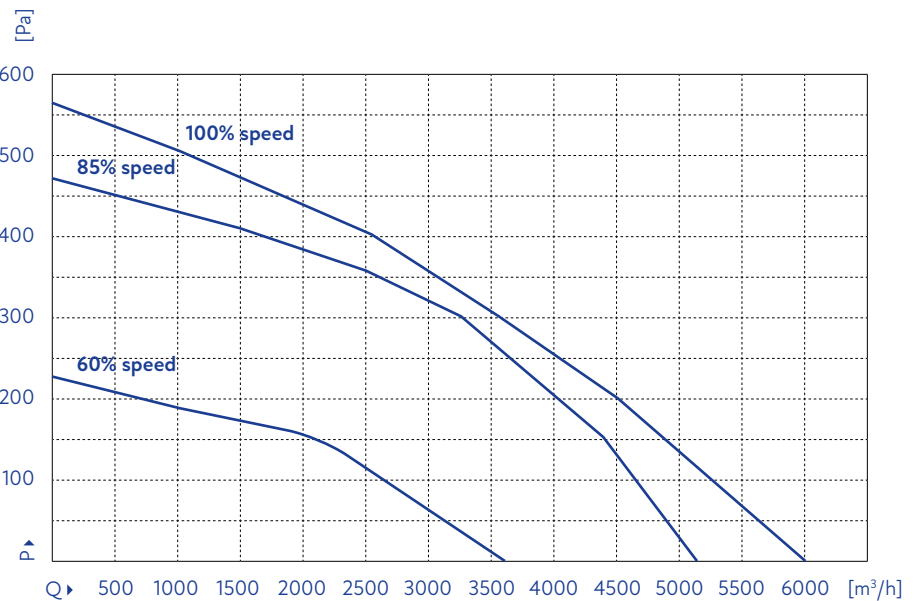
EC Single Inlet Forward Curved Centrifugal Fan



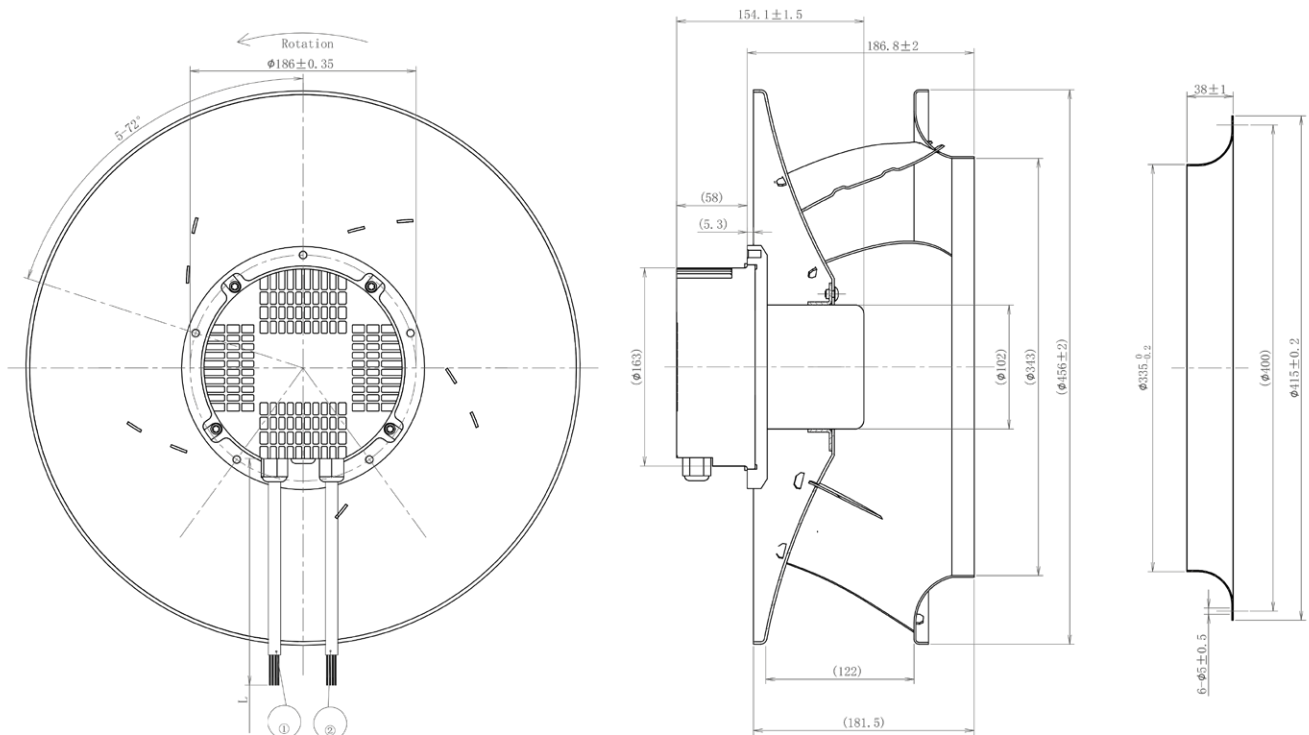
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.0 A
Power input	525 W
Speed	1750 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	72 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P470-EC102-017

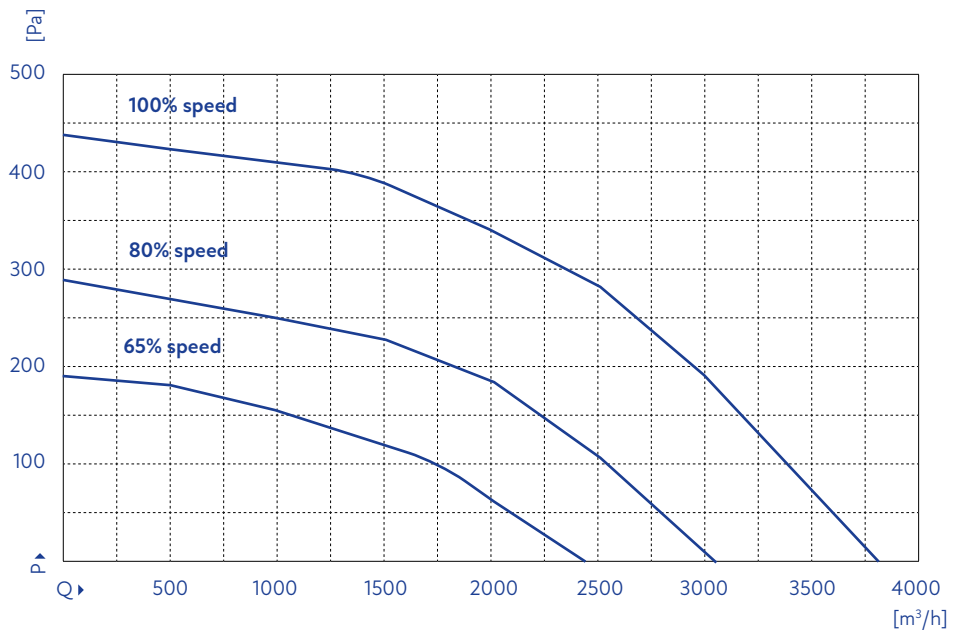
EC Single Inlet Forward Curved Centrifugal Fan



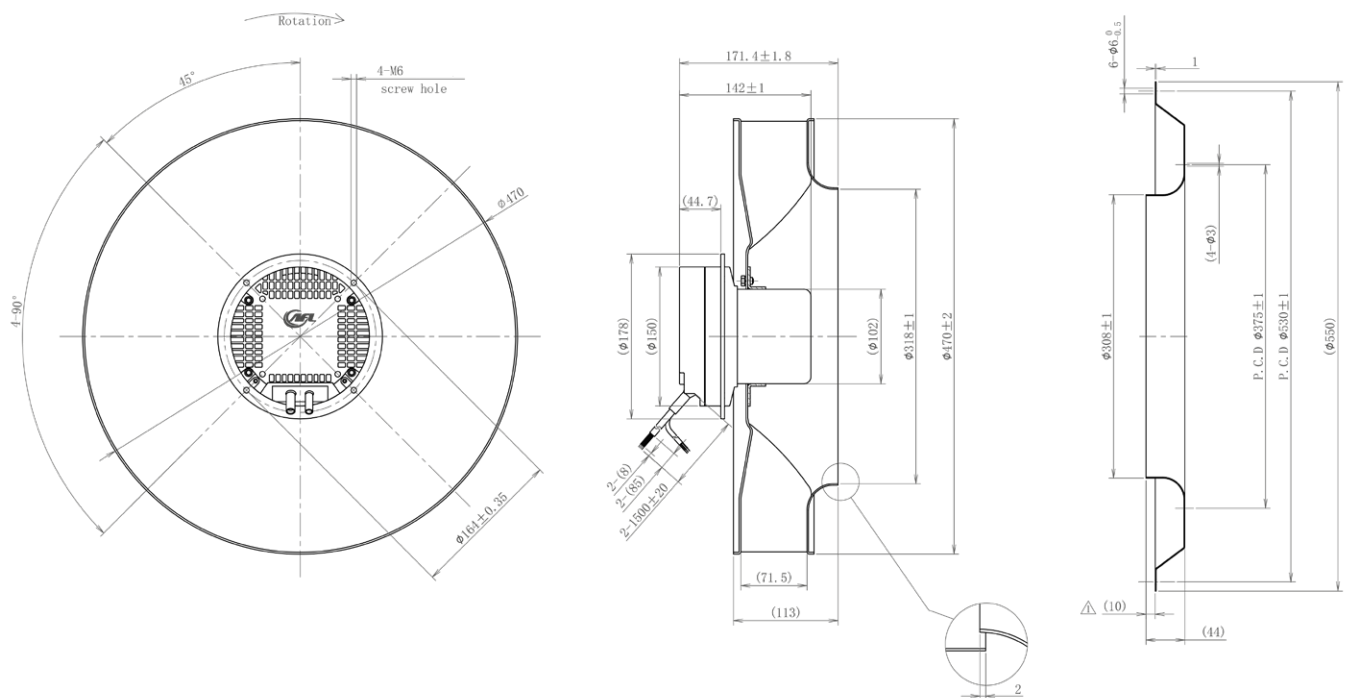
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.0 A
Power input	220 W
Speed	1260 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P500-EC137-100

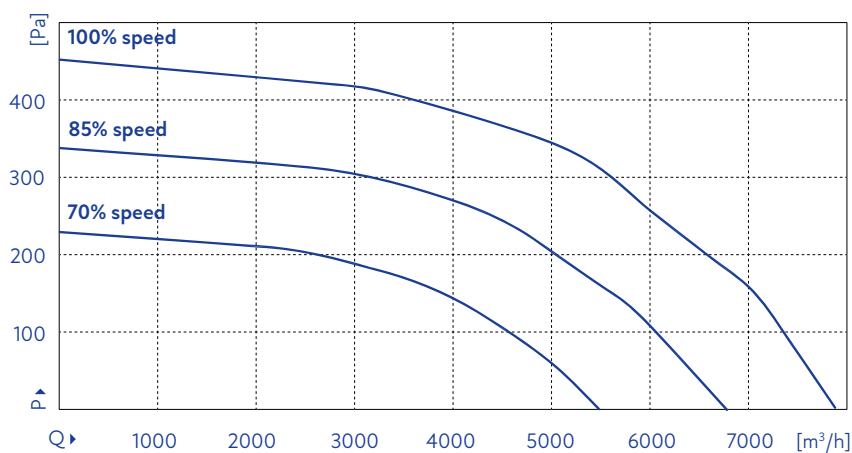
EC Backward Curved Centrifugal Fan



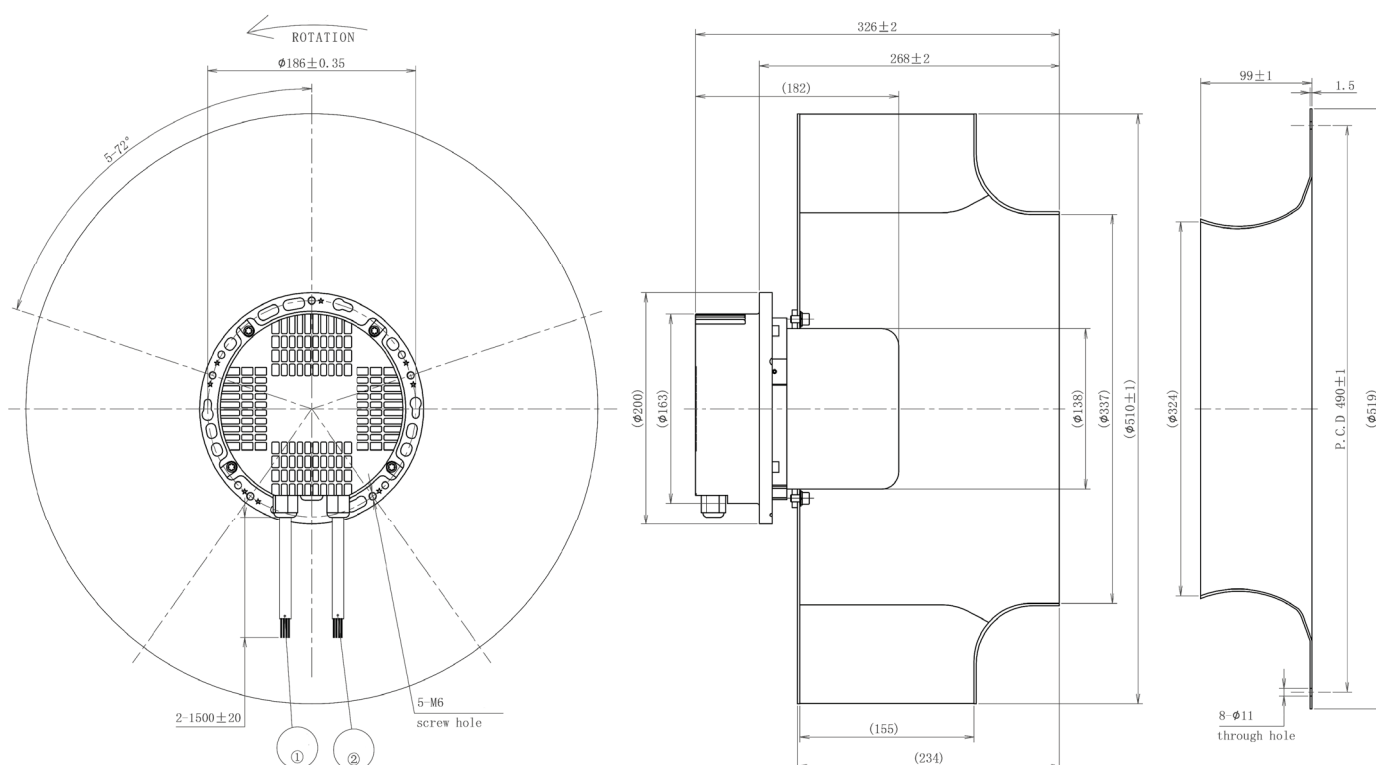
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.46 A
Power input	870 W
Speed	1100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

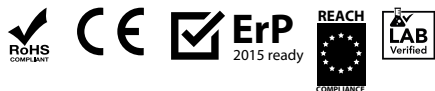


## Product drawing



# Model No. B3P500-EC188-001

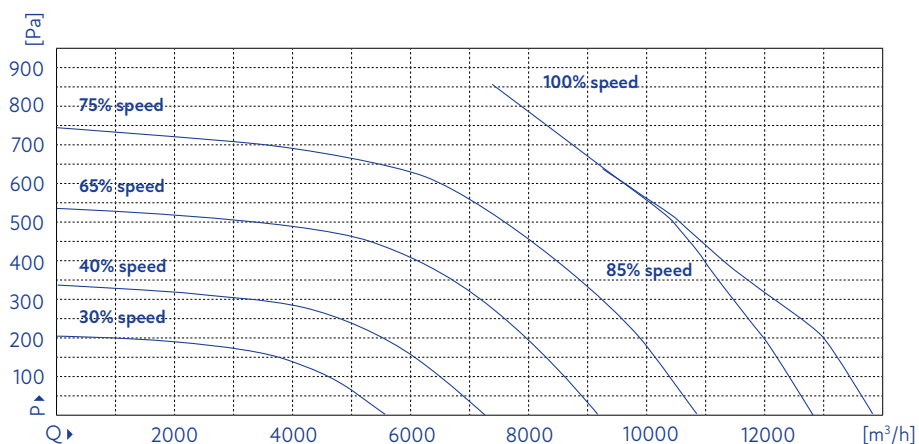
EC Backward Curved Centrifugal Fan



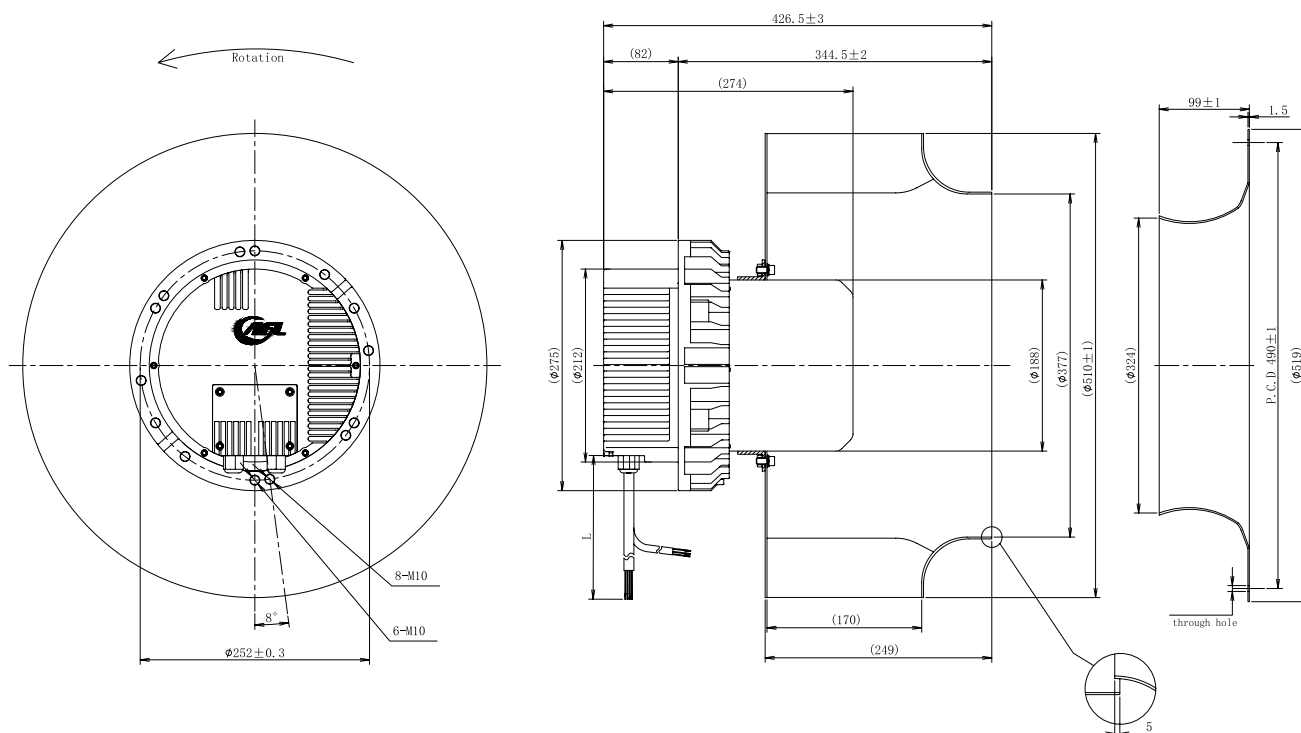
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.95 A
Power input	3000 W
Speed	1800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	89 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P560-EC137-100

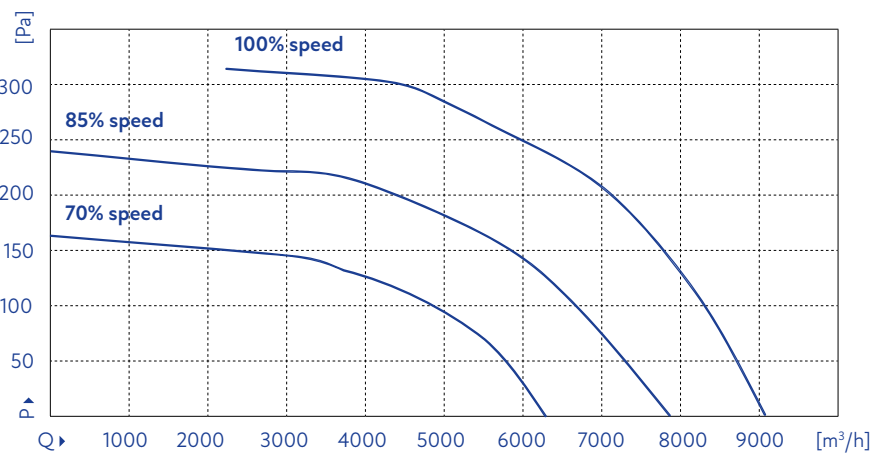
EC Backward Curved Centrifugal Fan



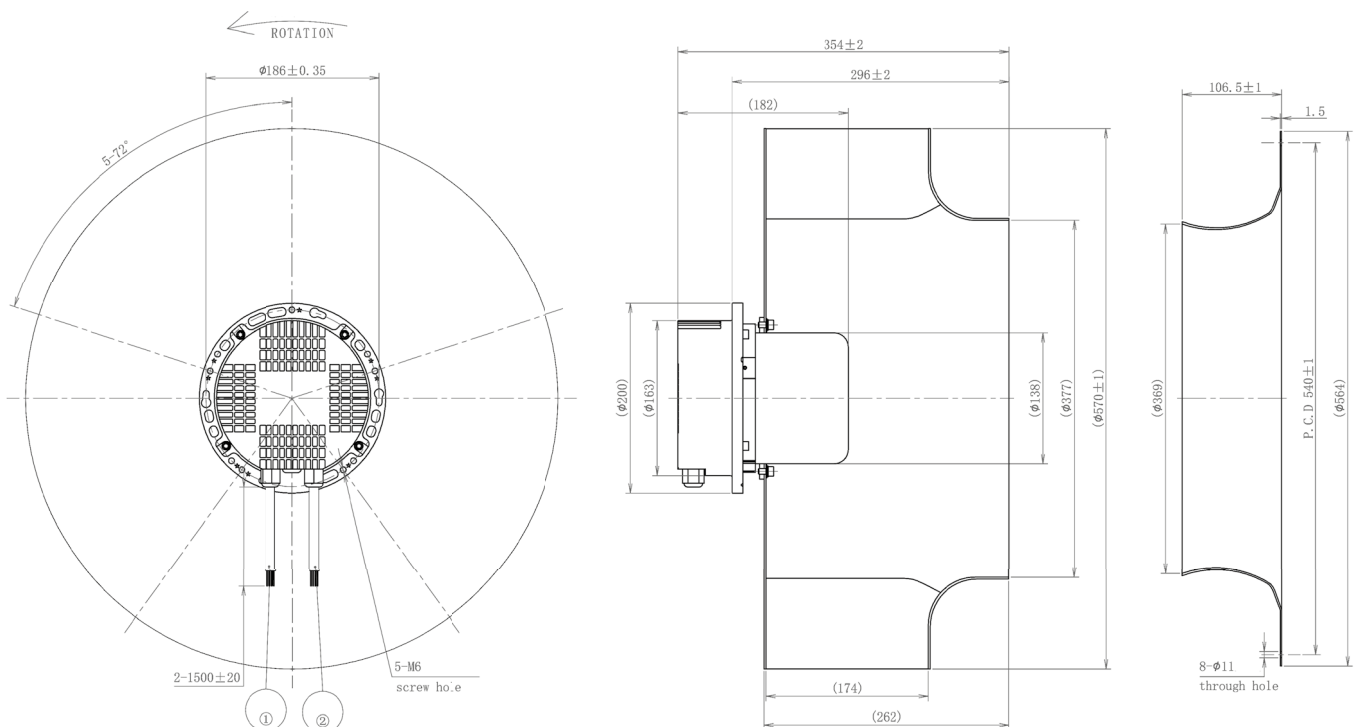
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.3 A
Power input	770 W
Speed	850 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P560-EC188-001

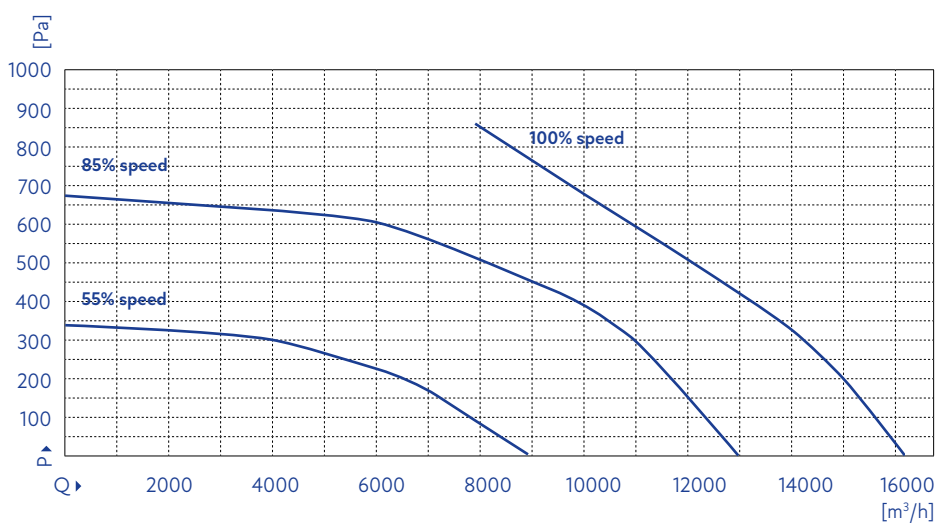
EC Backward Curved Centrifugal Fan



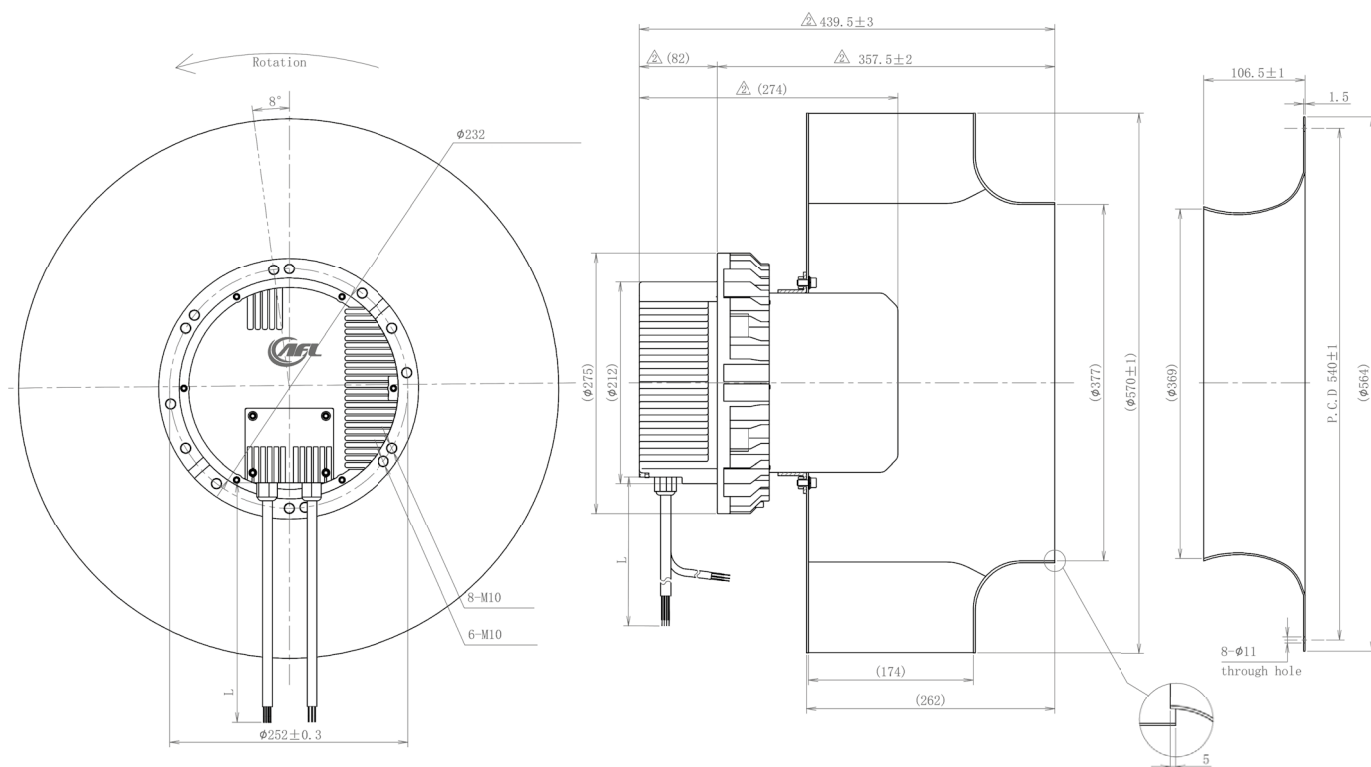
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.4 A
Power input	2770 W
Speed	1520 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P560-EC188-920

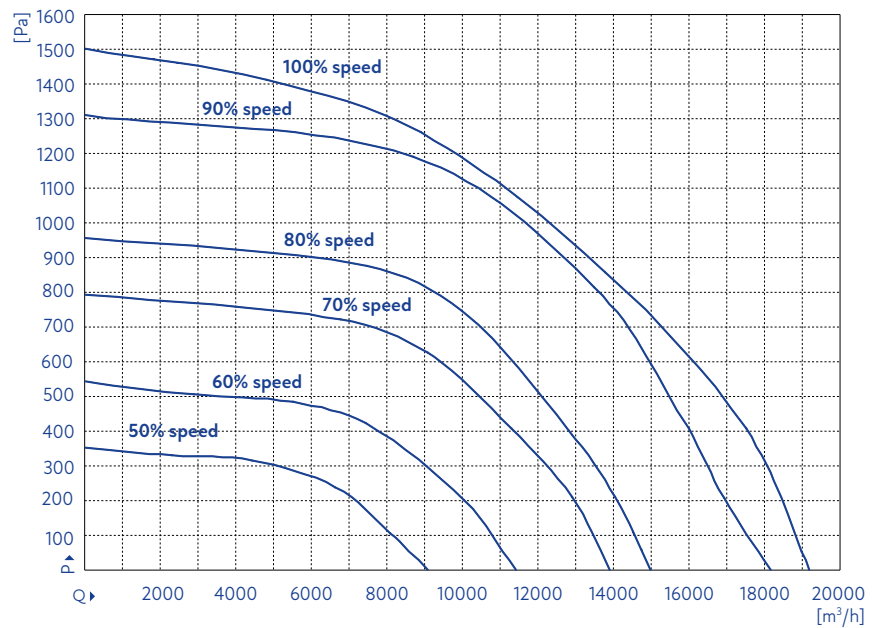
EC Backward Curved Centrifugal Fan+



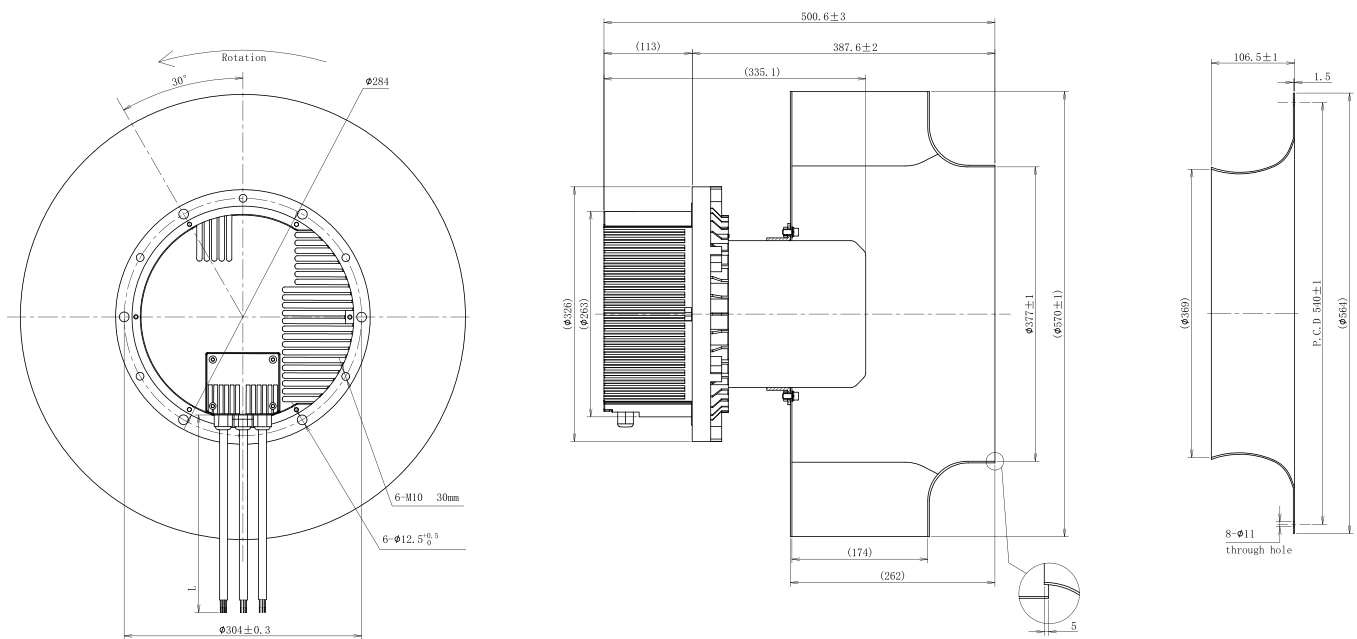
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	7.9 A
Power input	4700 W
Speed	1850 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	91 dB
Degree of protection	IP54
Working temperature	-30 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

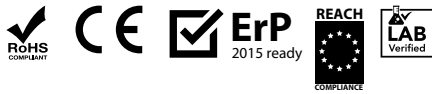


## Product drawing



# Model No. B3P630-EC188-001

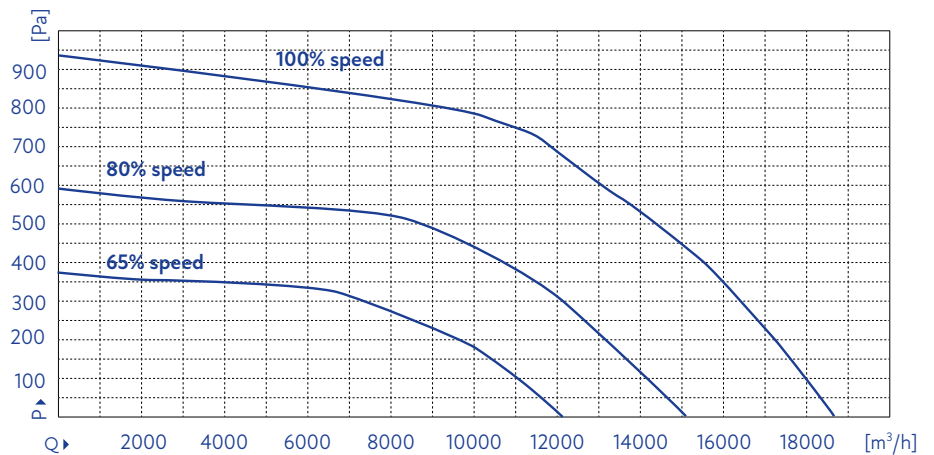
EC Backward Curved Centrifugal Fan



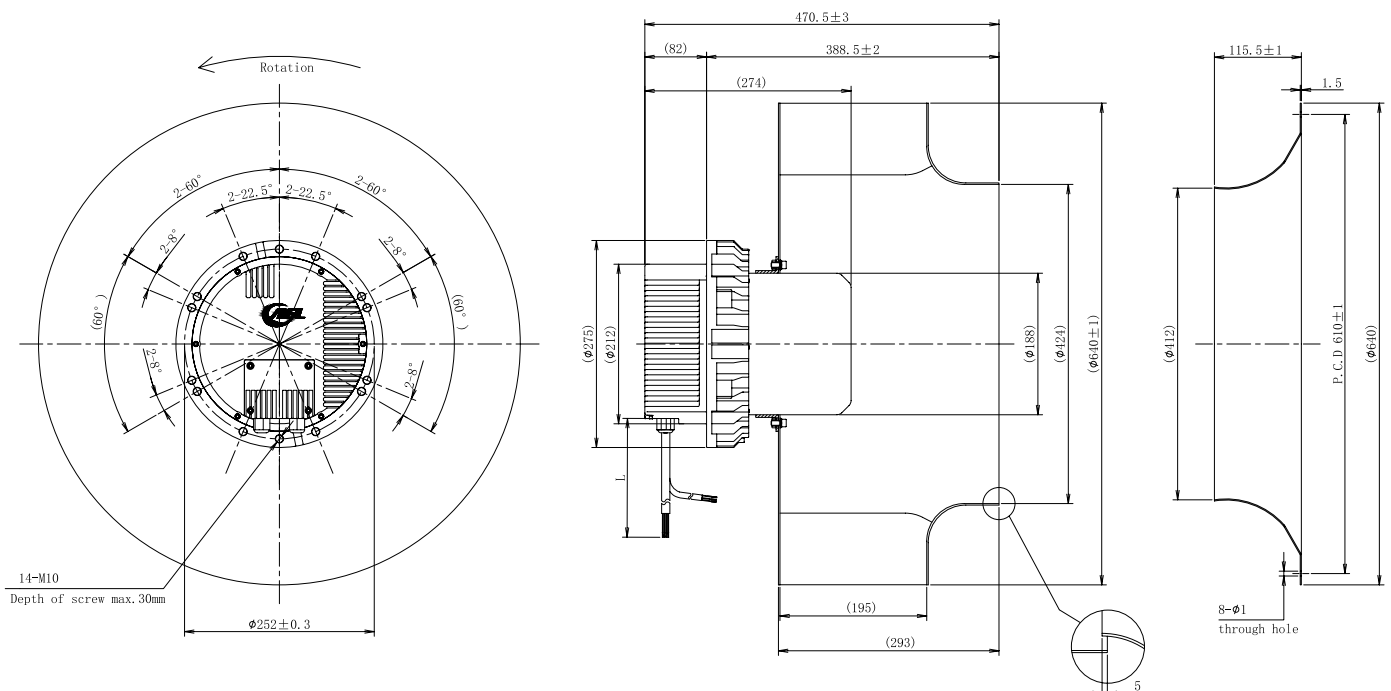
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.4 A
Power input	2700 W
Speed	1250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	85 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





EC Backward Curved  
Centrifugal Fans +

# Model No. B3P133-EC072-010

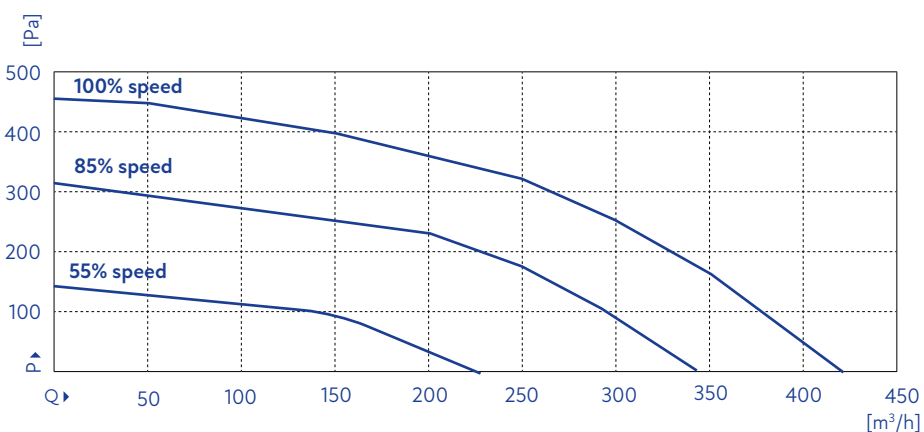
EC Backward Curved Centrifugal Fan+



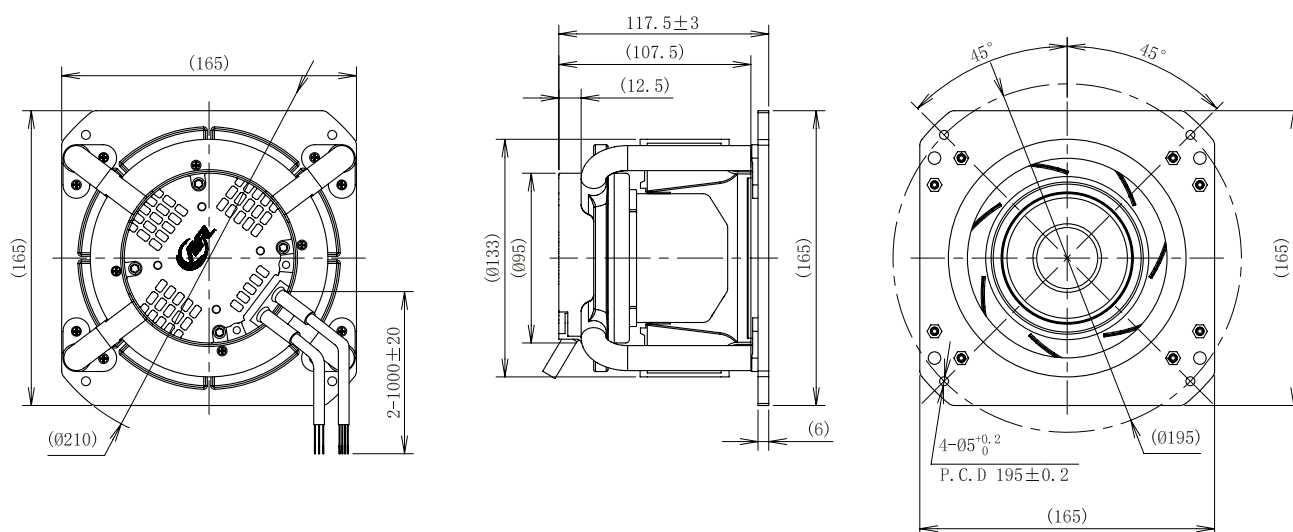
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.32 A
Power input	45 W
Speed	4500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P190-EC072-005

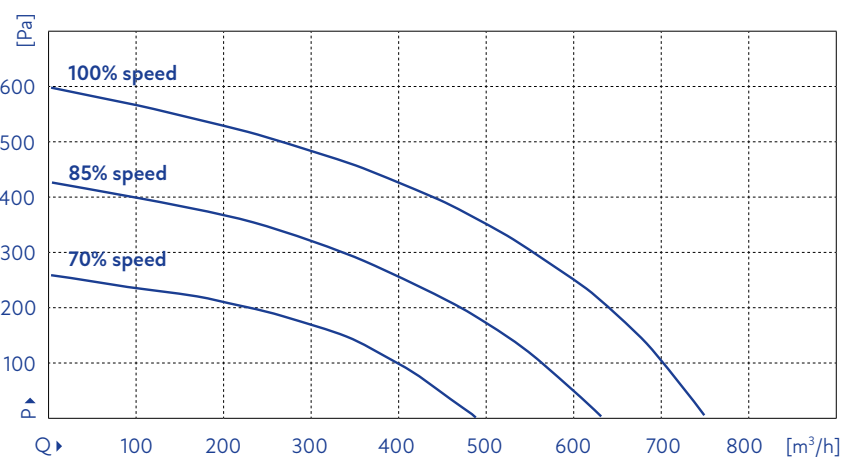
EC Backward Curved Centrifugal Fan+



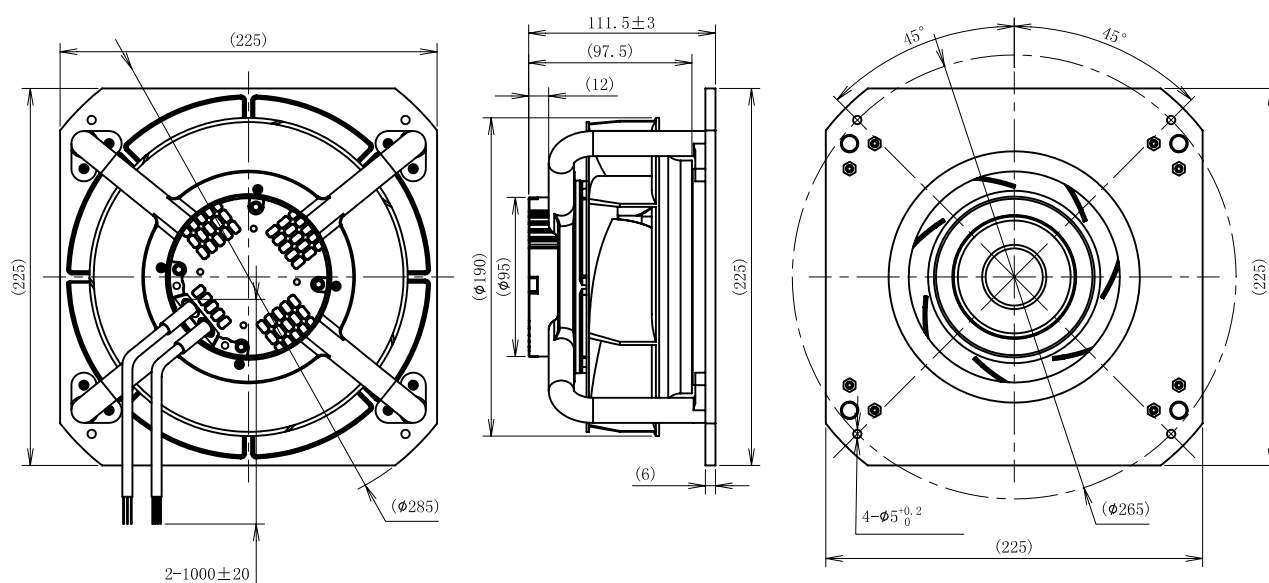
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.73 A
Power input	95 W
Speed	3570 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	78 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing





# Model No. B3P190-EC092-015

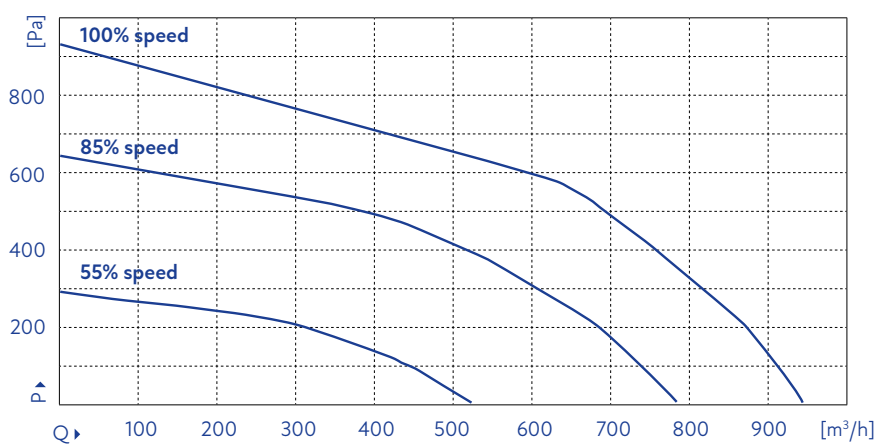
EC Backward Curved Centrifugal Fan+



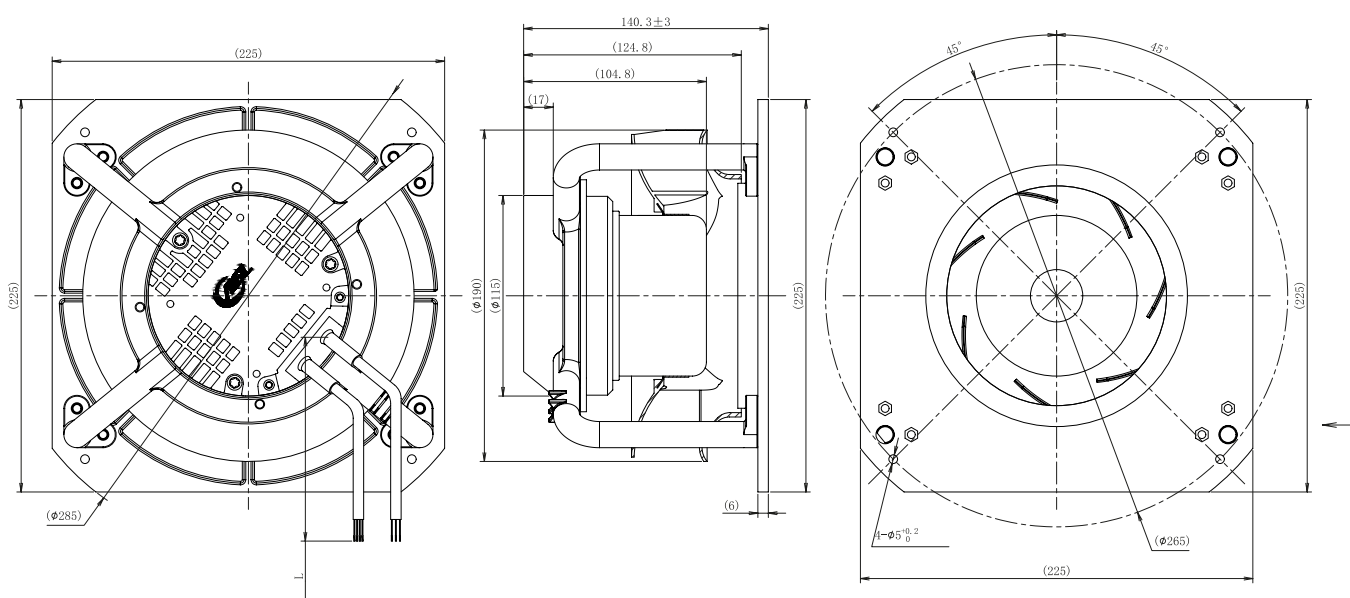
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.4 A
Power input	180 W
Speed	4500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	76 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P220-EC072-010

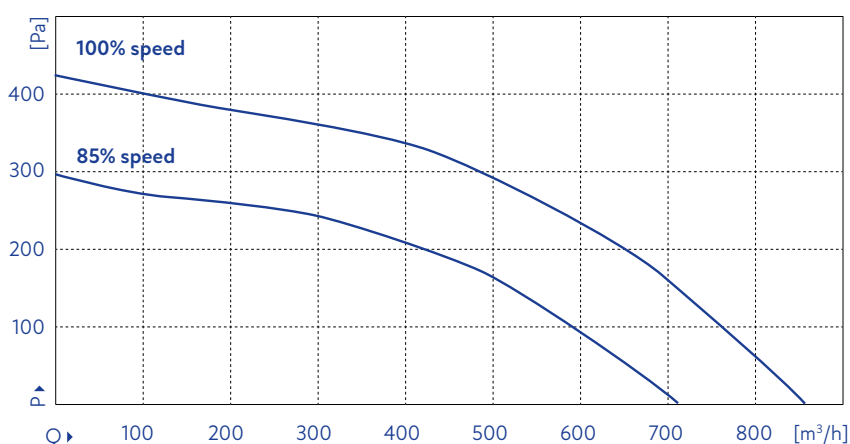
EC Backward Curved Centrifugal Fan+



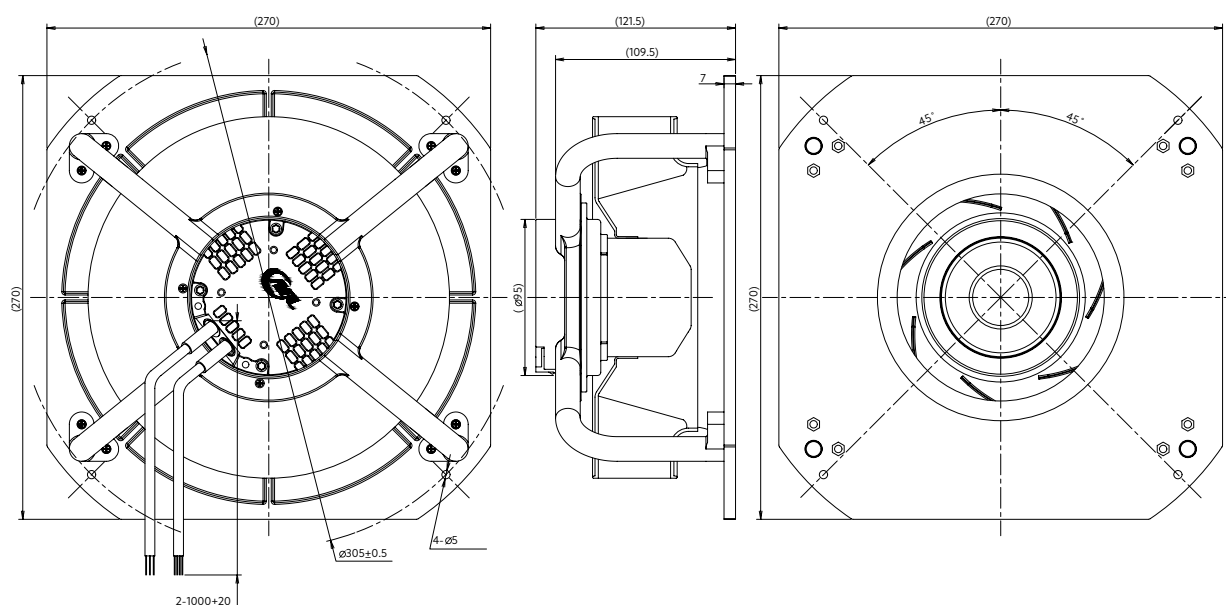
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	75 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P225-EC092-024

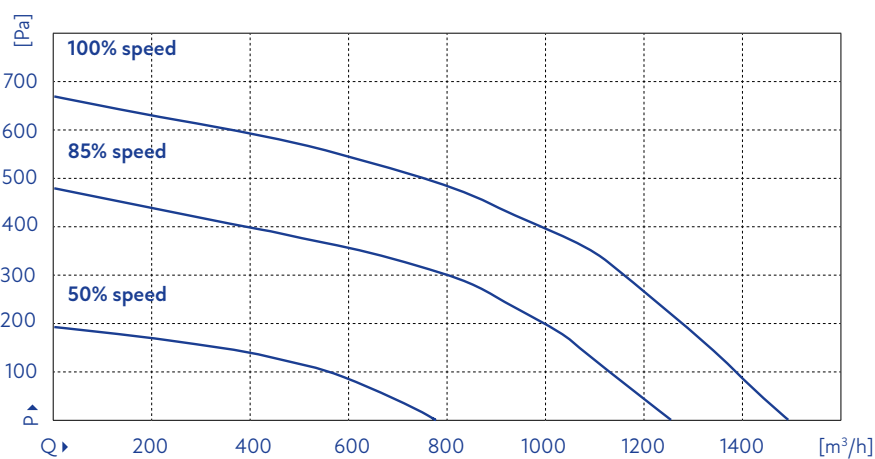
EC Backward Curved Centrifugal Fan+



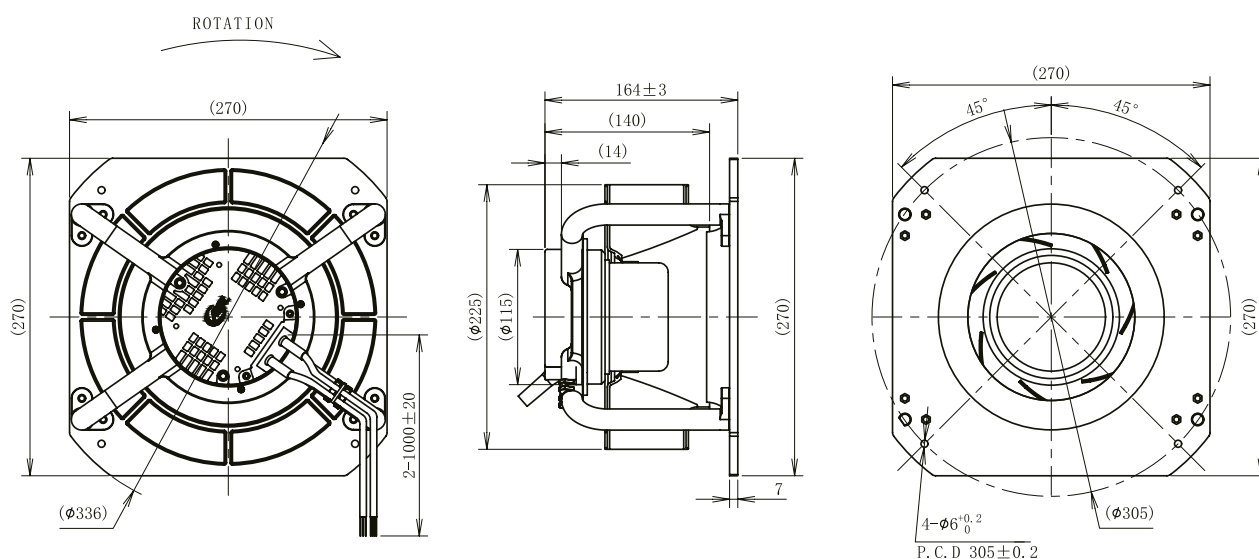
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.3 A
Power input	200 W
Speed	3000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. B3P250-EC092-025

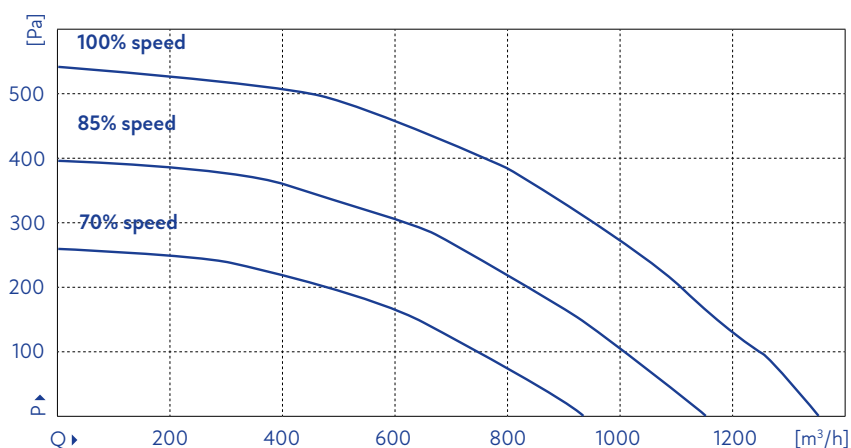
EC Backward Curved Centrifugal Fan+



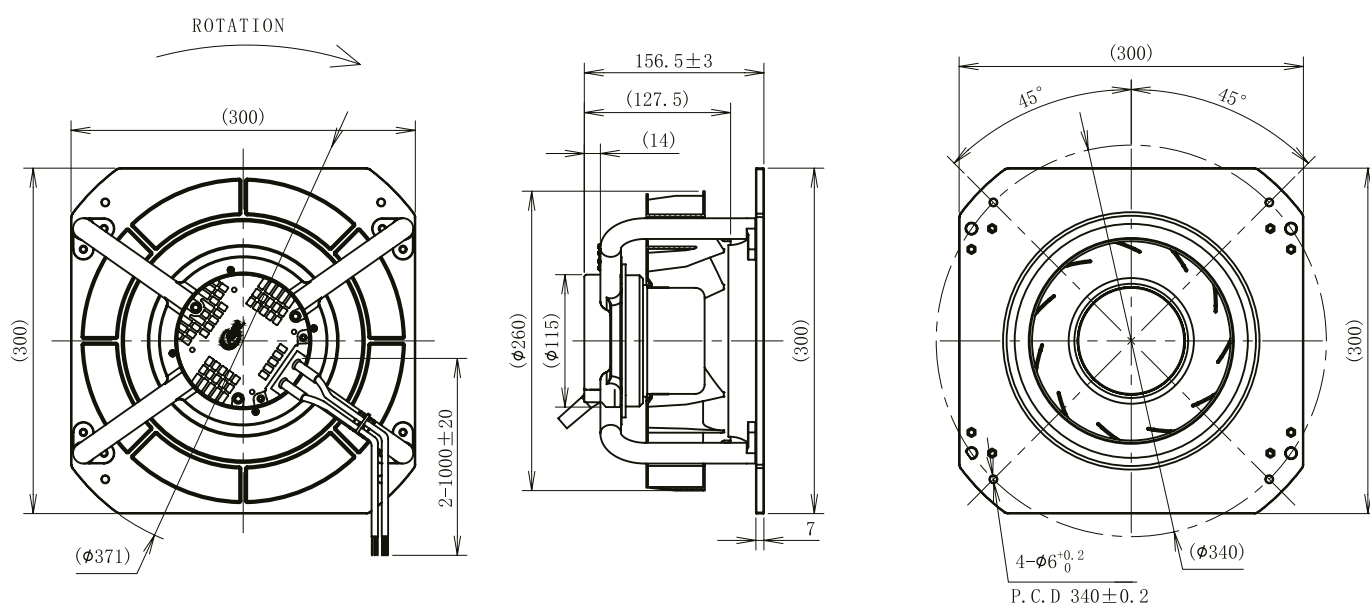
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.1 A
Power input	170 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	76.5 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

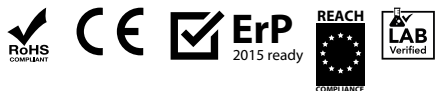


## Product drawing



# Model No. B3P250-EC102-005

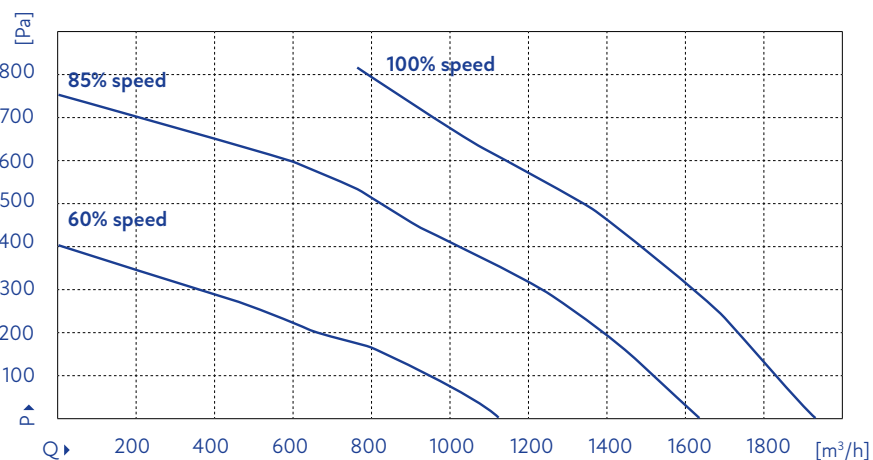
EC Backward Curved Centrifugal Fan+



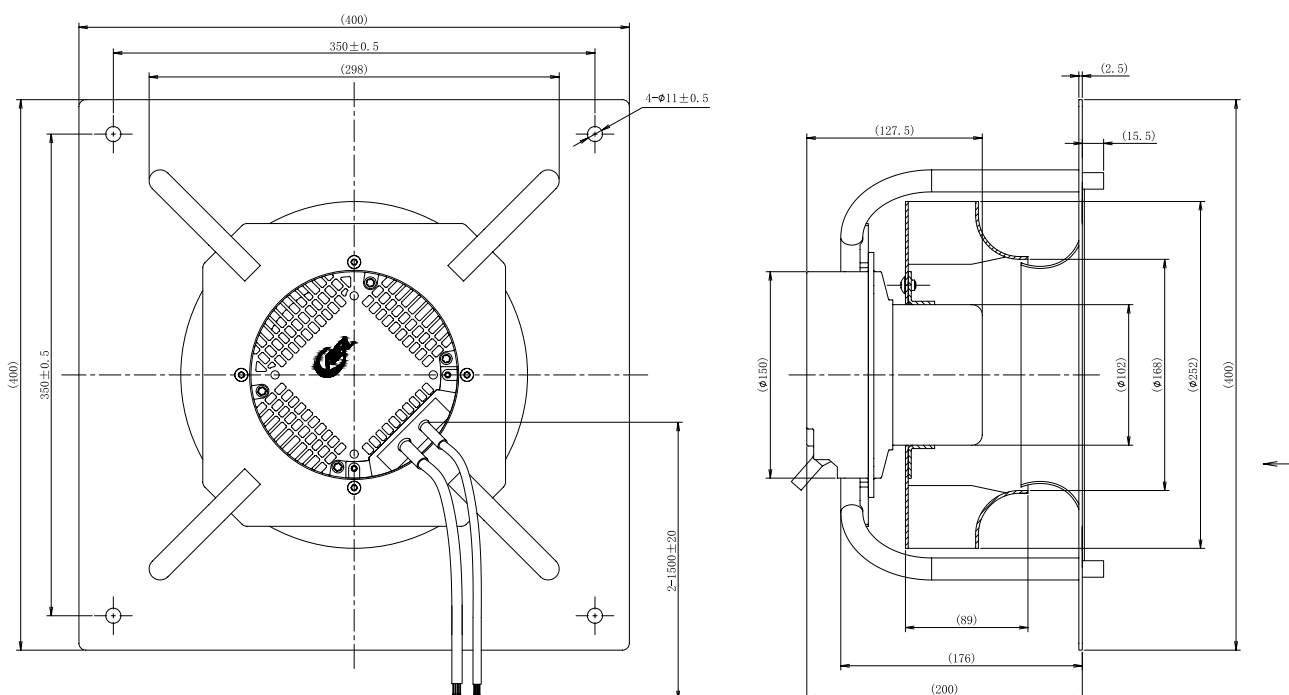
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.55 A
Power input	330 W
Speed	3350 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P280-EC092-013

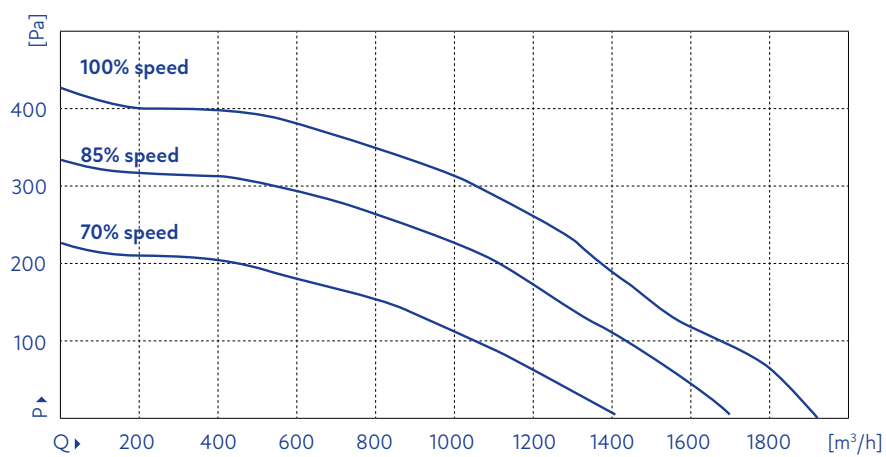
EC Backward Curved Centrifugal Fan+



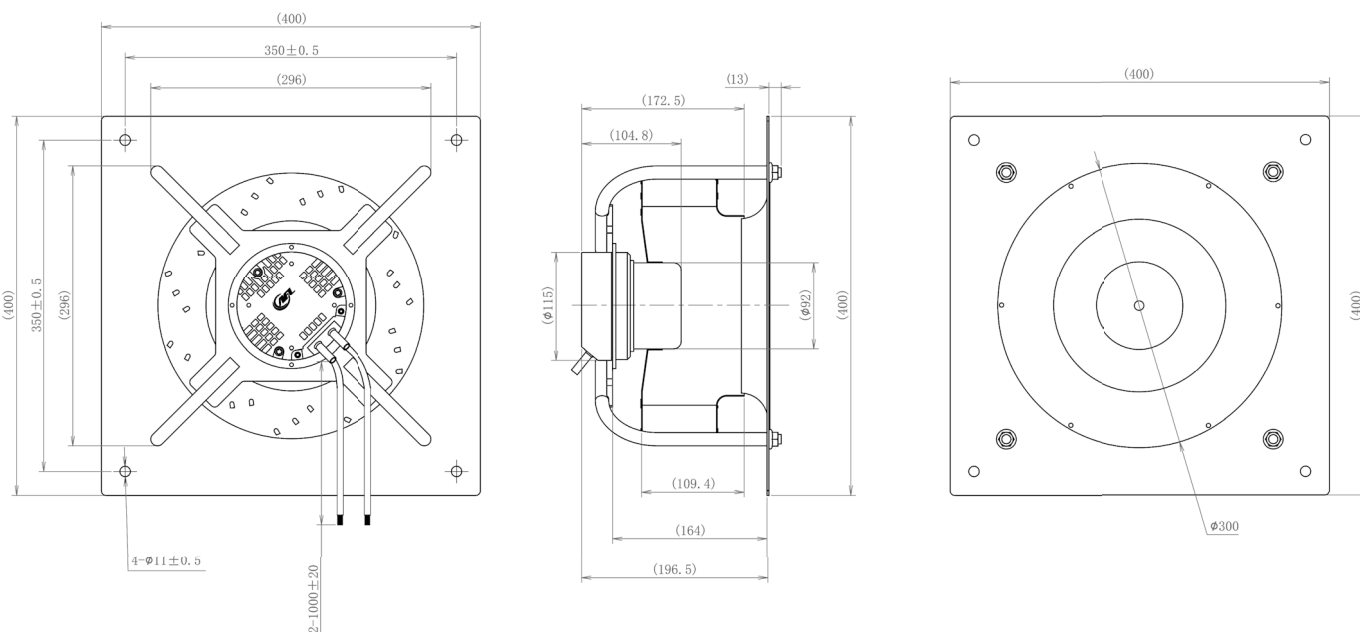
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.9 A
Power input	130 W
Speed	2000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. B3P280-EC102-015

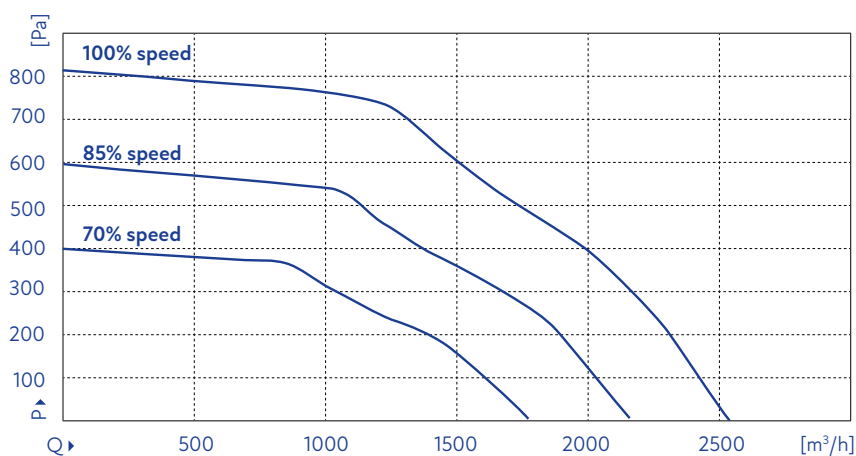
EC Backward Curved Centrifugal Fan+



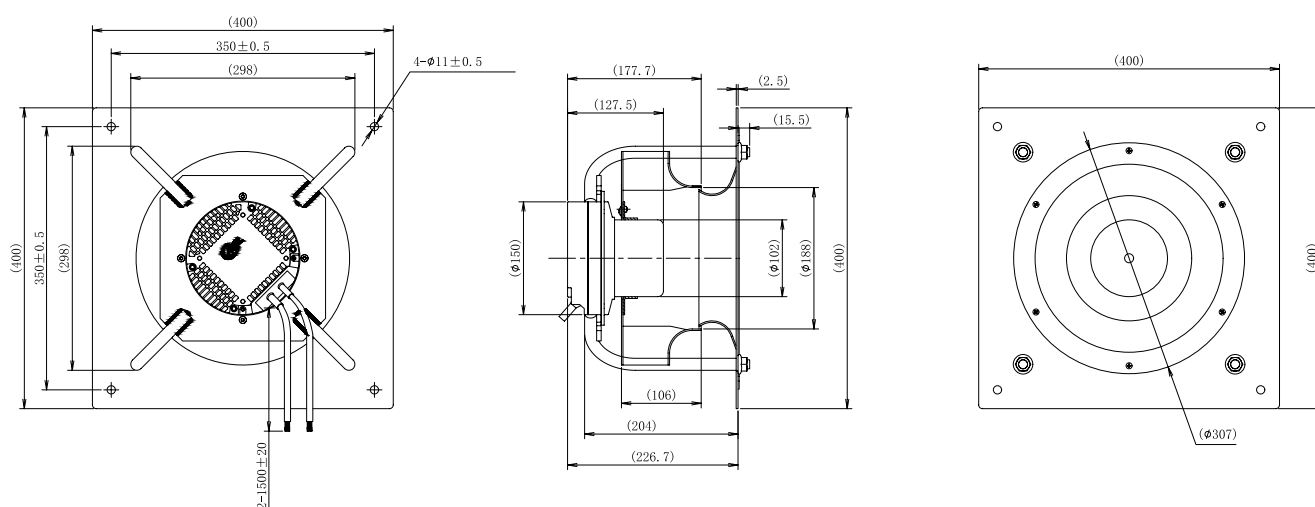
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.73 A
Power input	370 W
Speed	2750 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	75 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P280-EC137-010

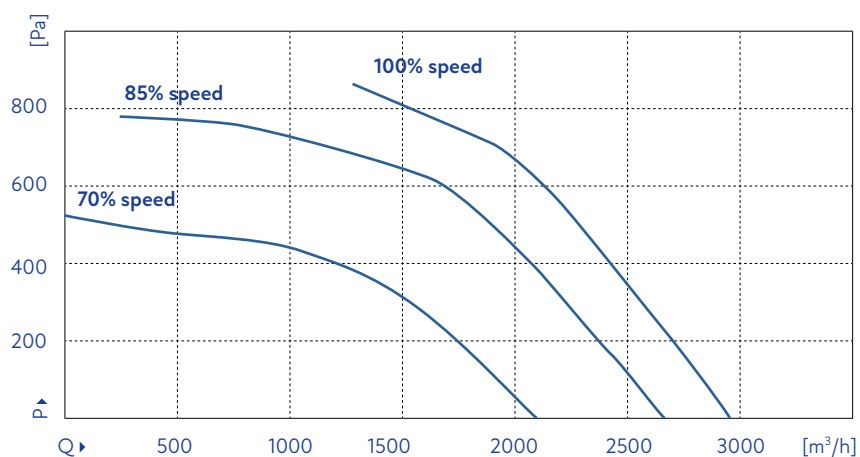
EC Backward Curved Centrifugal Fan+



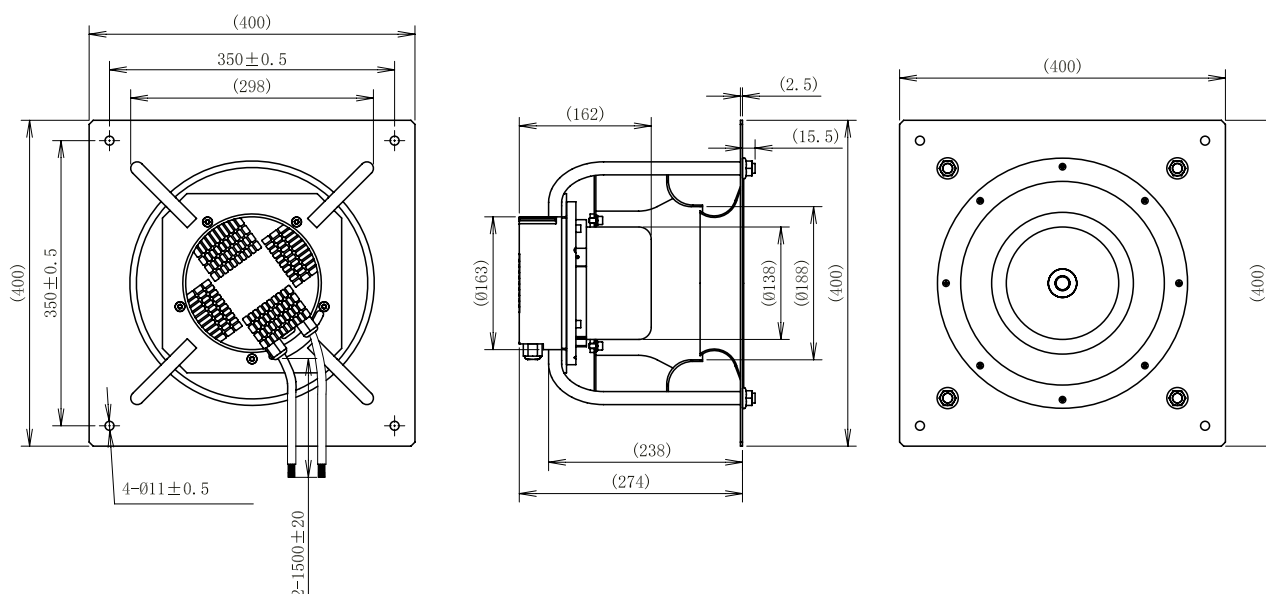
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.22 A
Power input	860 W
Speed	3000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	85 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P280-EC137-201

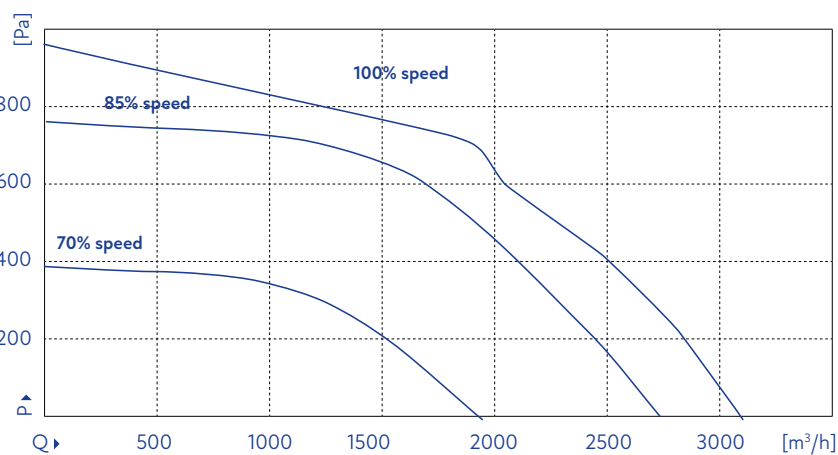
EC Backward Curved Centrifugal Fan+



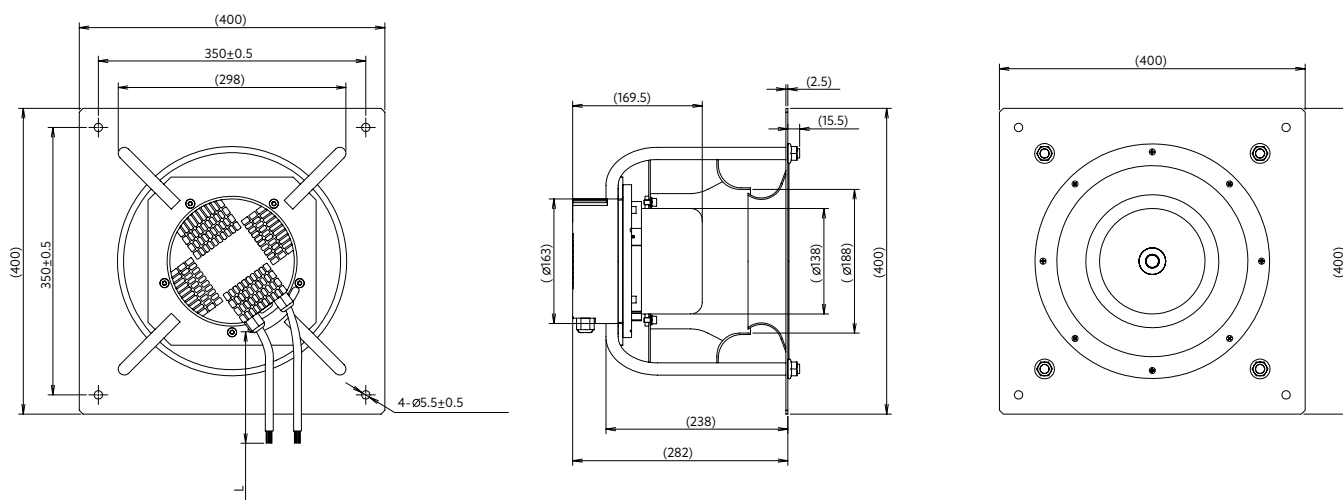
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.3 A
Power input	700 W
Speed	2950 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P280-EC137-901

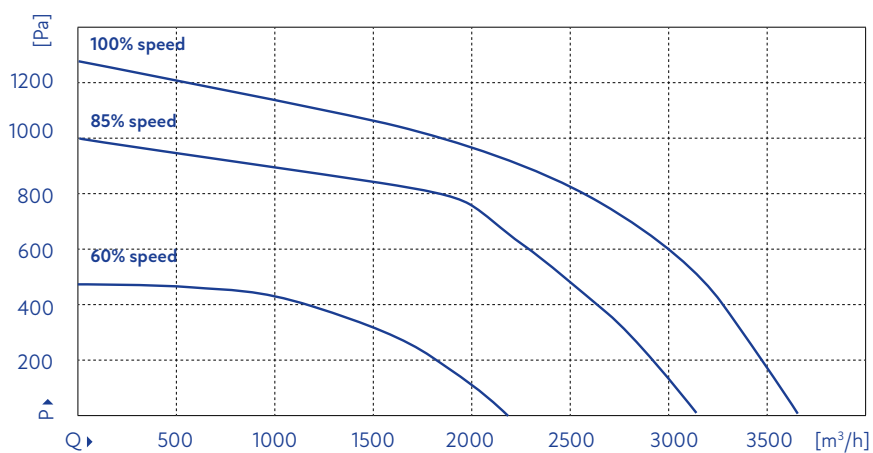
EC Backward Curved Centrifugal Fan+



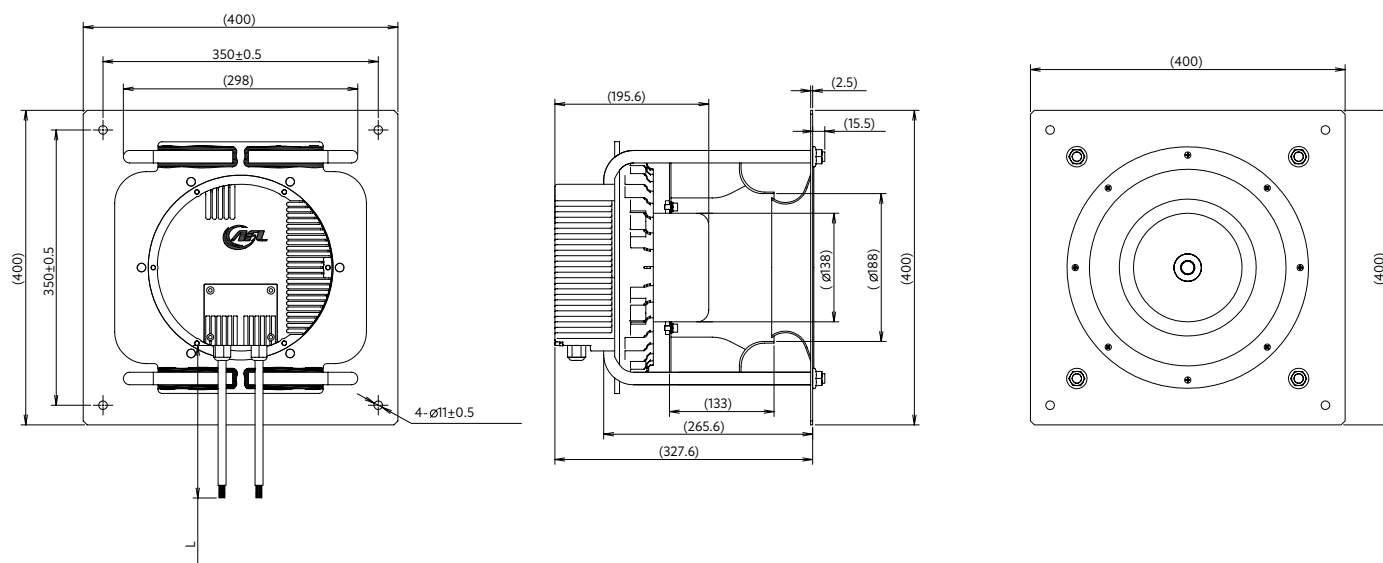
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.9 A
Power input	1100 W
Speed	3500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	89 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC092-013

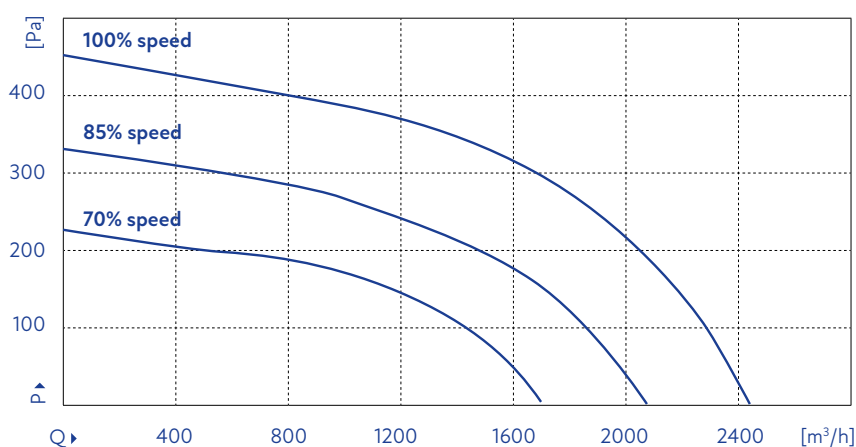
EC Backward Curved Centrifugal Fan+



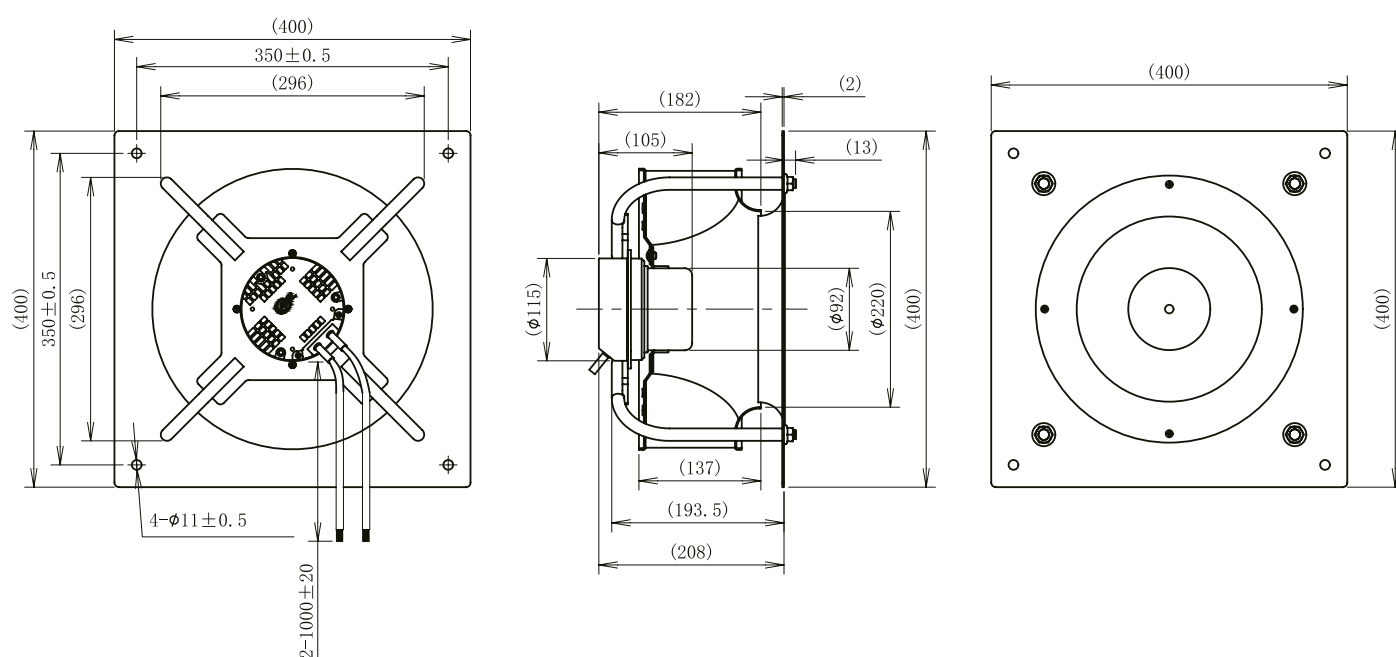
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.3 A
Power input	175 W
Speed	1770 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC102-013

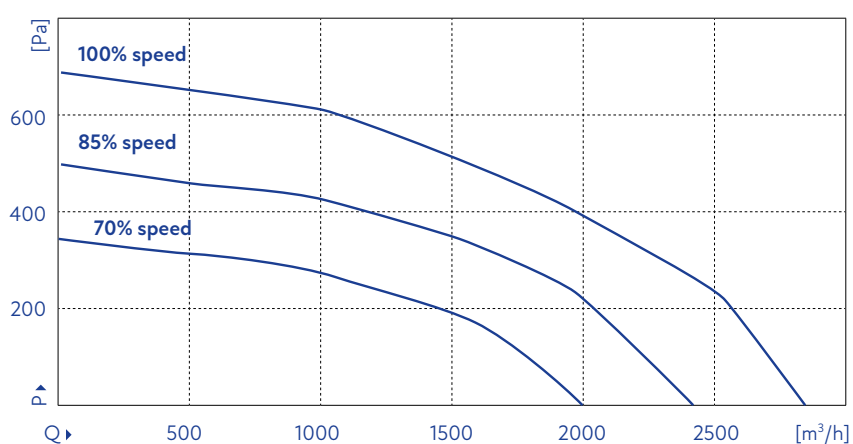
EC Backward Curved Centrifugal Fan+



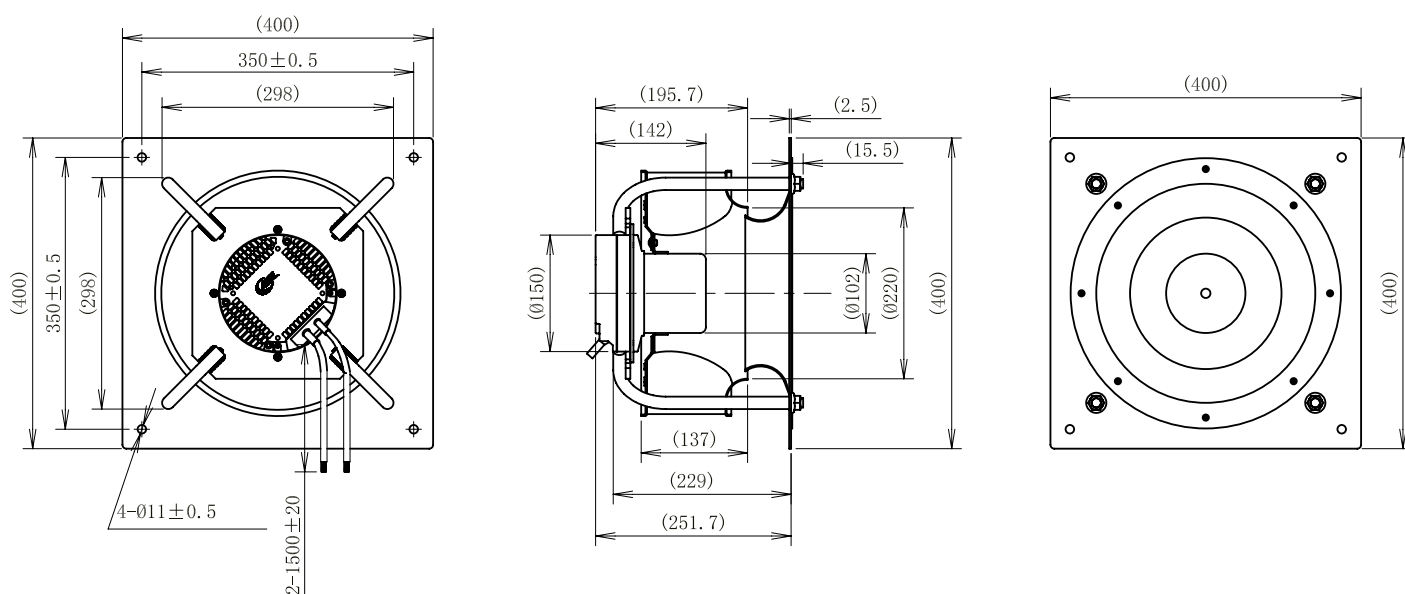
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.45 A
Power input	320 W
Speed	2200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC137-010

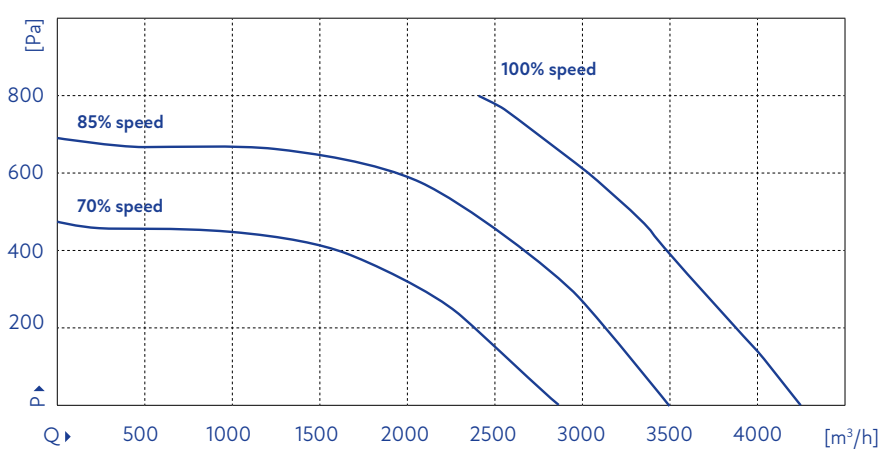
EC Backward Curved Centrifugal Fan+



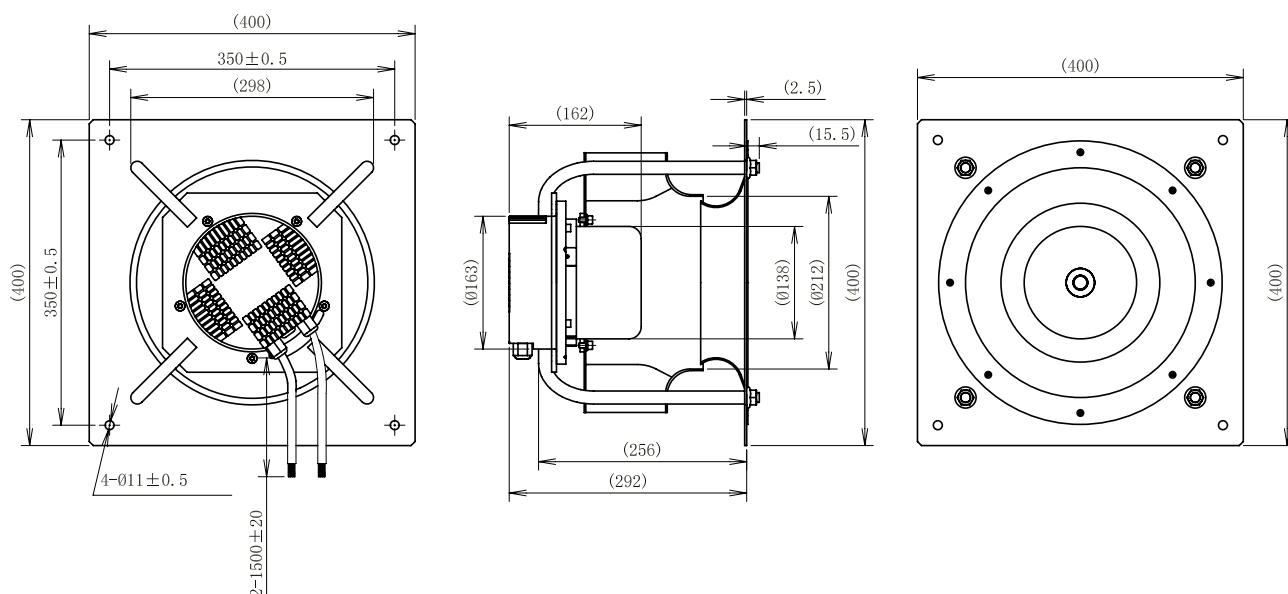
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.64 A
Power input	980 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P310-EC137-201

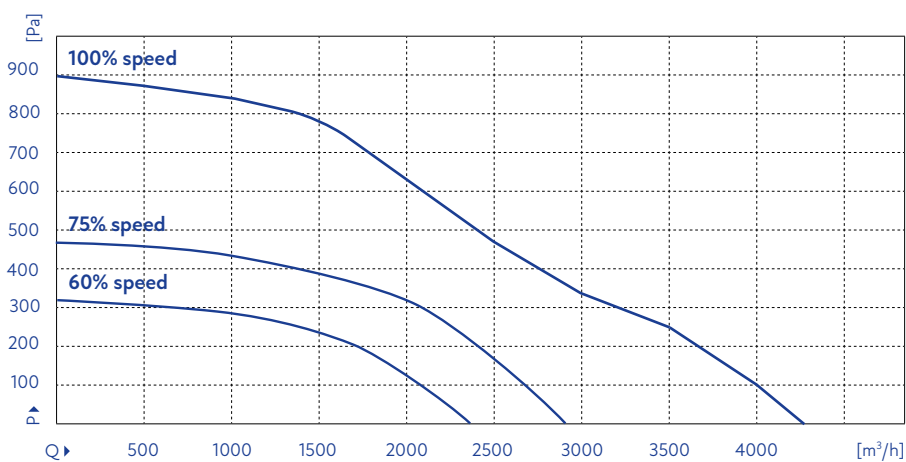
EC Backward Curved Centrifugal Fan+



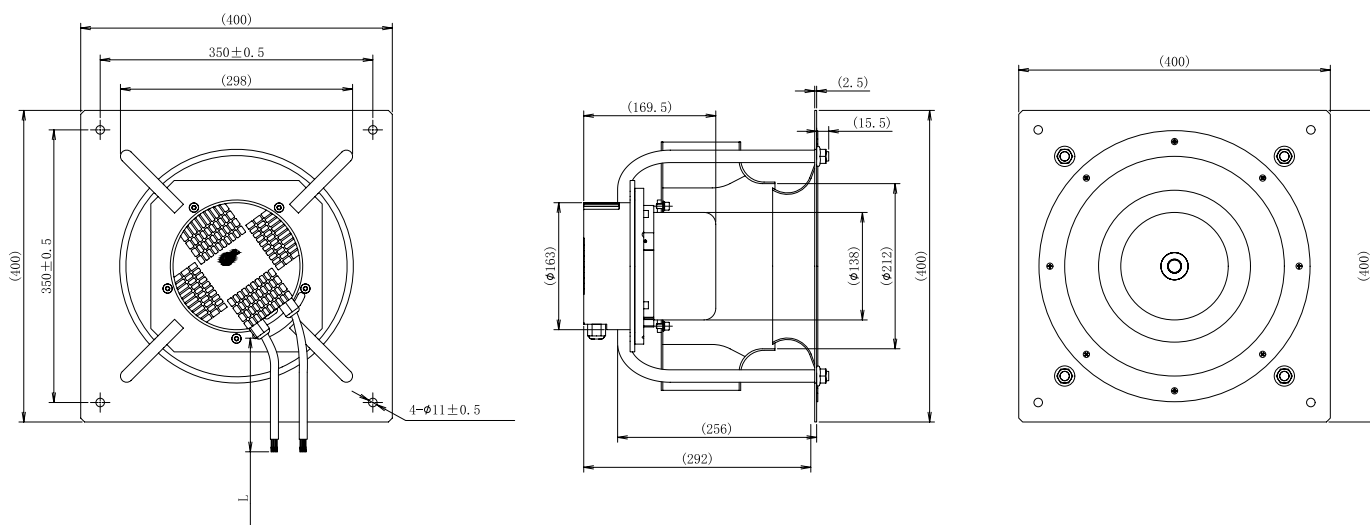
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.4 A
Power input	730 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	85 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



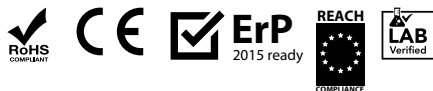
## Product drawing





# Model No. B3P310-EC137-901

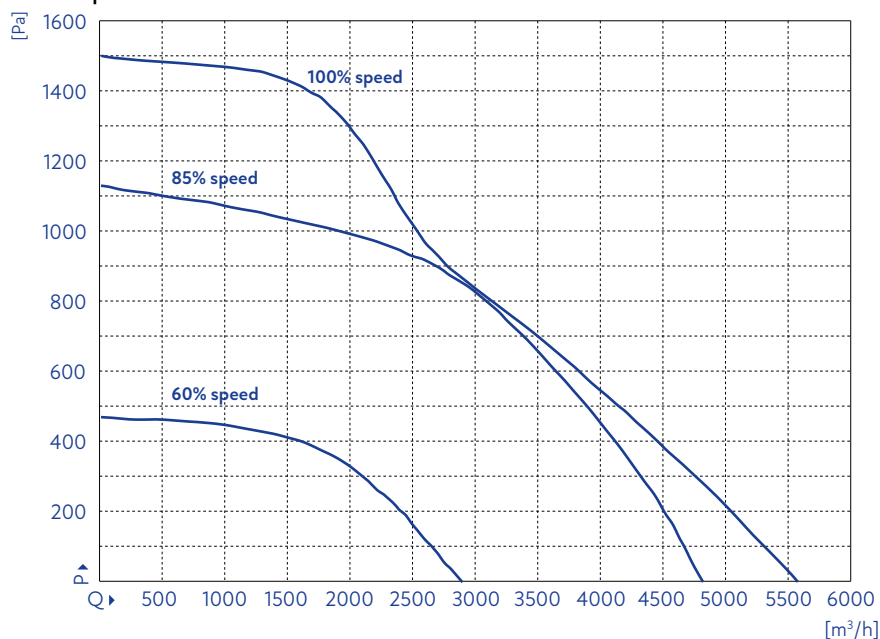
EC Backward Curved Centrifugal Fan+



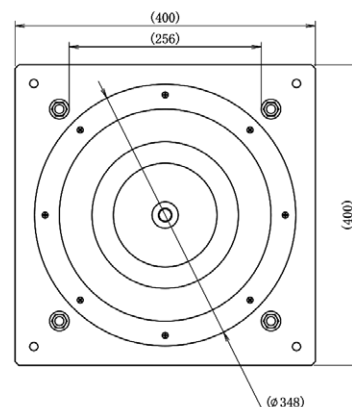
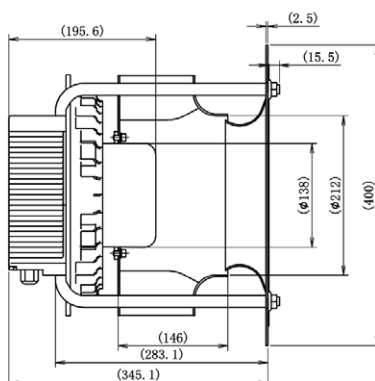
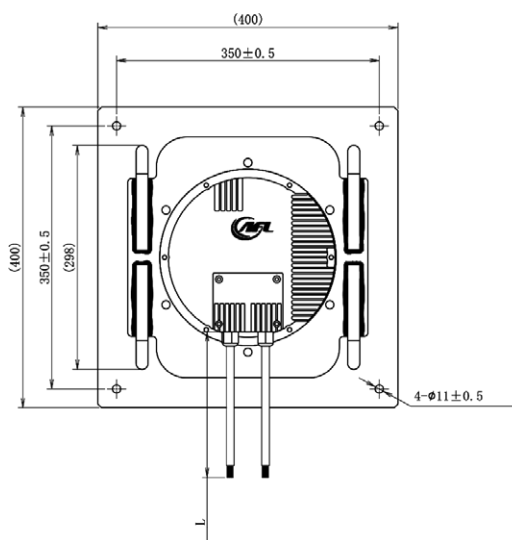
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.6 A
Power input	1600 W
Speed	3300 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	92 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC102-013

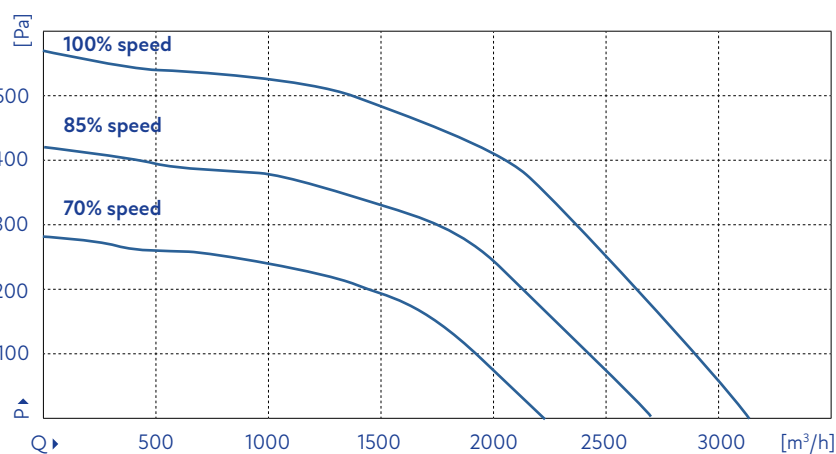
EC Backward Curved Centrifugal Fan+



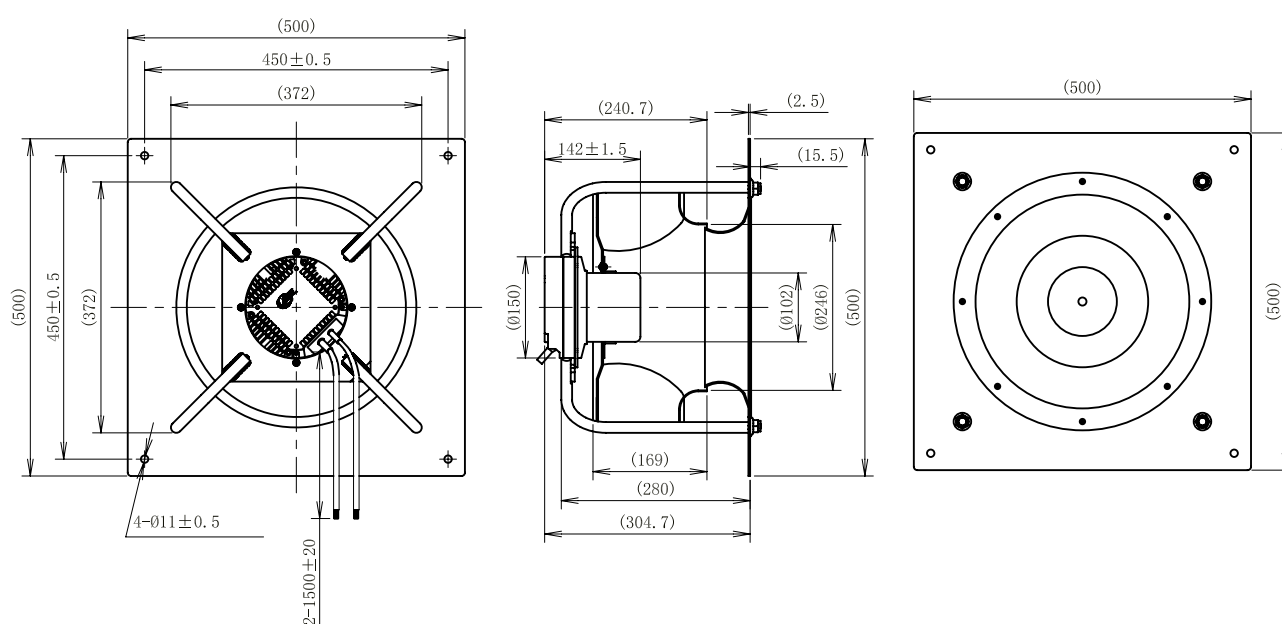
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.4 A
Power input	310 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC137-010

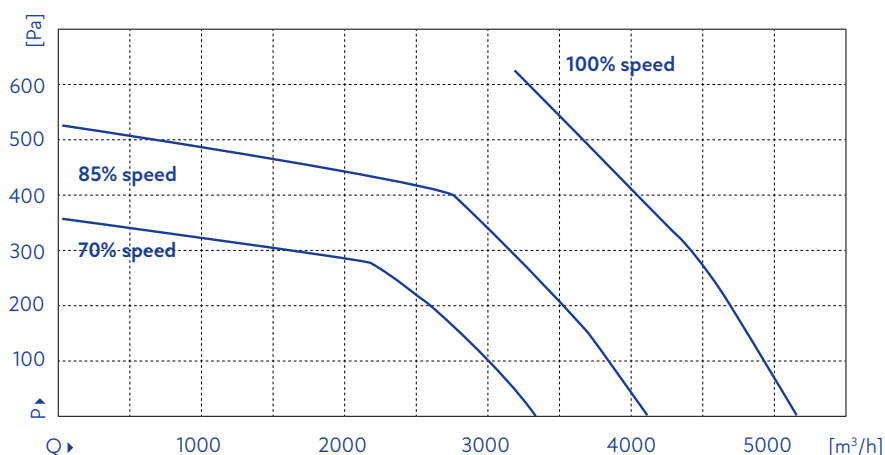
EC Backward Curved Centrifugal Fan+



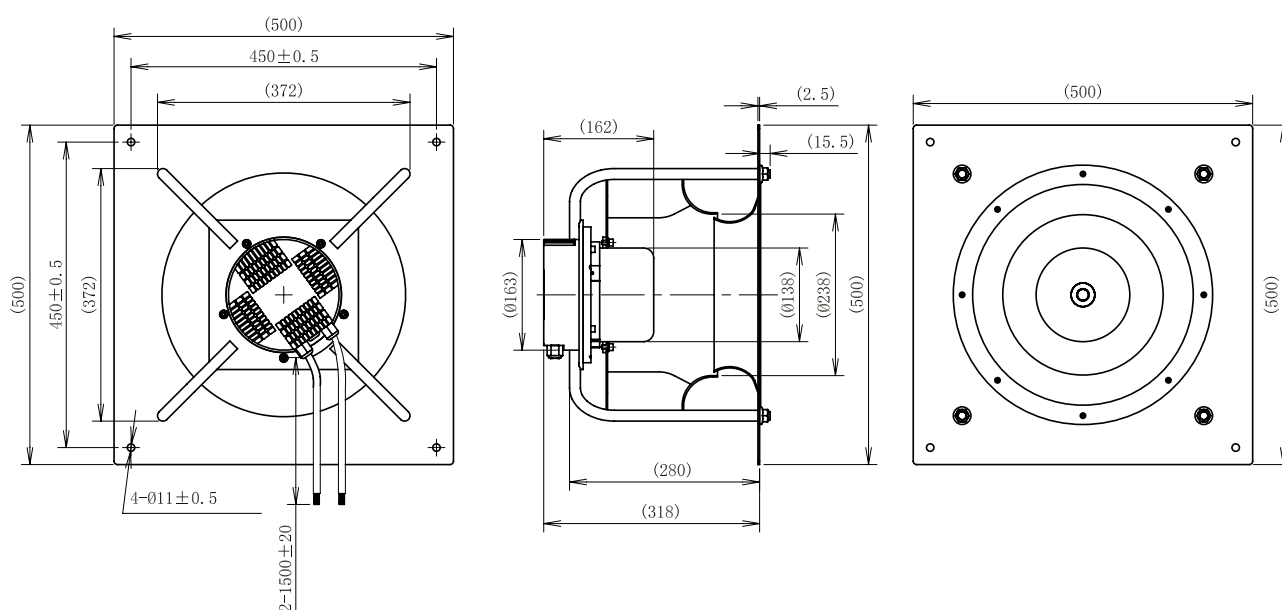
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.63 A
Power input	990 W
Speed	2100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	79 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC137-201

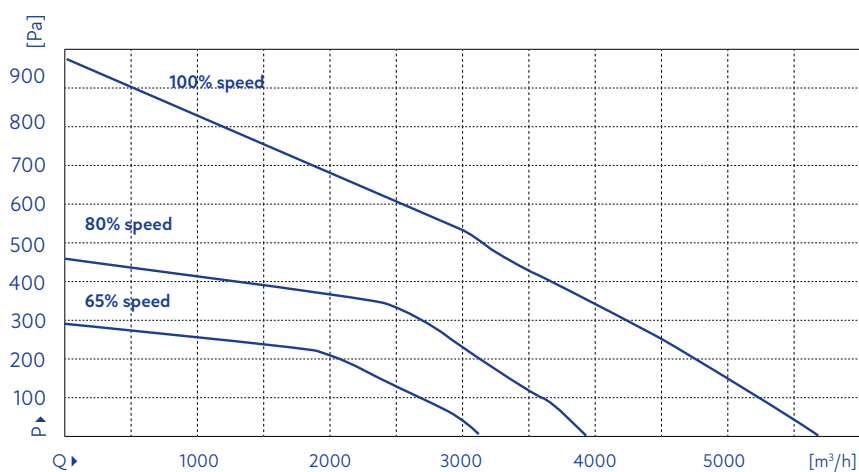
EC Backward Curved Centrifugal Fan+



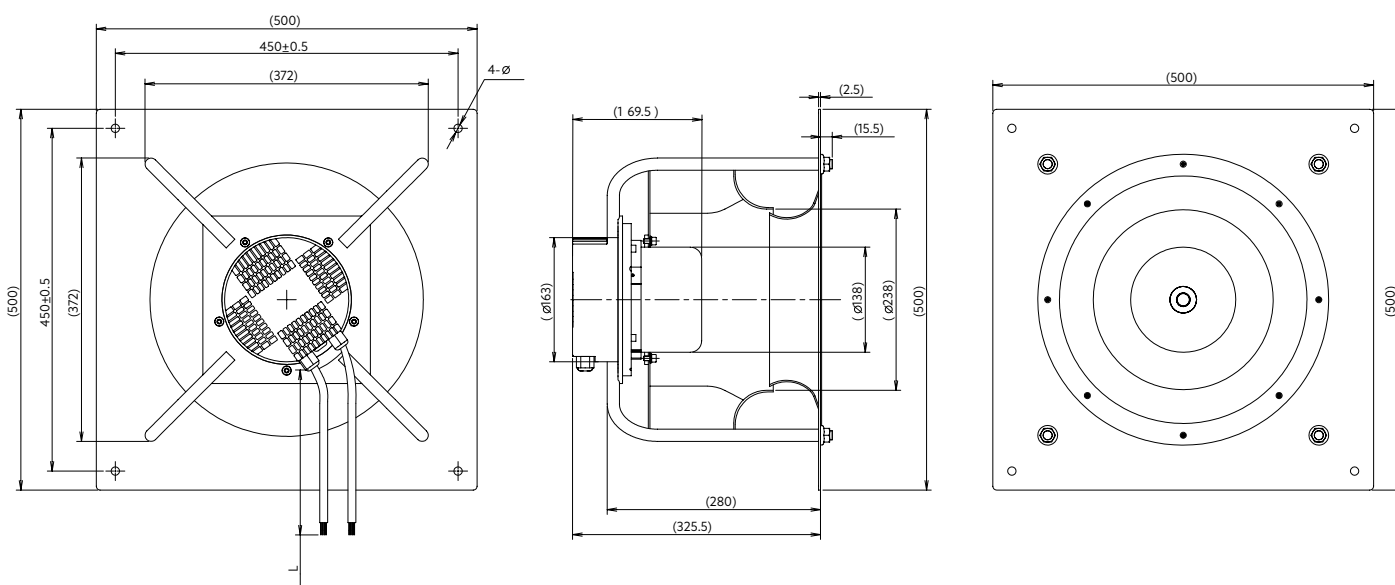
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.46 A
Power input	725 W
Speed	2100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	94 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC137-901

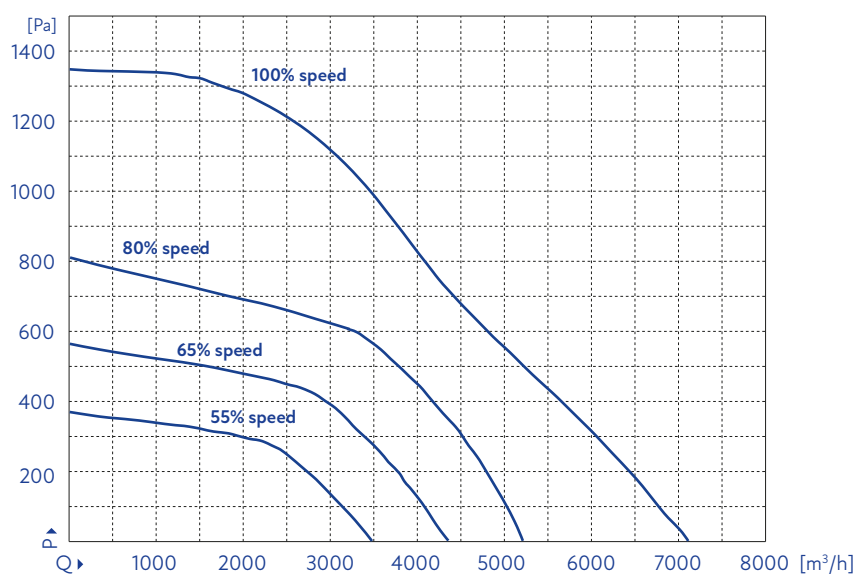
EC Backward Curved Centrifugal Fan+



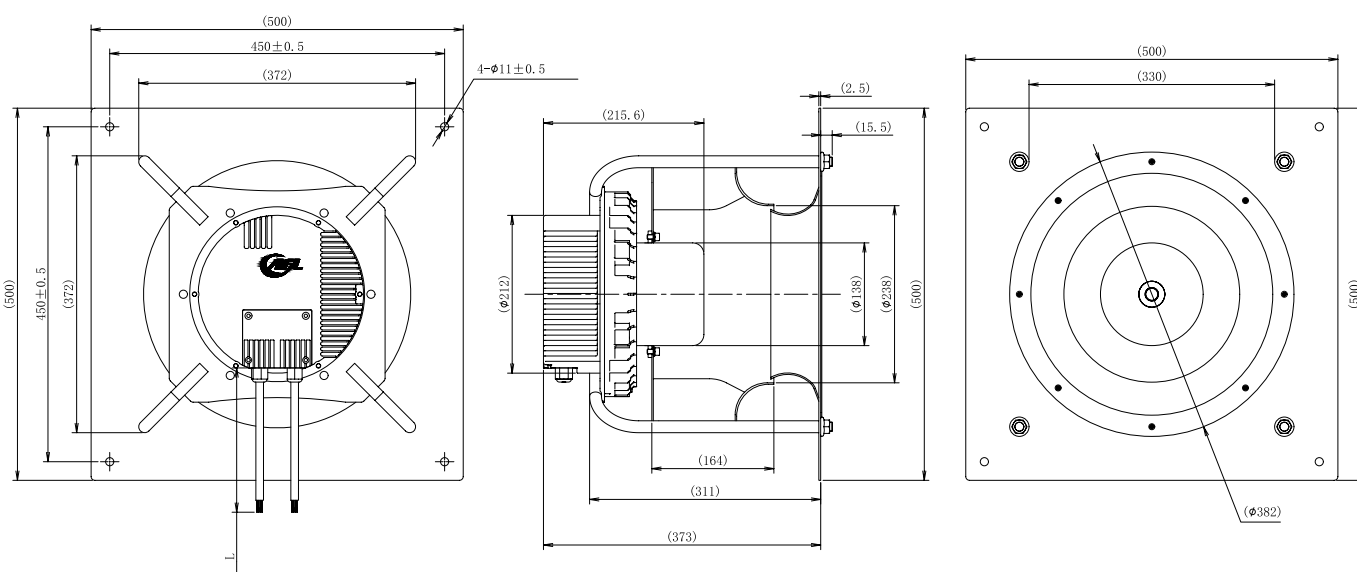
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.8 A
Power input	1700 W
Speed	2700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC188-010

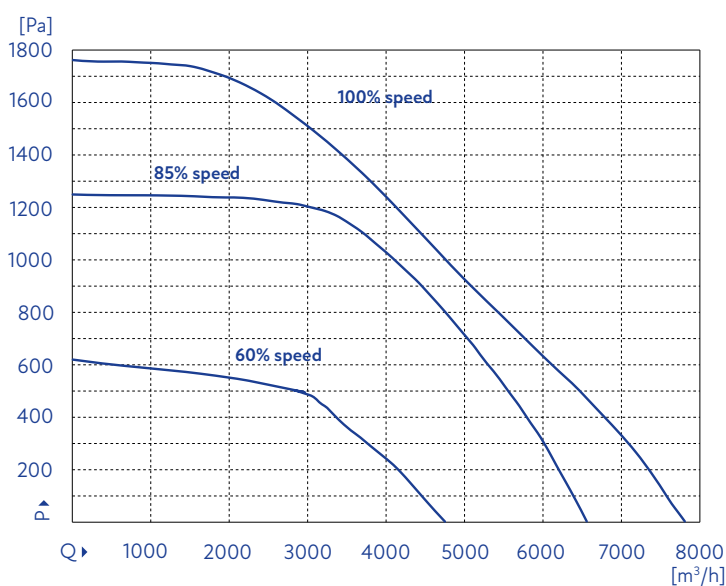
EC Backward Curved Centrifugal Fan+



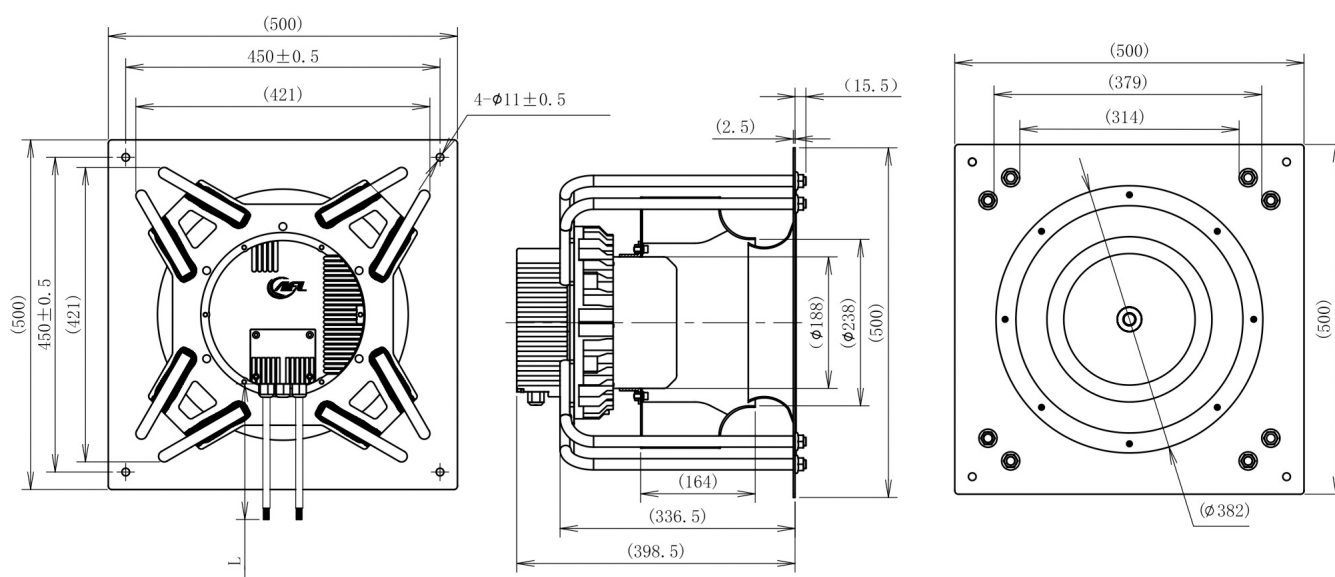
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.2 A
Power input	2500 W
Speed	3200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	96 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P355-EC188-024

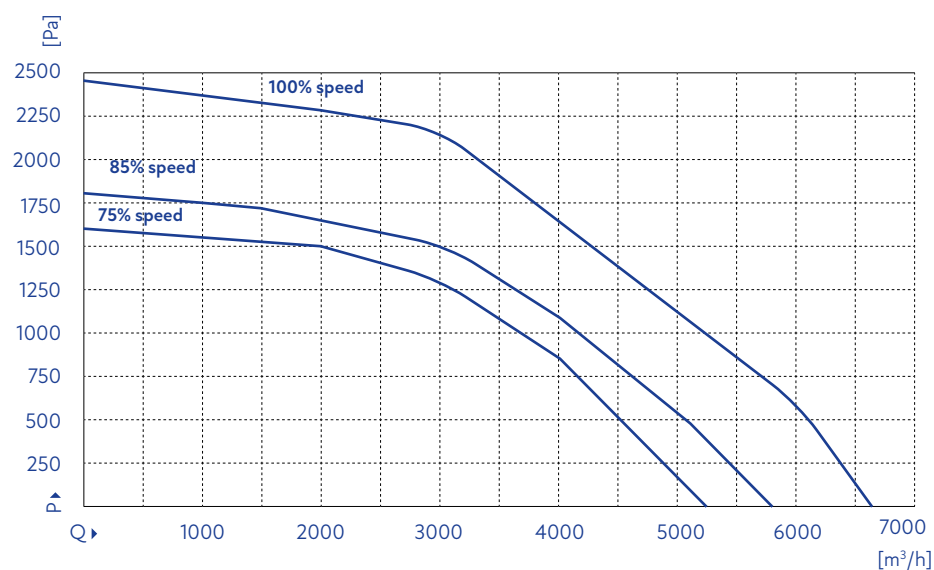
EC Backward Curved Centrifugal Fan+



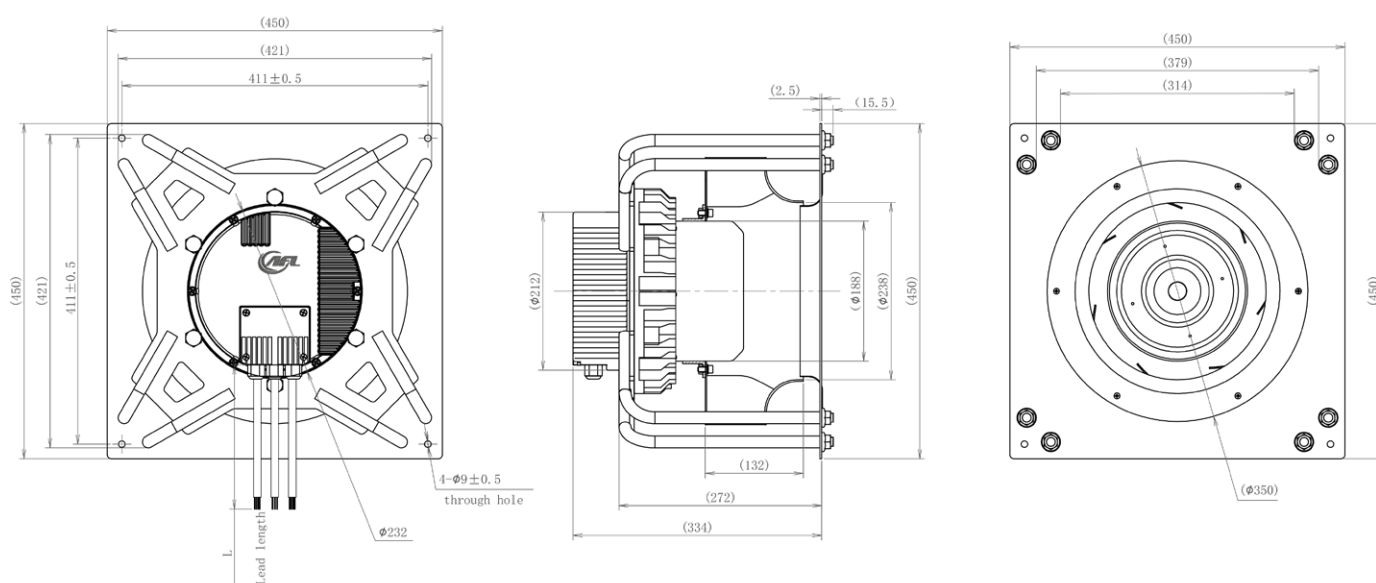
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	5.2 A
Power input	3100 W
Speed	3800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	96 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P400-EC102-013

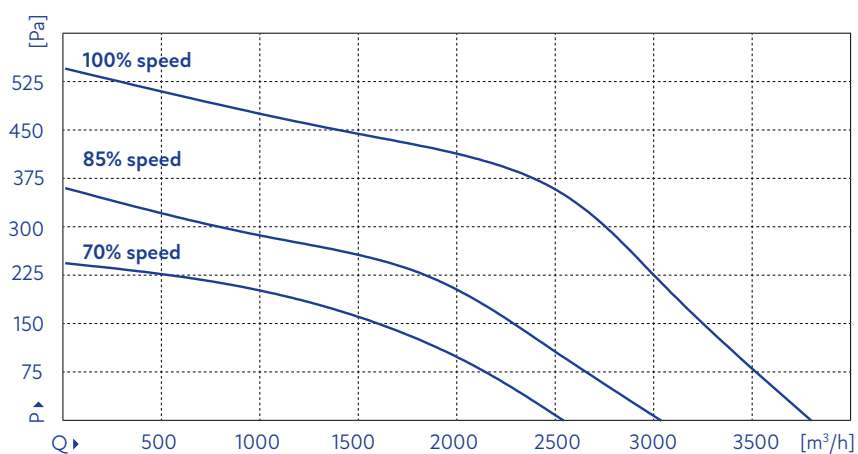
EC Backward Curved Centrifugal Fan+



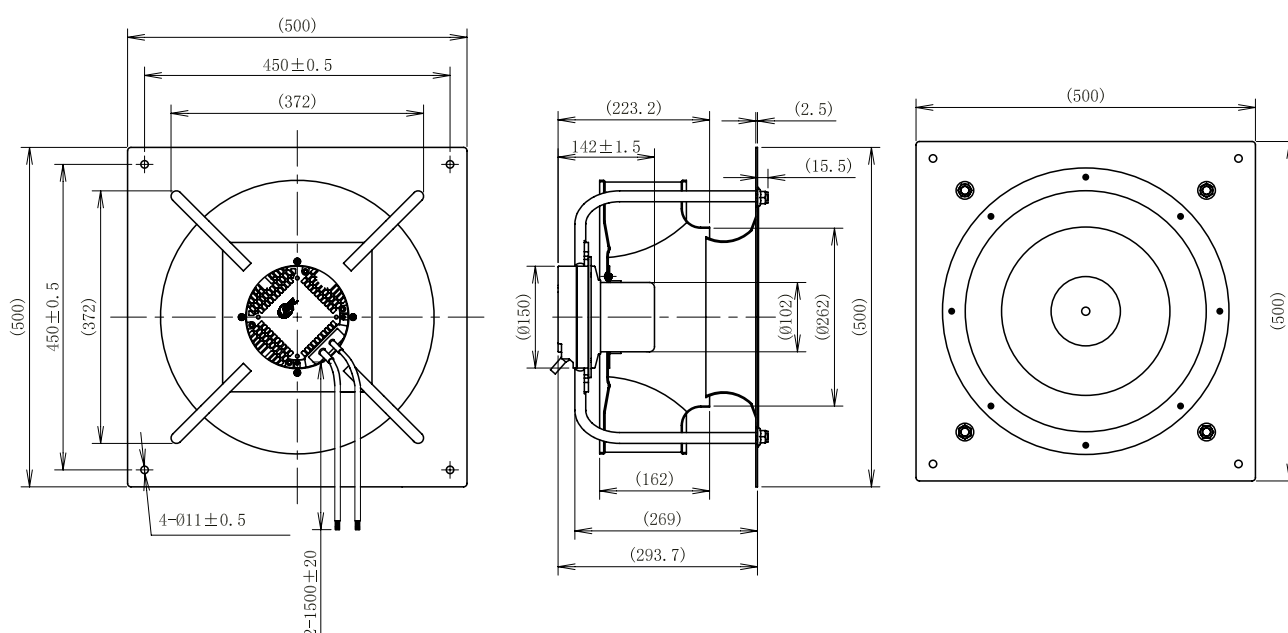
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.5 A
Power input	330 W
Speed	1430 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	70 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P400-EC137-010

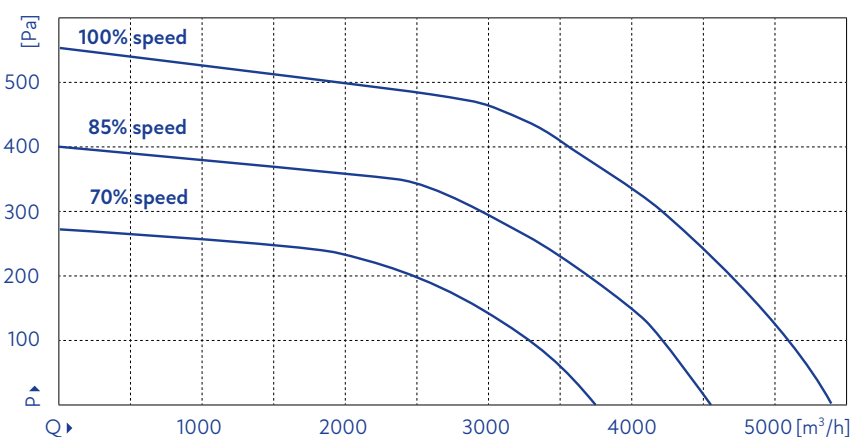
EC Backward Curved Centrifugal Fan+



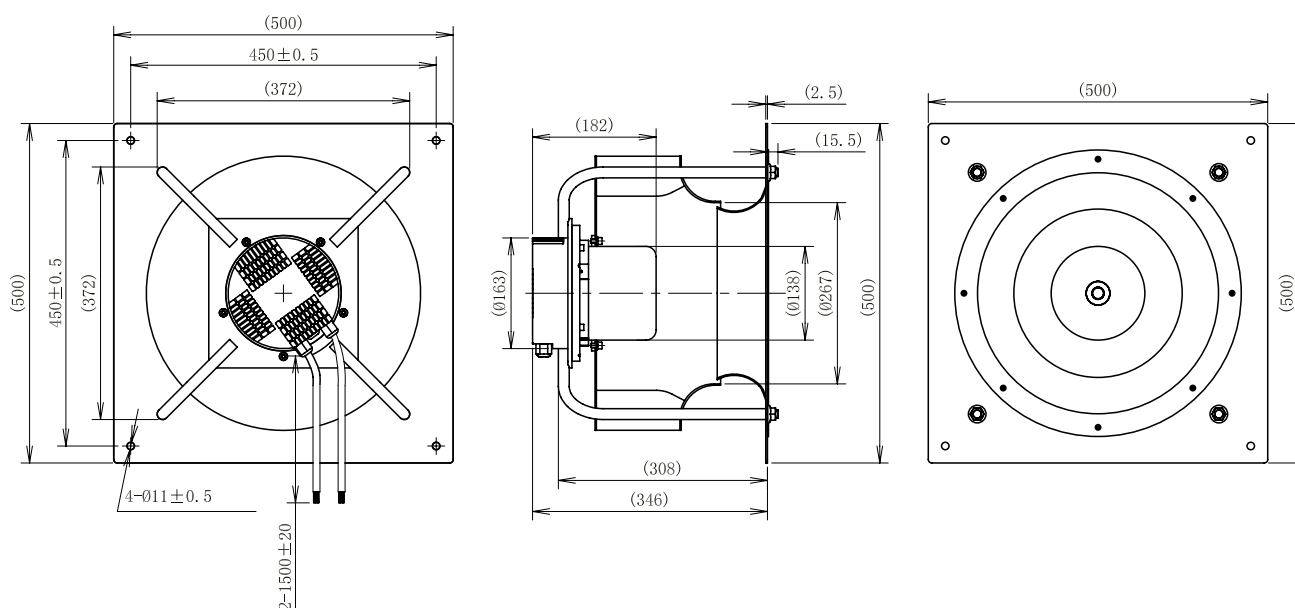
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.22 A
Power input	725 W
Speed	1550 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P400-EC137-201

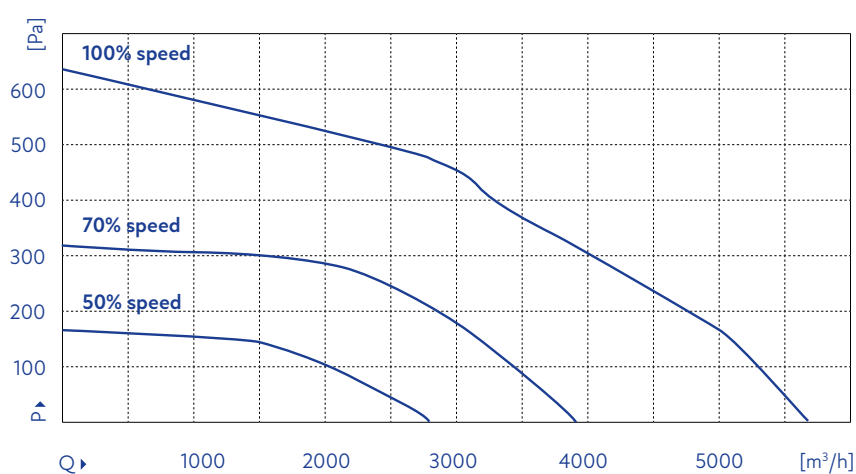
EC Backward Curved Centrifugal Fan+



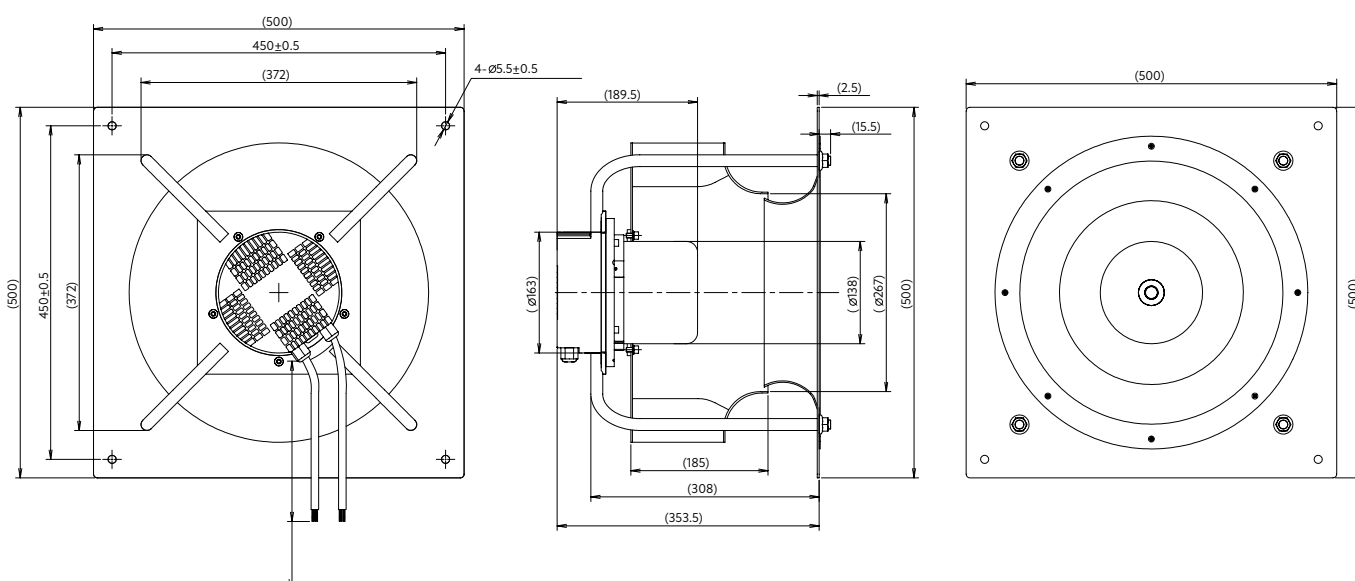
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.4 A
Power input	725 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	80 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P400-EC137-901

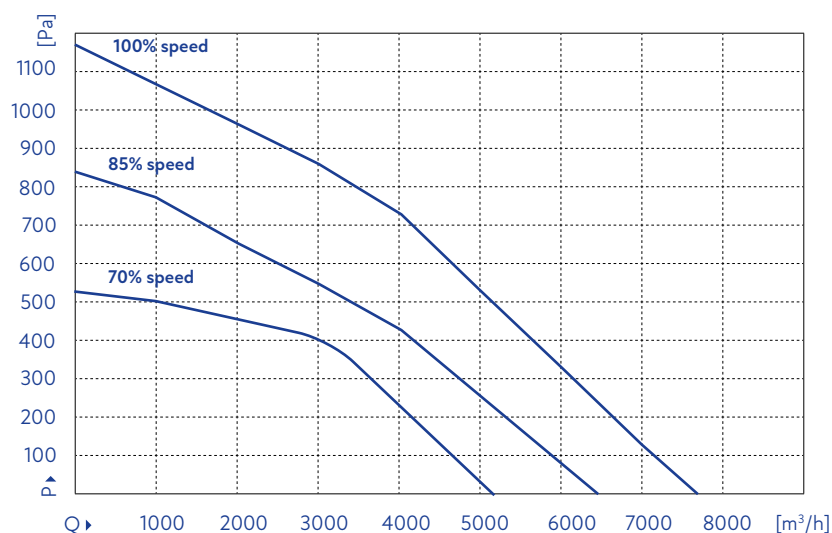
EC Backward Curved Centrifugal Fan+



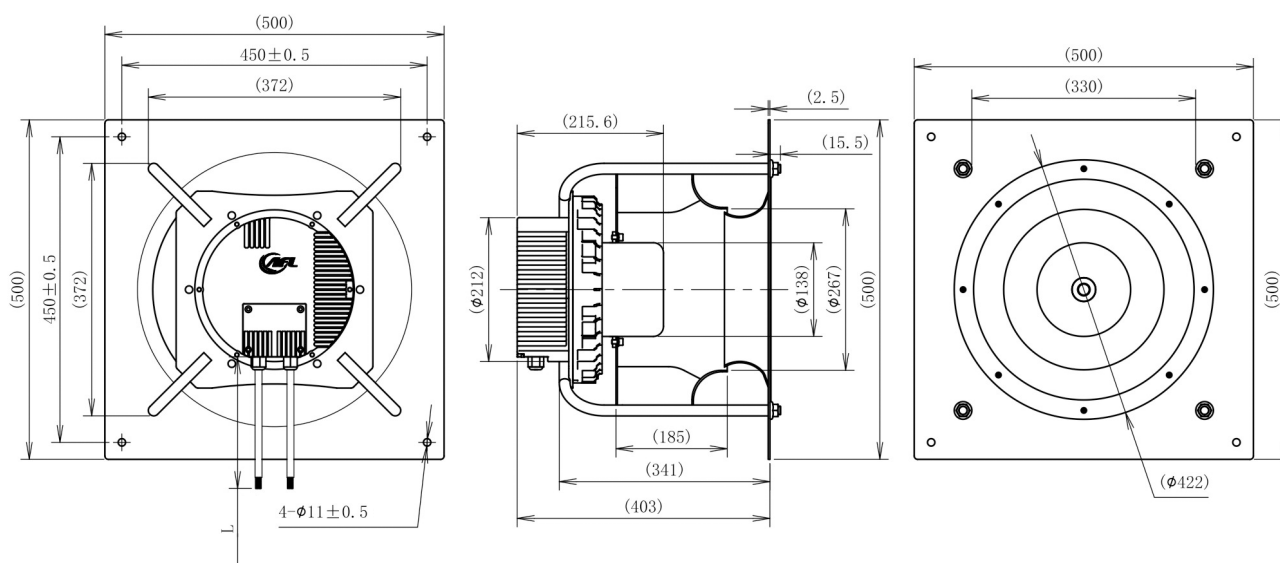
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.9 A
Power input	1700 W
Speed	2250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	87 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P400-EC188-010

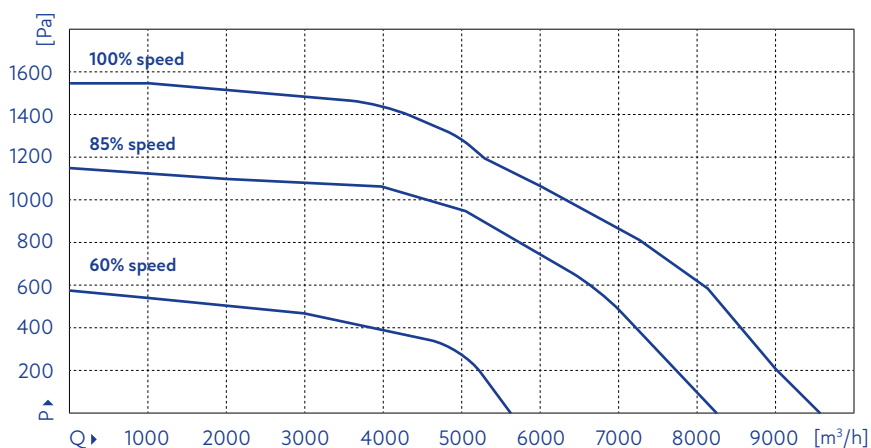
EC Backward Curved Centrifugal Fan+



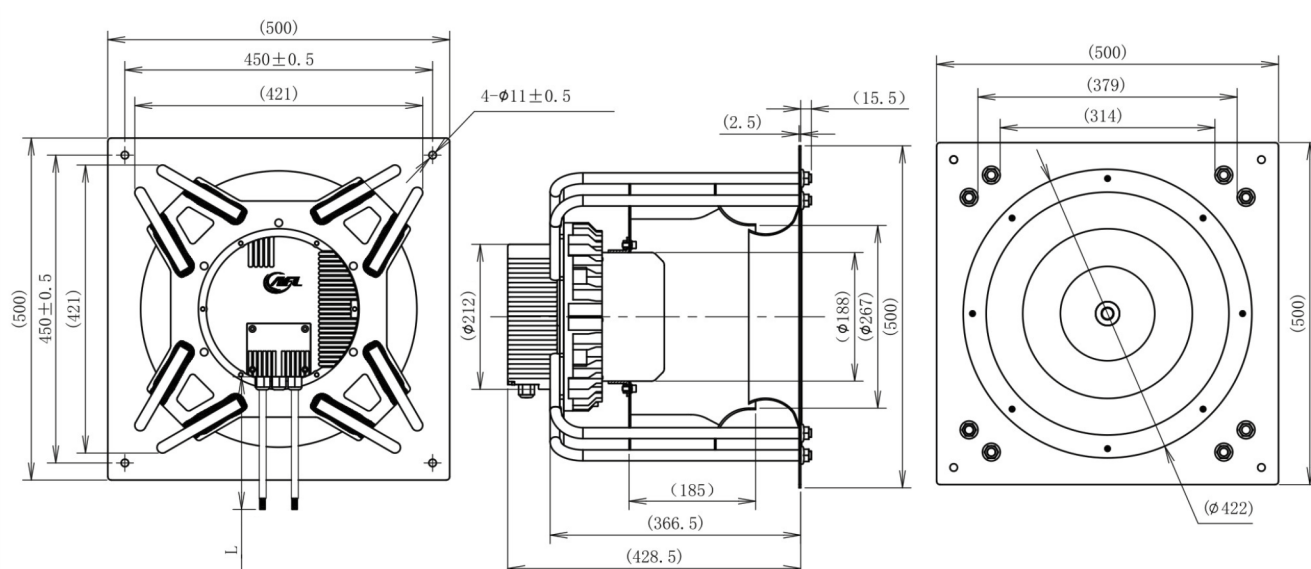
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.2 A
Power input	2500 W
Speed	2650 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P450-EC137-201

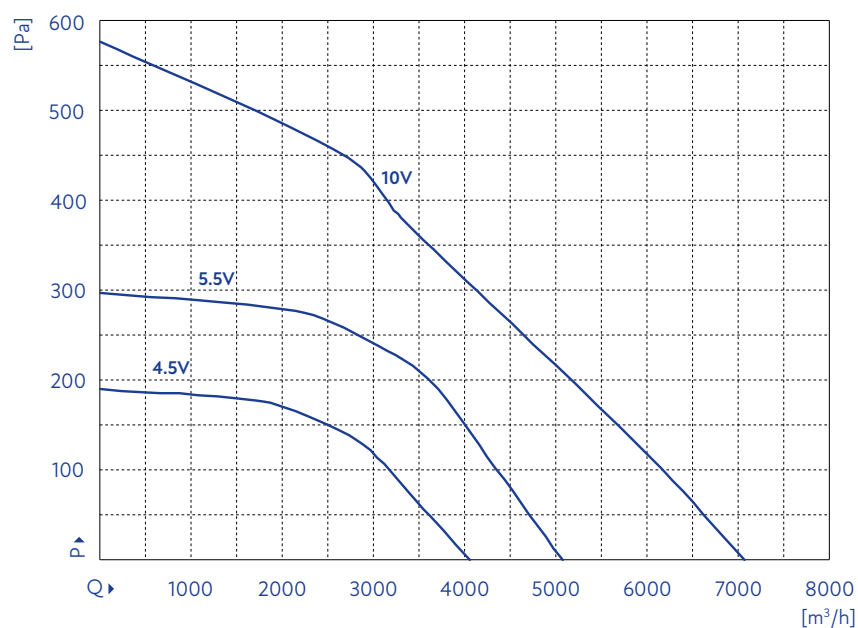
EC Backward Curved Centrifugal Fan+



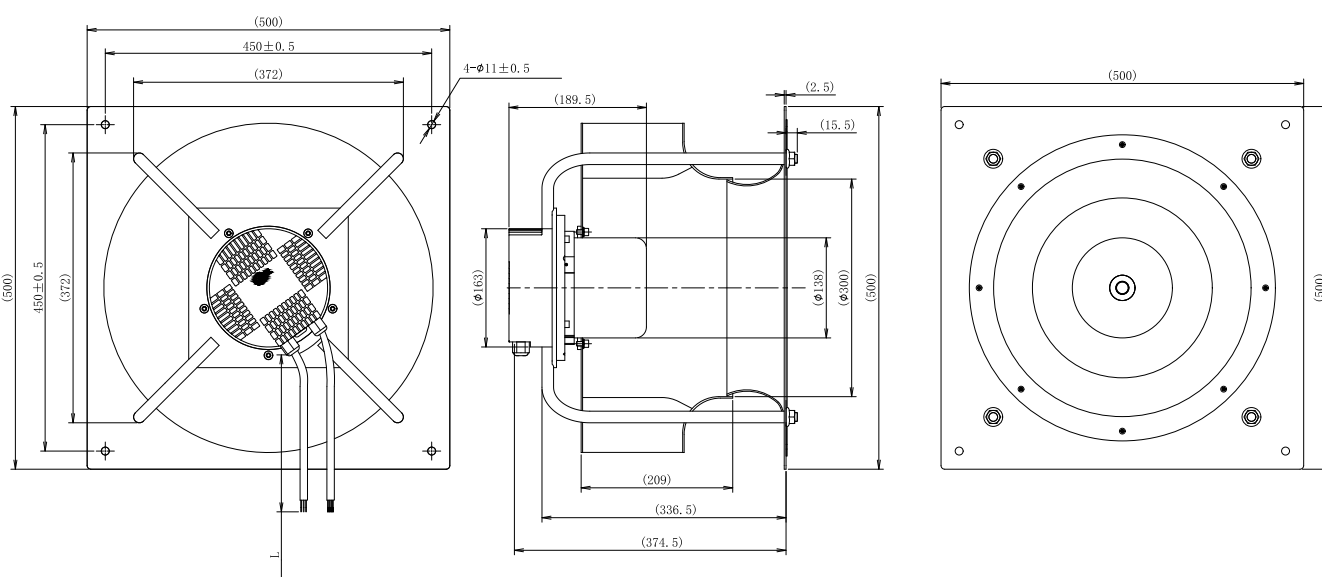
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.3 A
Power input	700 W
Speed	1450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	84 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P450-EC137-010

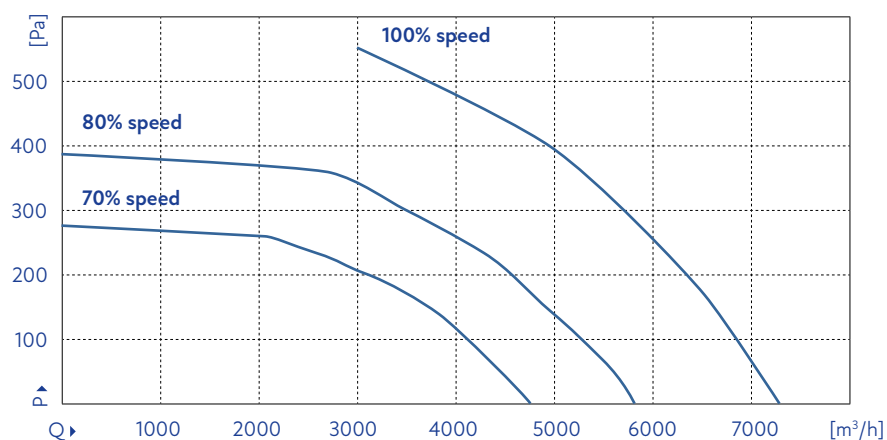
EC Backward Curved Centrifugal Fan+



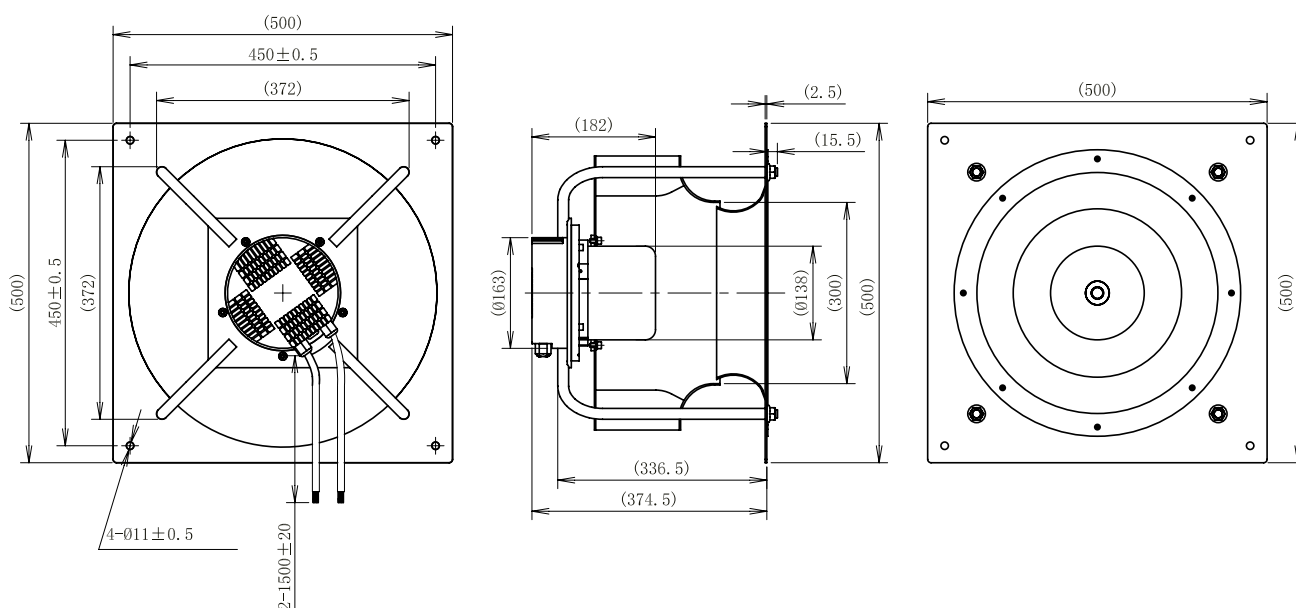
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.67 A
Power input	1006 W
Speed	1450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	73 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P450-EC137-901

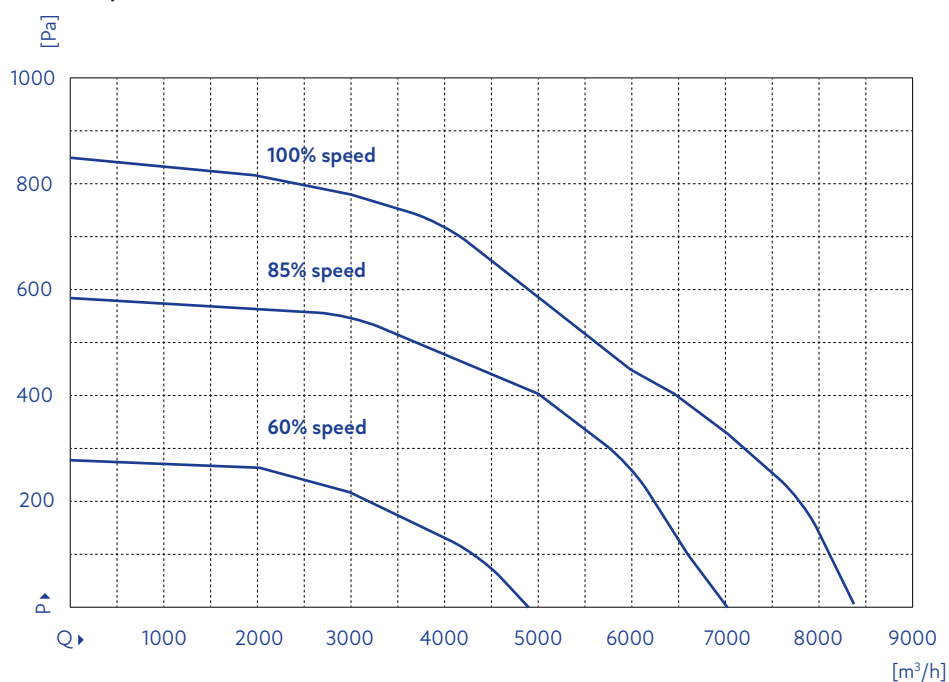
EC Backward Curved Centrifugal Fan+



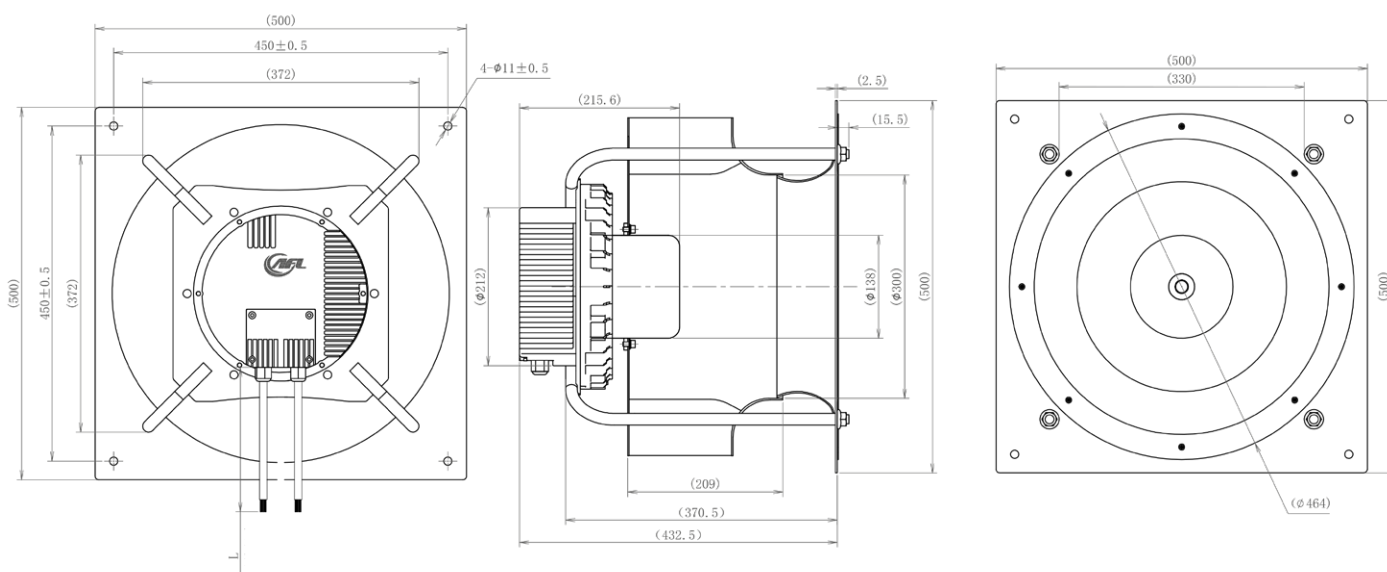
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.15 A
Power input	1250 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-25 ~ +50 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P450-EC188-021

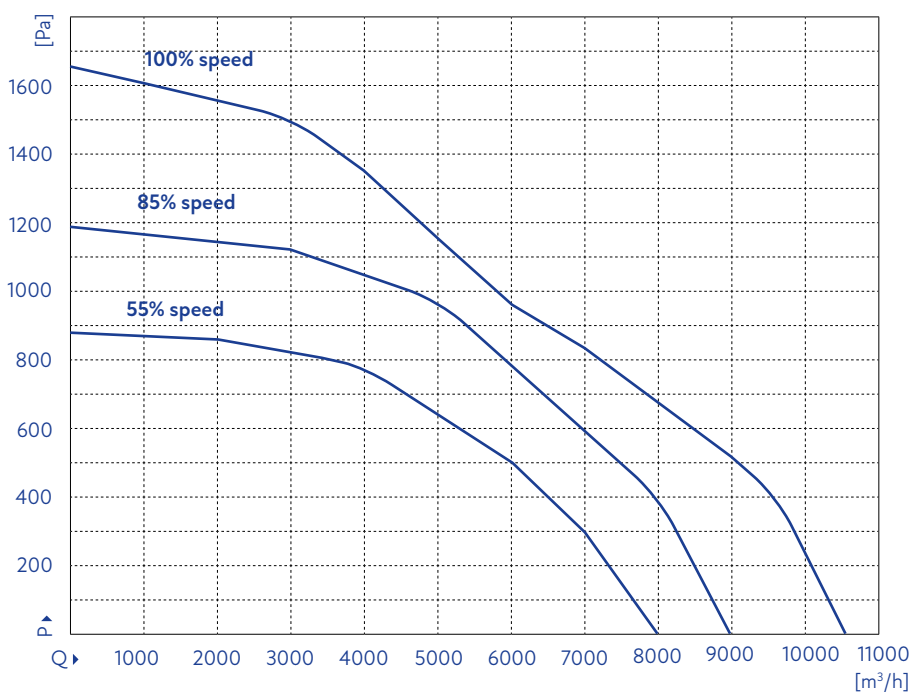
EC Backward Curved Centrifugal Fan+



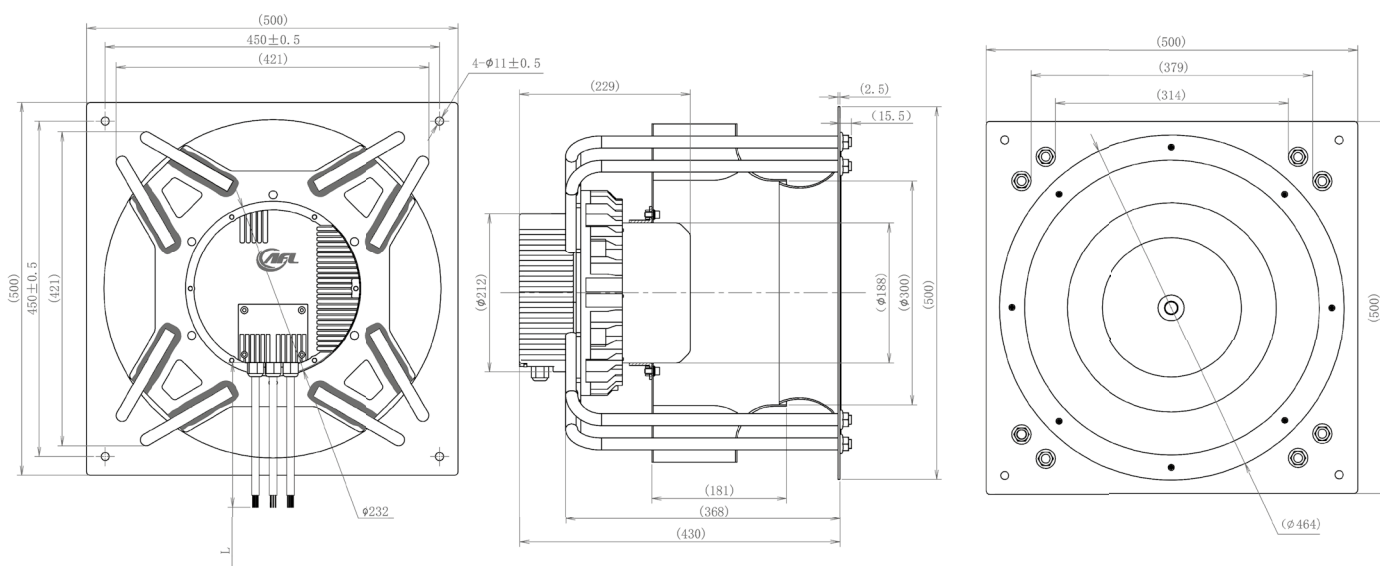
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.0 A
Power input	2400 W
Speed	2400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	92 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P450-EC188-910

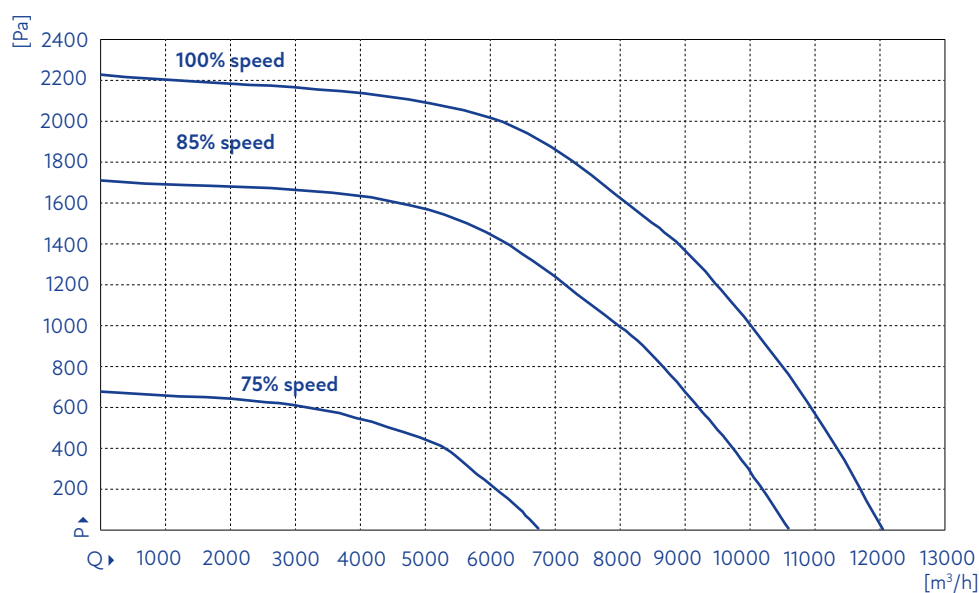
EC Backward Curved Centrifugal Fan



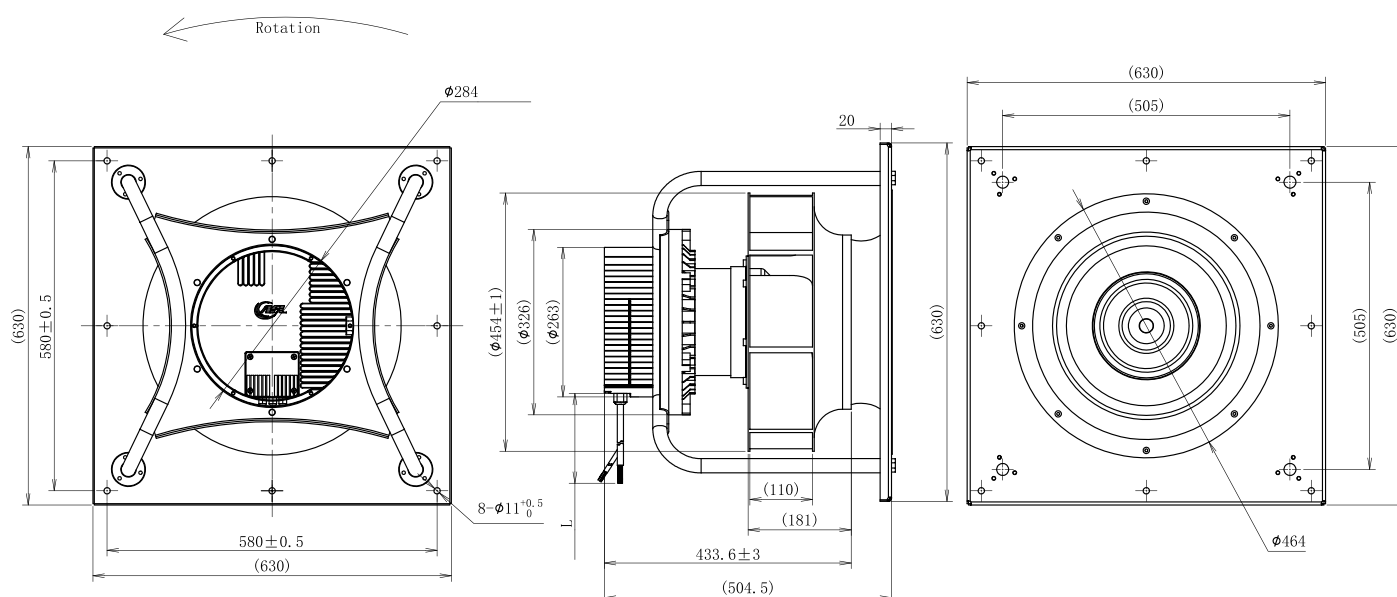
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	8.0 A
Power input	4600 W
Speed	2800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	96 dB
Degree of protection	IP54
Working temperature	-30 ~ +40 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P500-EC137-010

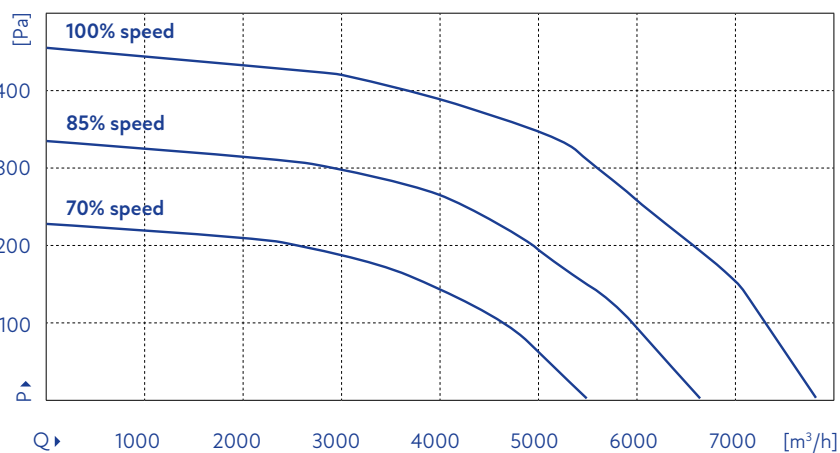
EC Backward Curved Centrifugal Fan+



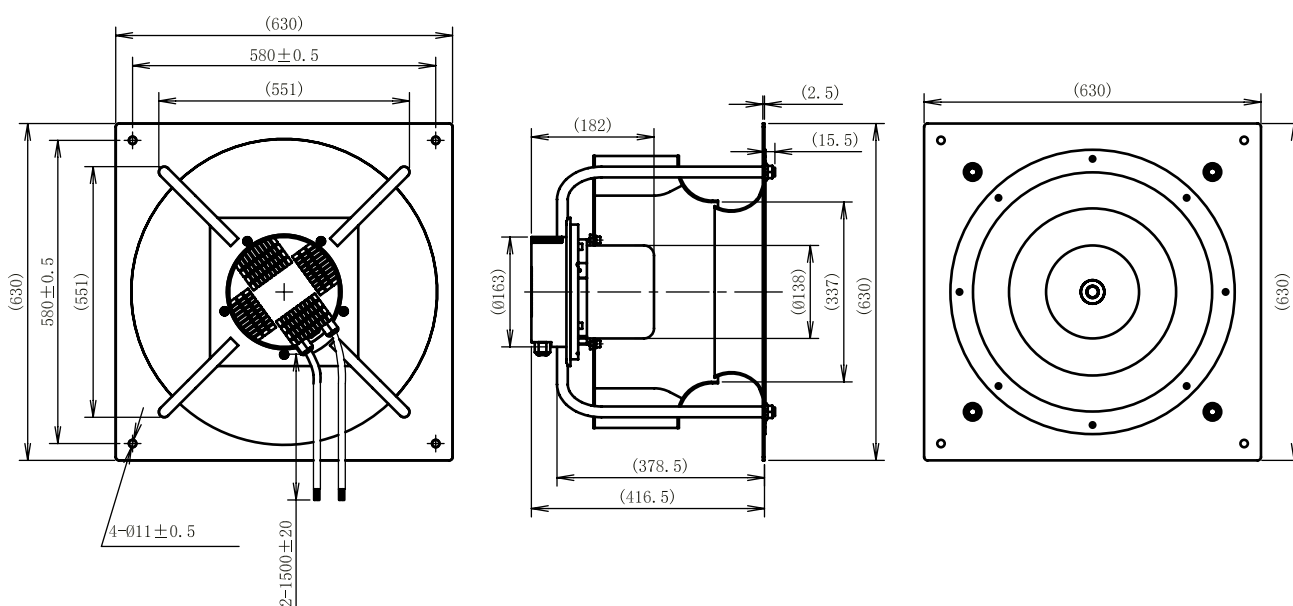
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.46 A
Power input	870 W
Speed	1100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P500-EC188-010

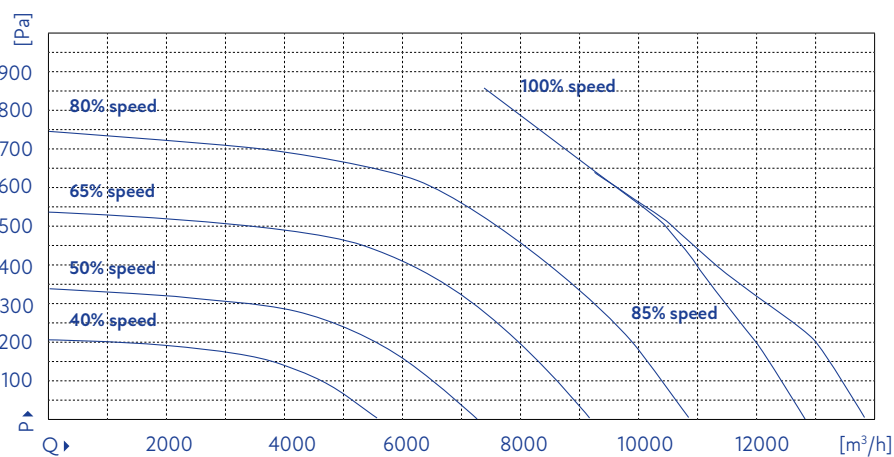
EC Backward Curved Centrifugal Fan+



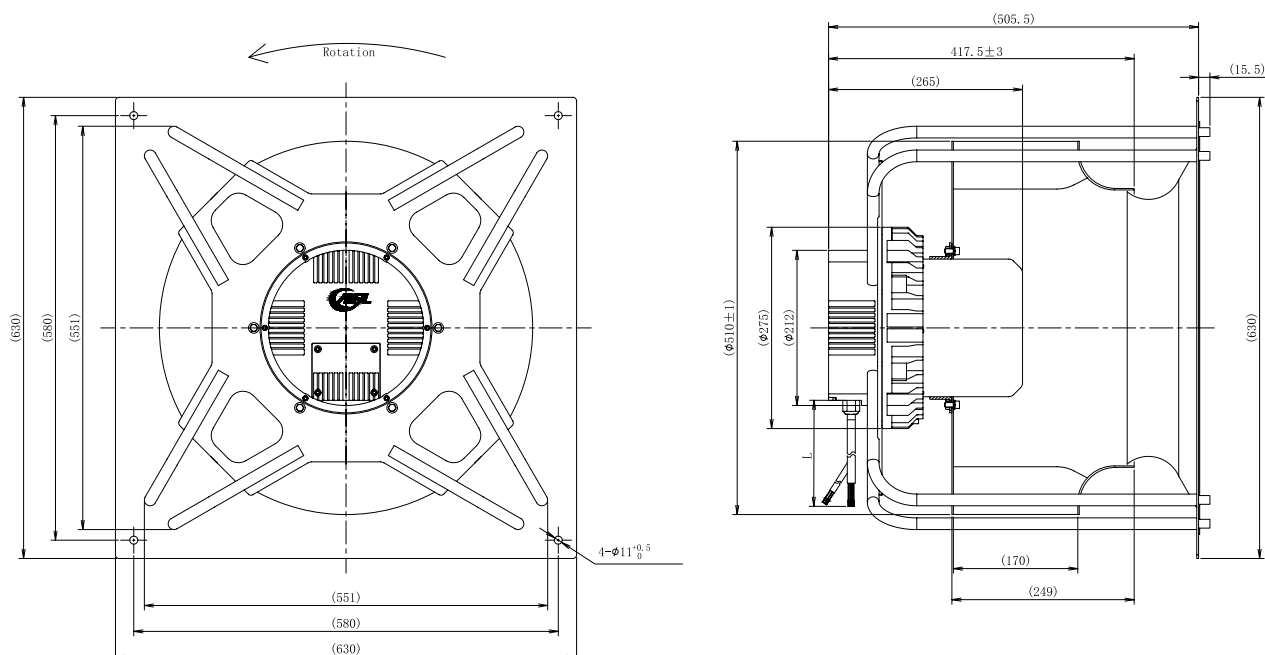
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.95 A
Power input	3000 W
Speed	1800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	89 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



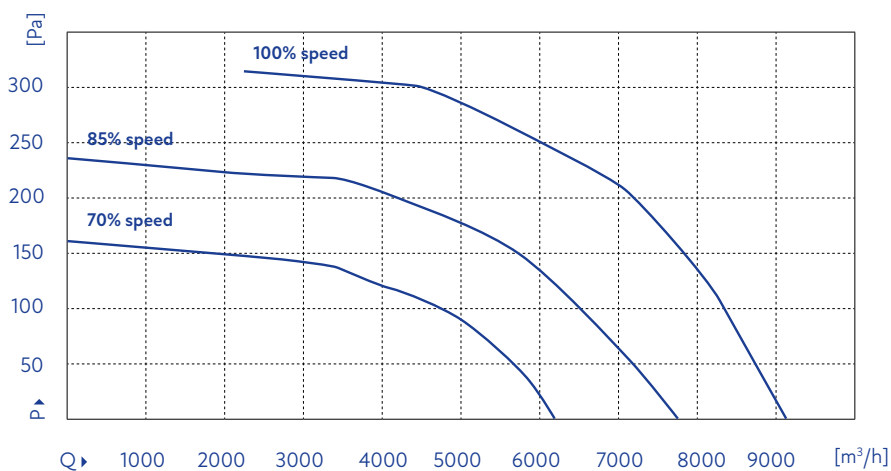
## EC Backward Curved Centrifugal Fan+



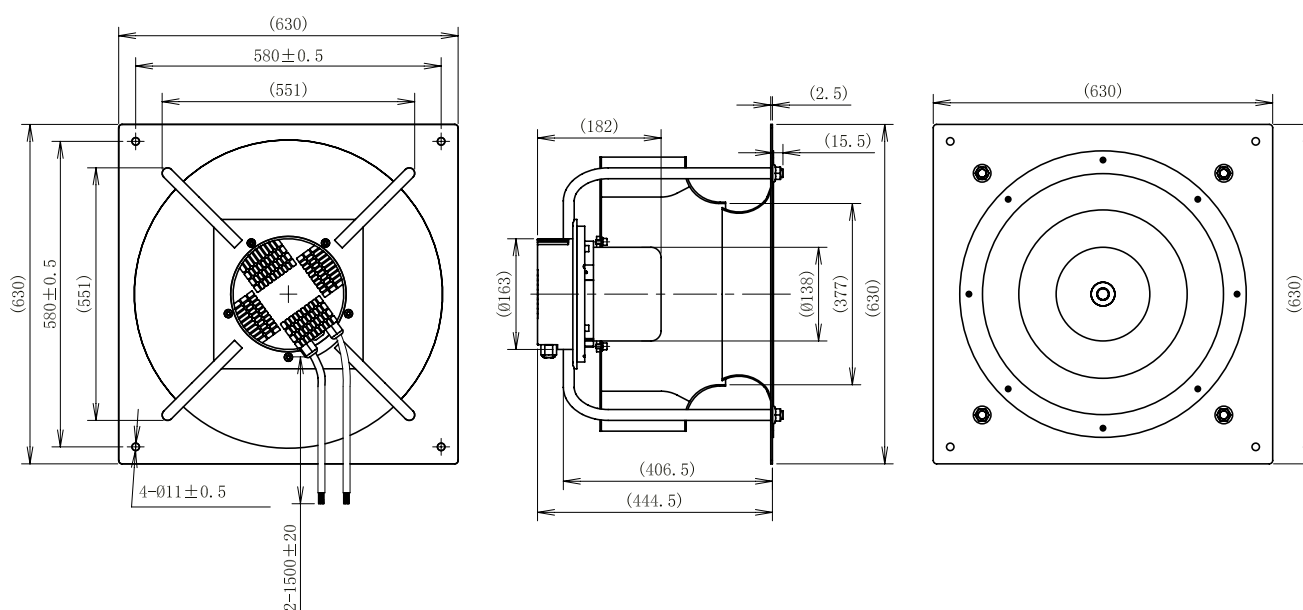
## ■ Technical data

<b>Supply</b>	3x400 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.3 A
<b>Power input</b>	770 W
<b>Speed</b>	850 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	69 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	F
<b>Impeller material</b>	sheet aluminium

- Air performance

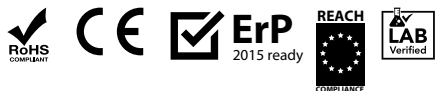


- Product drawing



# Model No. B3P560-EC188-010

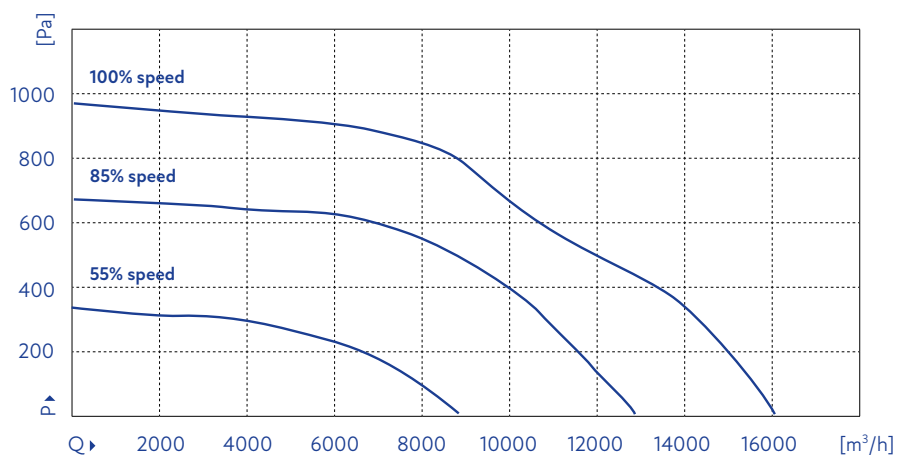
EC Backward Curved Centrifugal Fan+



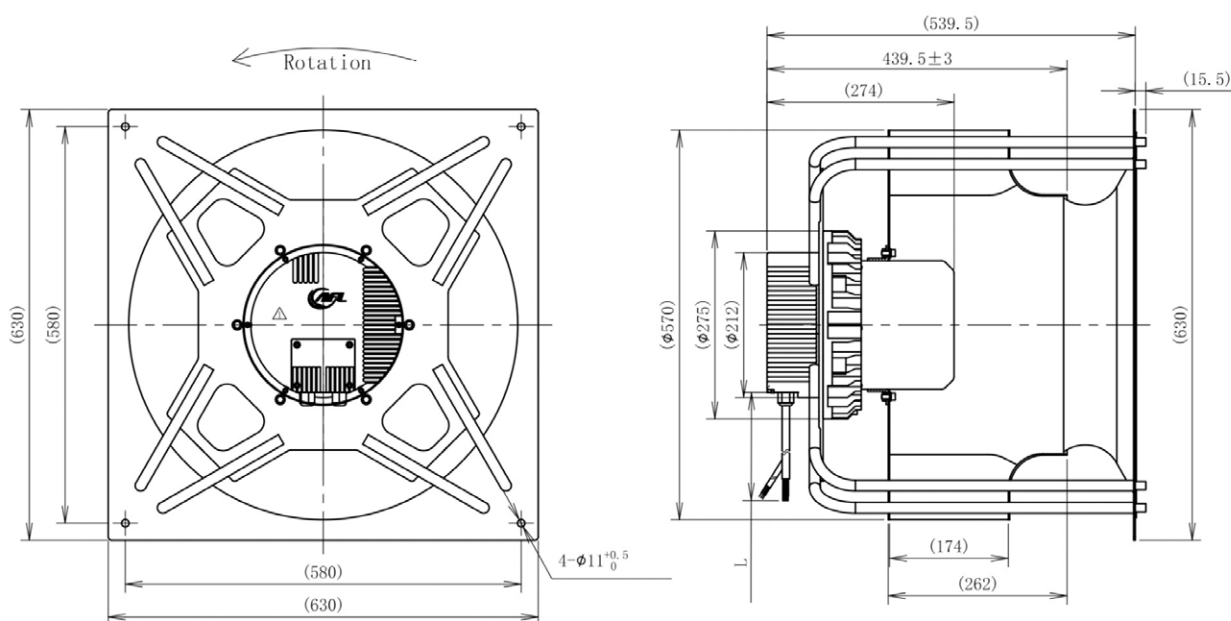
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.4 A
Power input	2770 W
Speed	1520 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





# Model No. B3P560-EC188-921

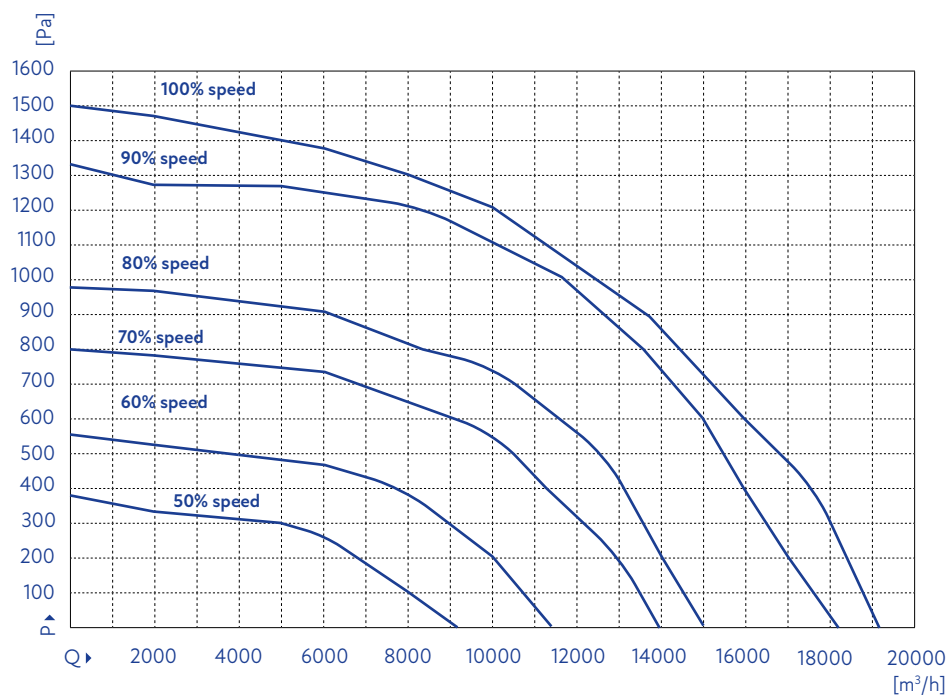
EC Backward Curved Centrifugal Fan+



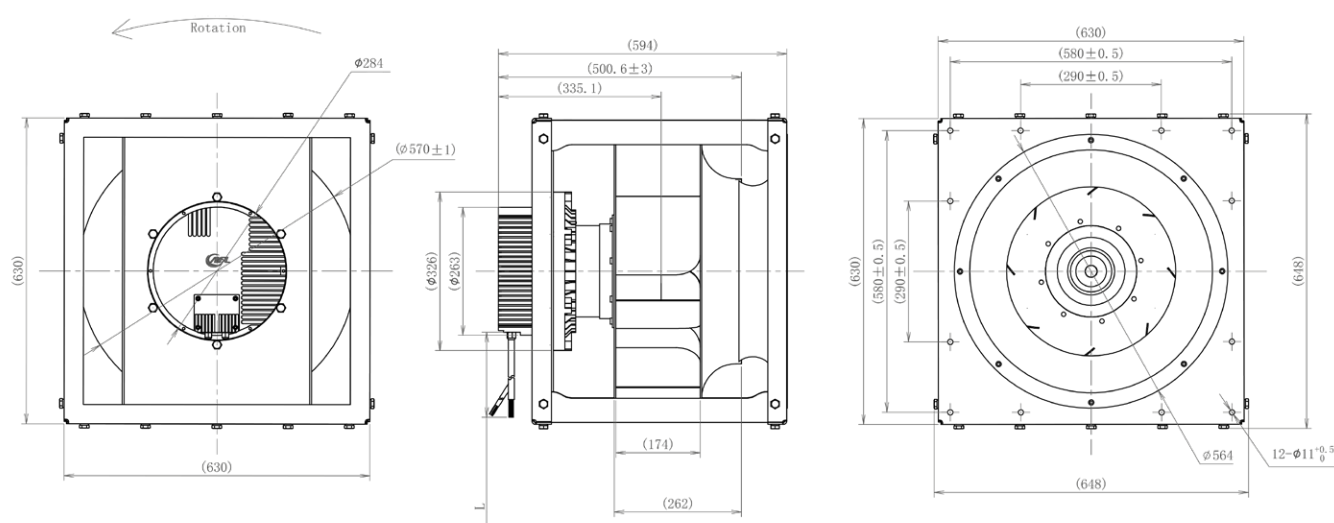
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	7.9 A
Power input	4700 W
Speed	1850 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	91 dB
Degree of protection	IP54
Working temperature	-30 ~ +60°C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing



# Model No. B3P630-EC188-010

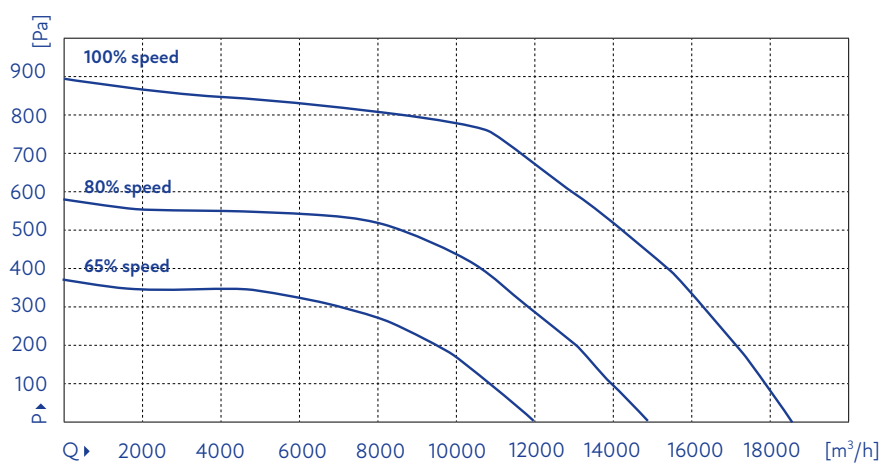
EC Backward Curved Centrifugal Fan+



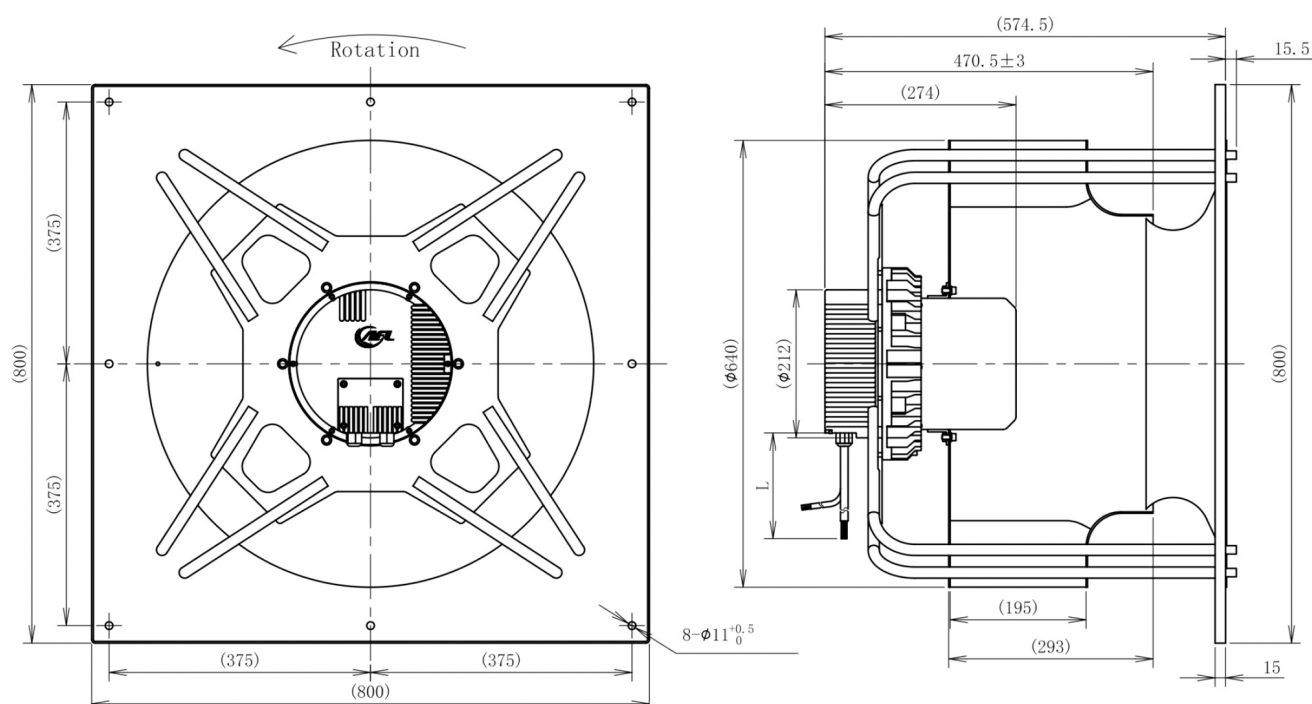
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.4 A
Power input	2700 W
Speed	1250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	85 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance



## Product drawing





## **EC Single Inlet Forward Curved Centrifugal Fans**

# Model No. F3P120-EC072-610

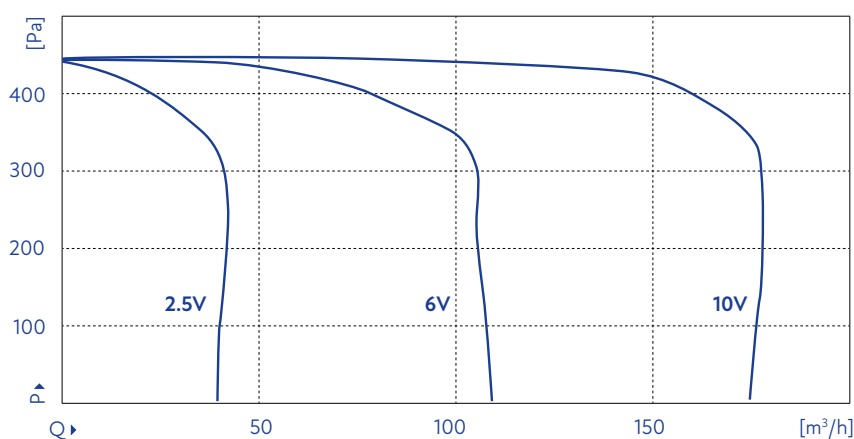
EC Single Inlet Forward Curved Centrifugal Fan



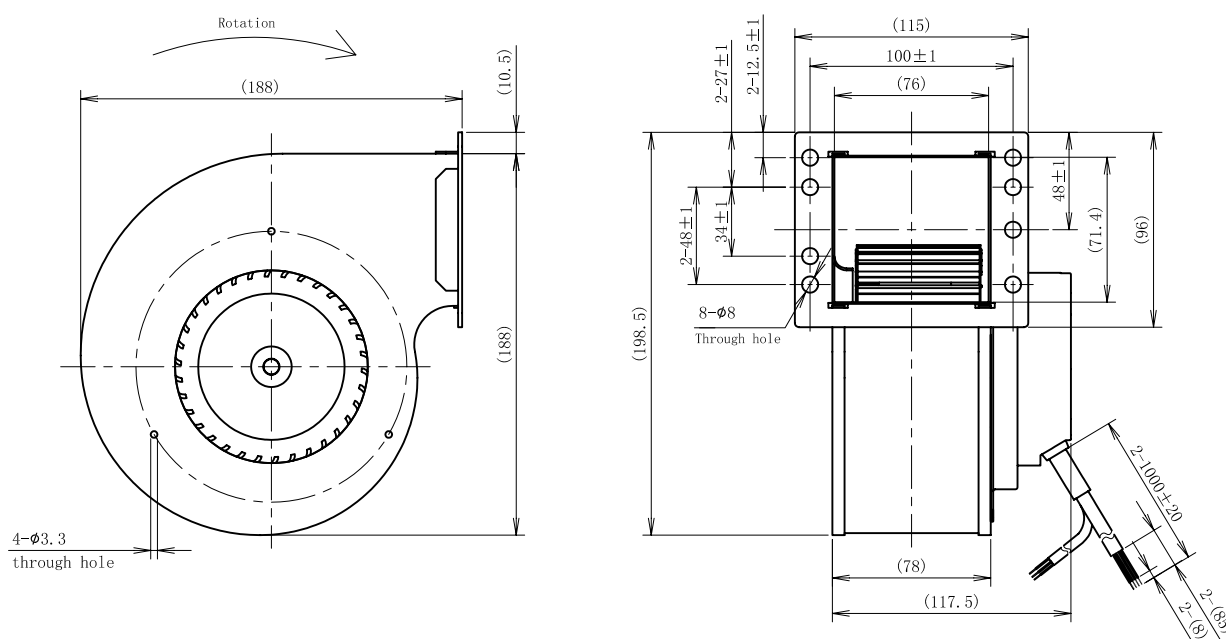
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.1 A
Power input	10 W
Speed	1200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	44 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

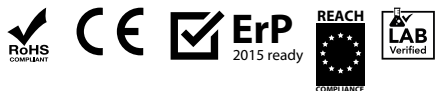
## Air performance



## Product drawing



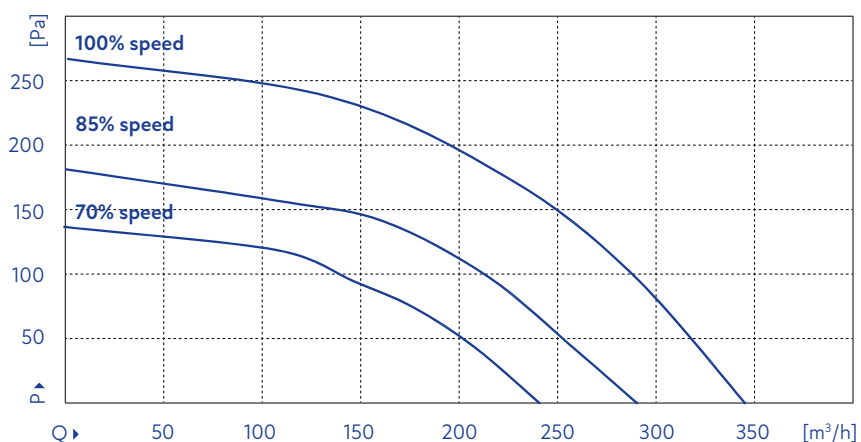
## EC Single Inlet Forward Curved Centrifugal Fan



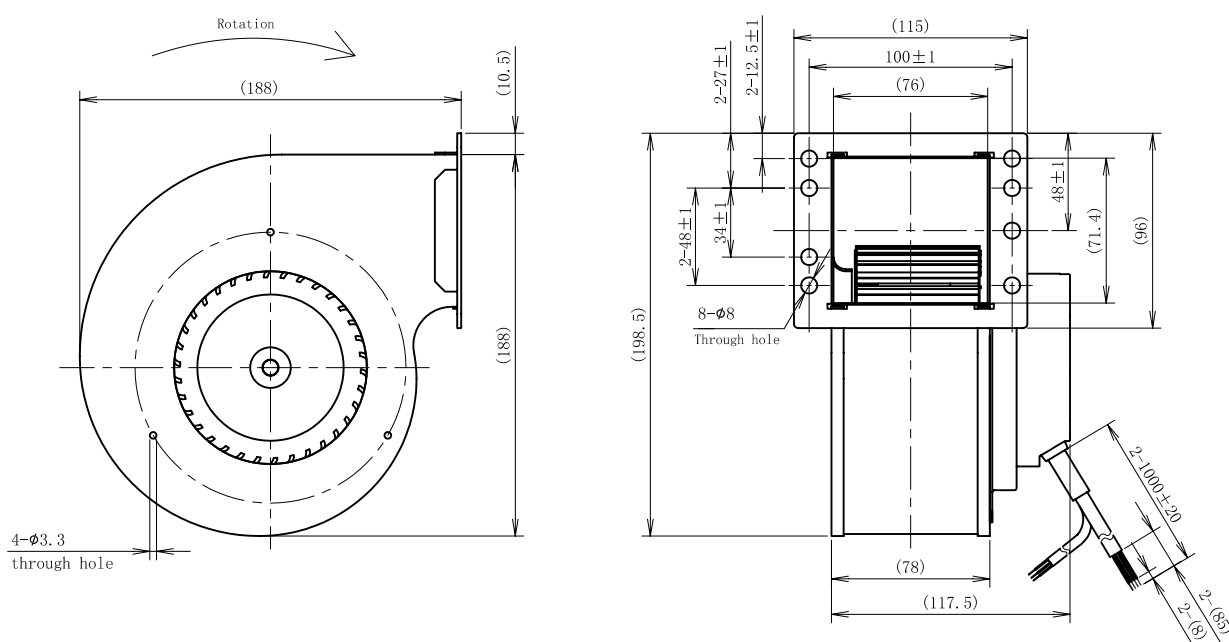
## ■ Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	0.5 A
<b>Power input</b>	70 W
<b>Speed</b>	2400 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	60 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	PA66

- Air performance



- Product drawing



# Model No. F3P120-EC072-606

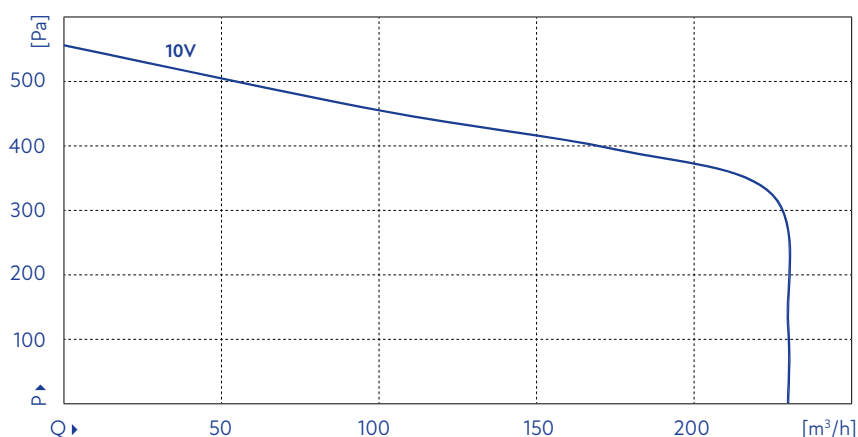
EC Single Inlet Forward Curved Centrifugal Fan



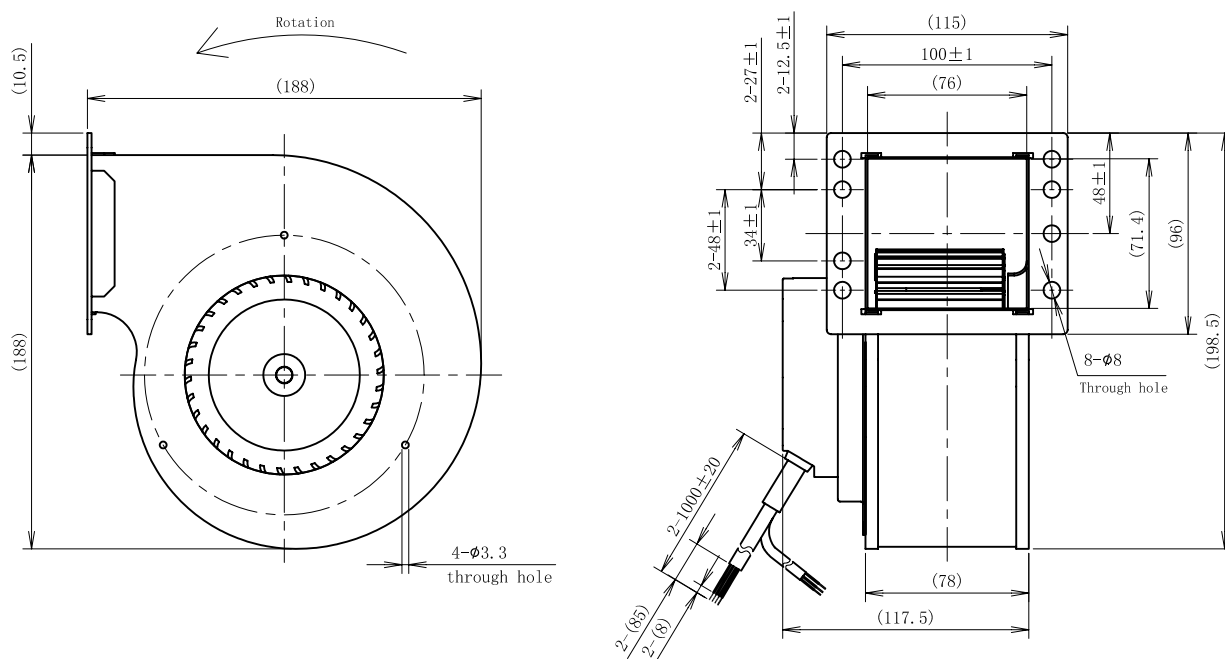
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.24 A
Power input	30 W
Speed	1740 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	60 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P120-EC072-623

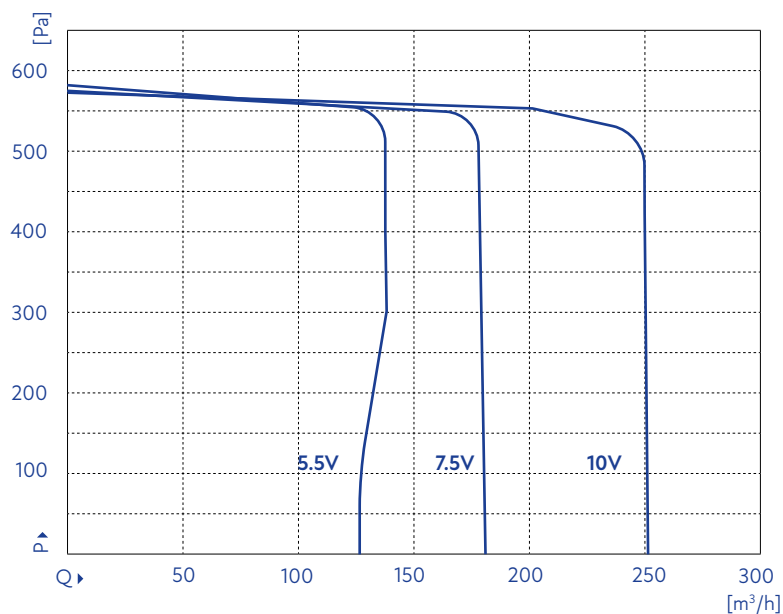
EC Dual Inlet Forward Curved Centrifugal Fans



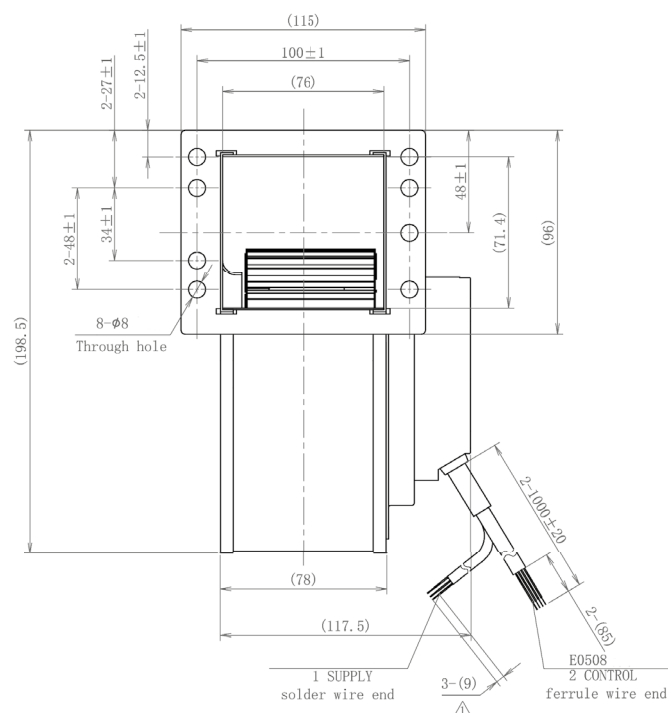
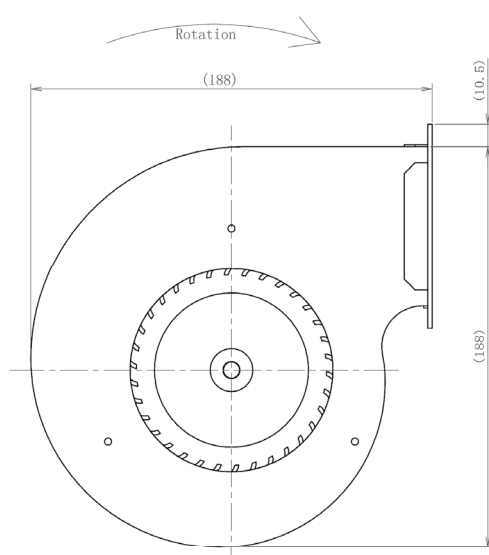
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.25 A
Power input	35 W
Speed	1850 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	44 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



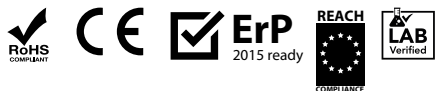
## Product drawing





# Model No. F3P120-EC072-001

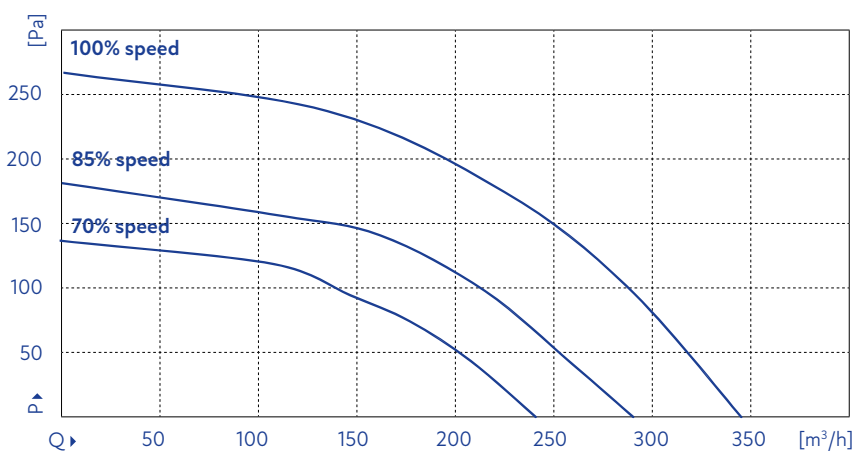
EC Single Inlet Forward Curved Centrifugal Fan



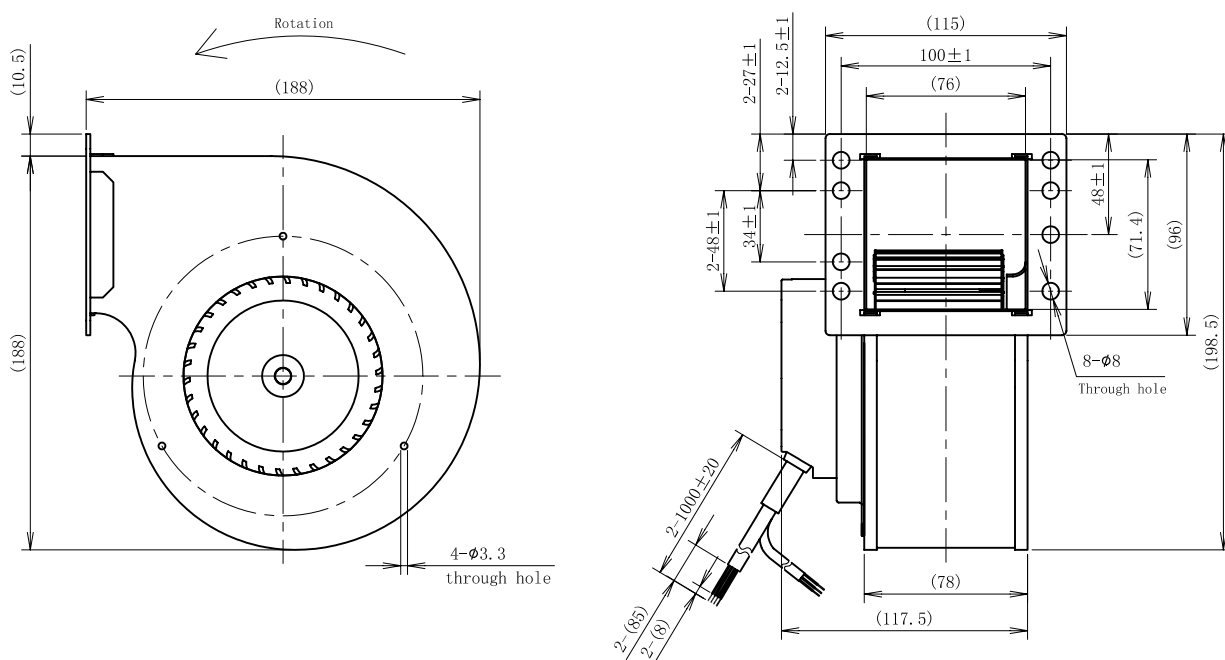
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.5 A
Power input	70 W
Speed	2400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	60 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P133-EC072-600

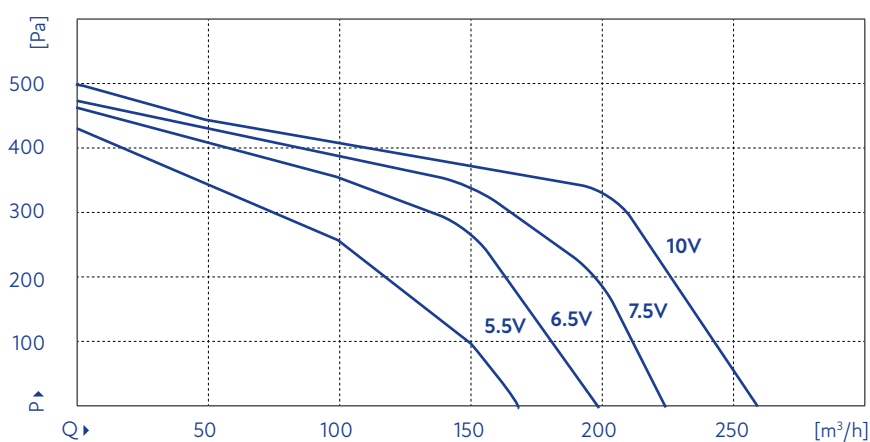
EC Single Inlet Forward Curved Centrifugal Fan



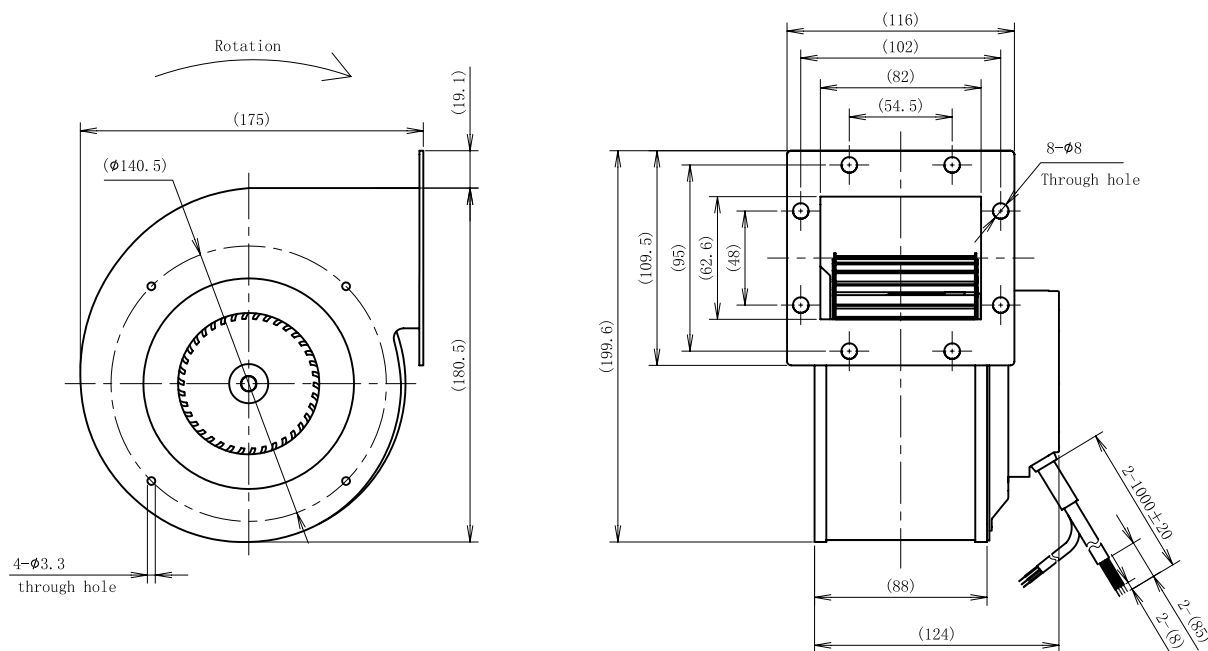
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.2 A
Power input	25 W
Speed	1550 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	63 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



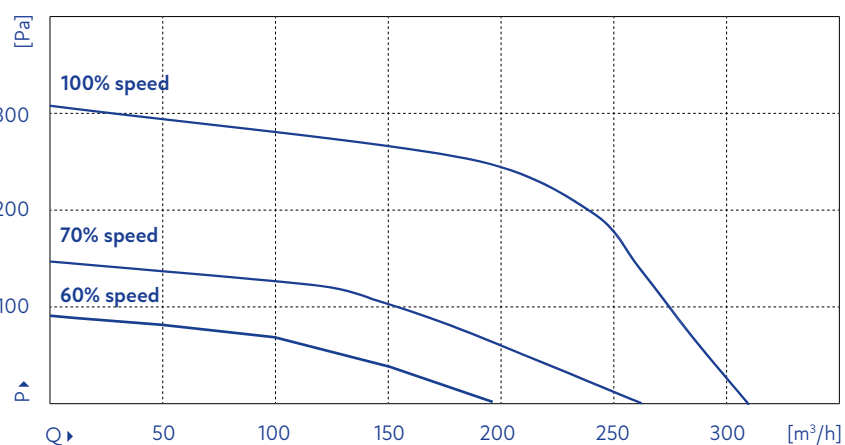
## EC Single Inlet Forward Curved Centrifugal Fan



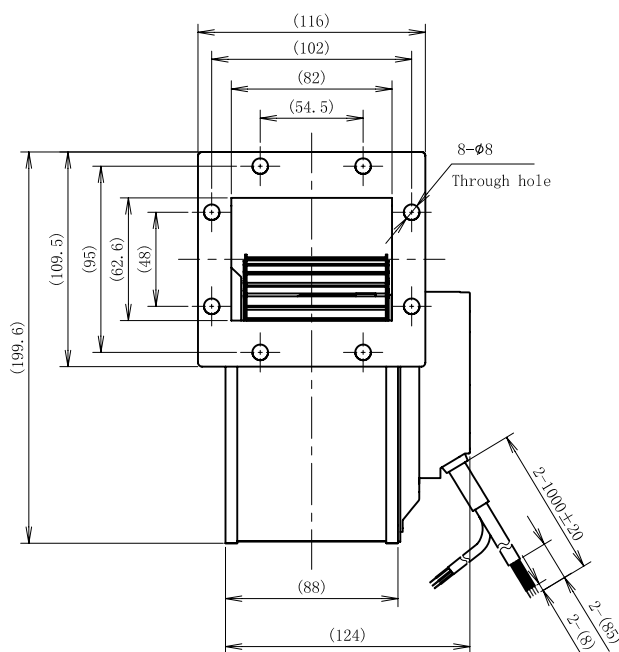
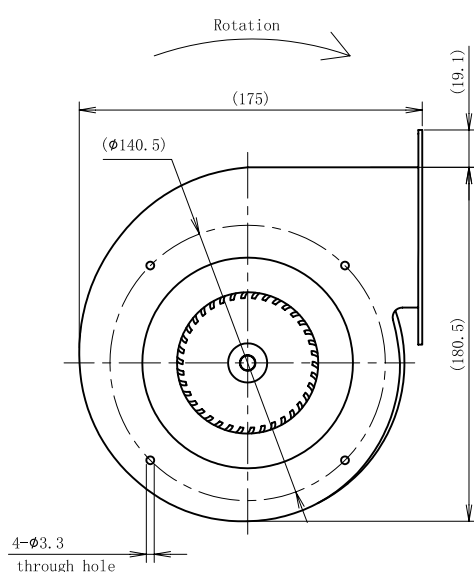
## ■ Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	0.5 A
<b>Power input</b>	65 W
<b>Speed</b>	2100 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	59 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	PA66

- Air performance



- Product drawing



# Model No. F3P140-EC072-625

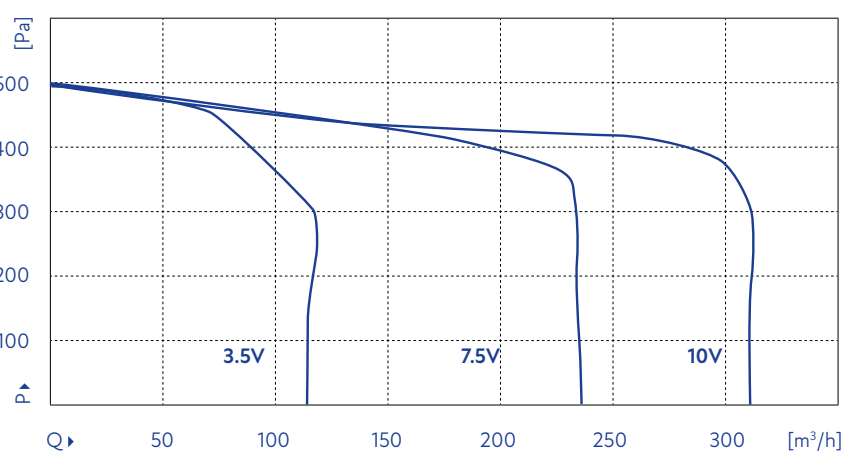
EC Single Inlet Forward Curved Centrifugal Fan



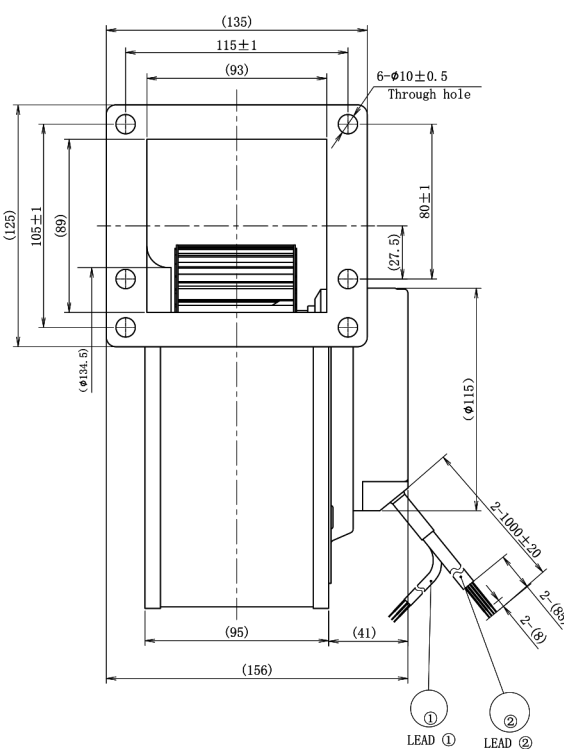
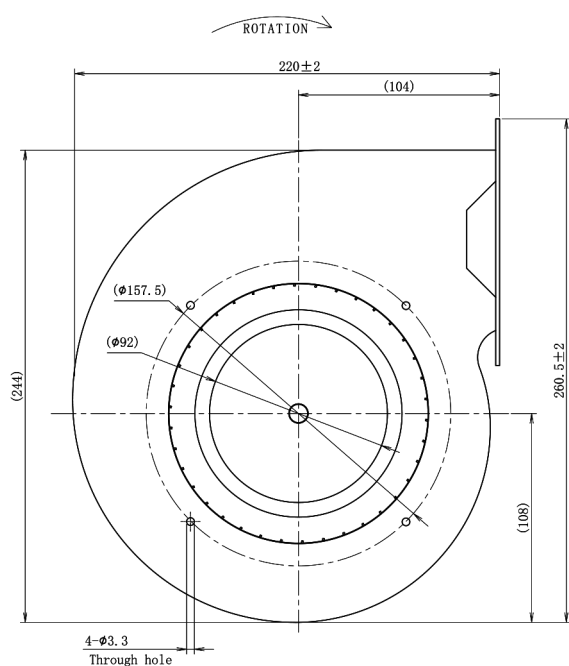
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.25 A
Power input	35 W
Speed	1400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	57 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P140-EC072-100

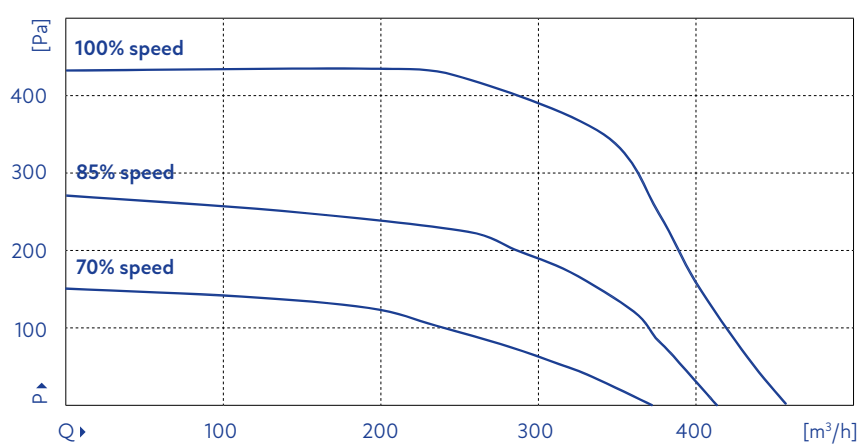
EC Single Inlet Forward Curved Centrifugal Fan



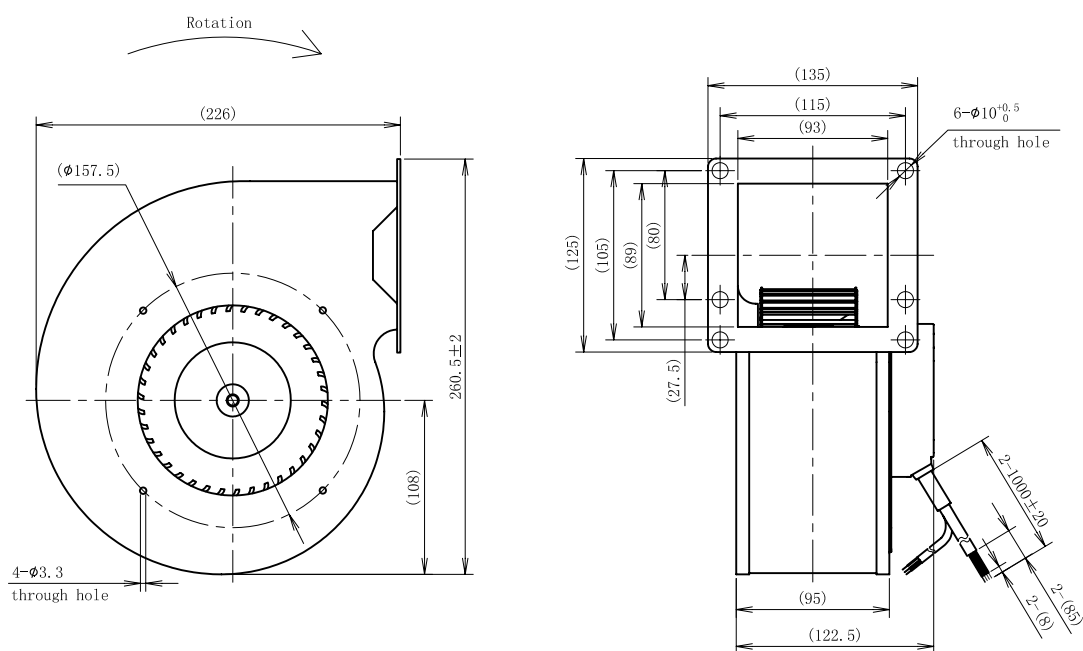
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	80 W
Speed	1800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	59 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

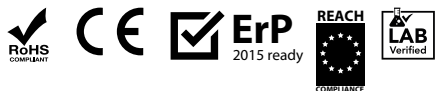


## Product drawing



# Model No. F3P140-EC072-001

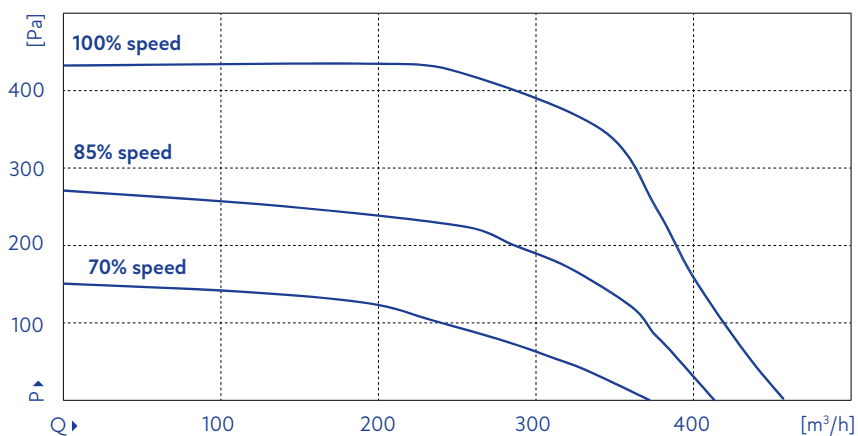
EC Single Inlet Forward Curved Centrifugal Fan



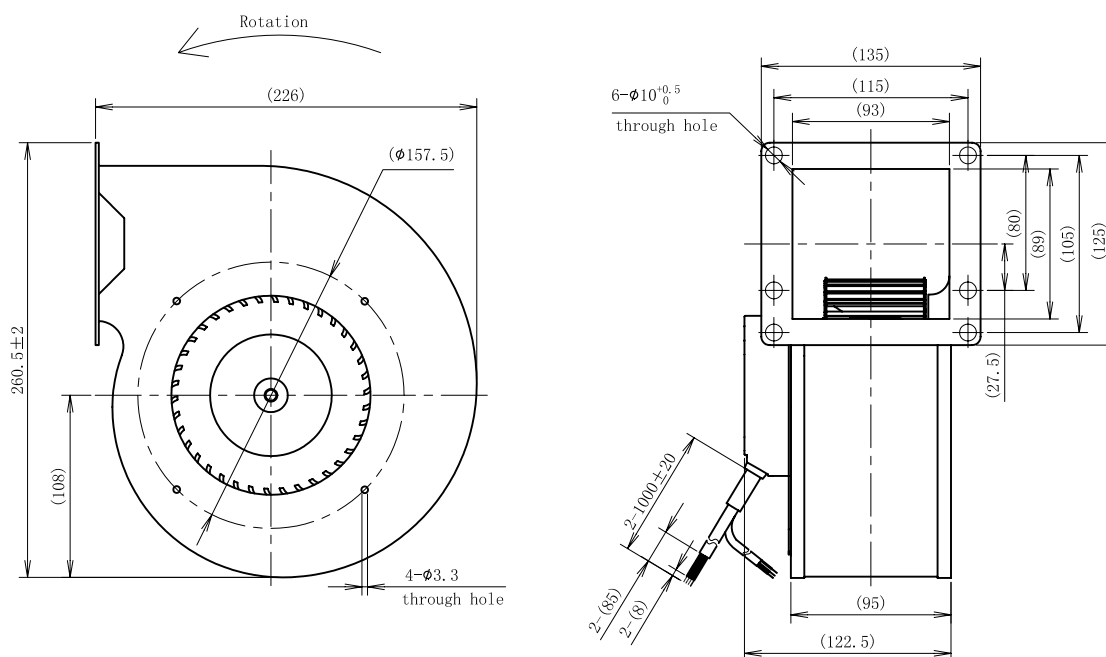
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	80 W
Speed	1800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	59 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P146-EC072-600

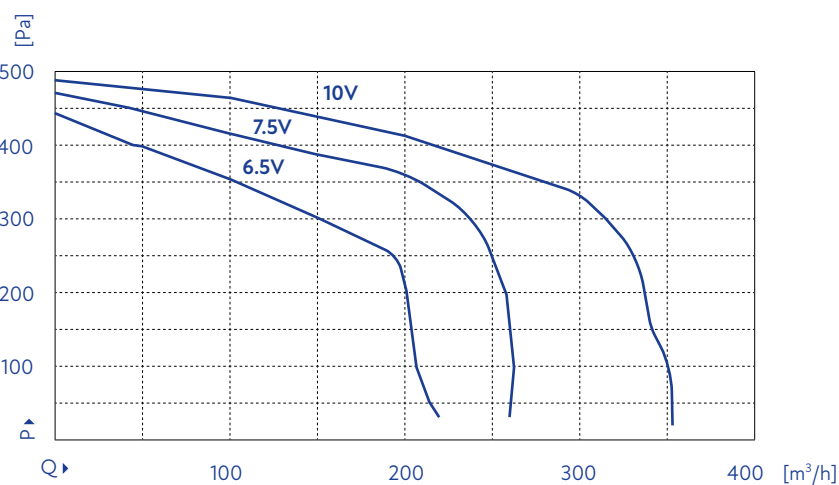
EC Single Inlet Forward Curved Centrifugal Fan



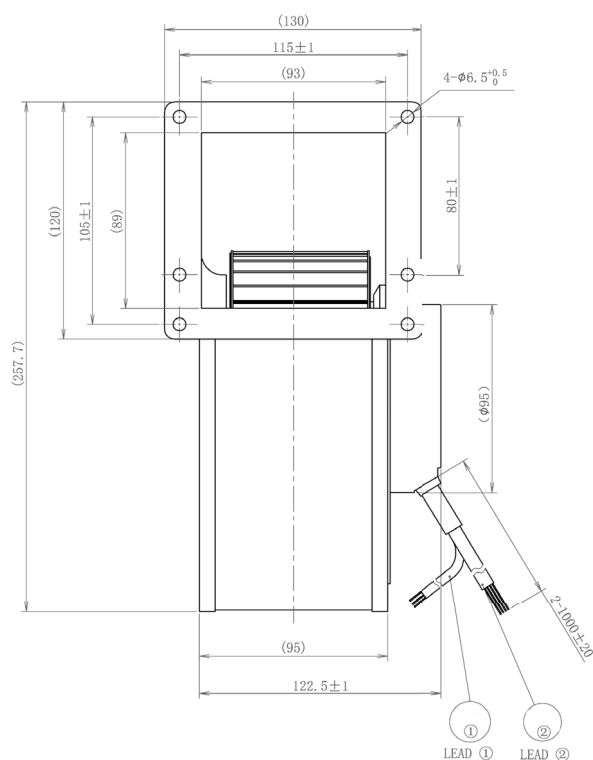
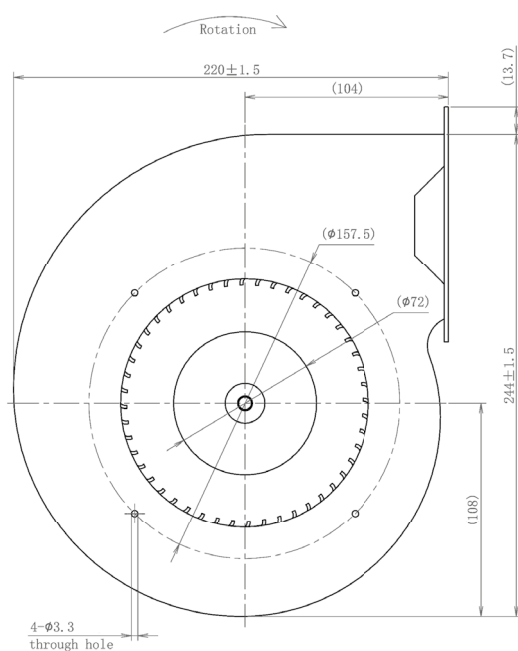
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.25 A
Power input	35 W
Speed	1250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	52 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanized sheet steel

## Air performance



## Product drawing





# Model No. F3P160-EC072-100

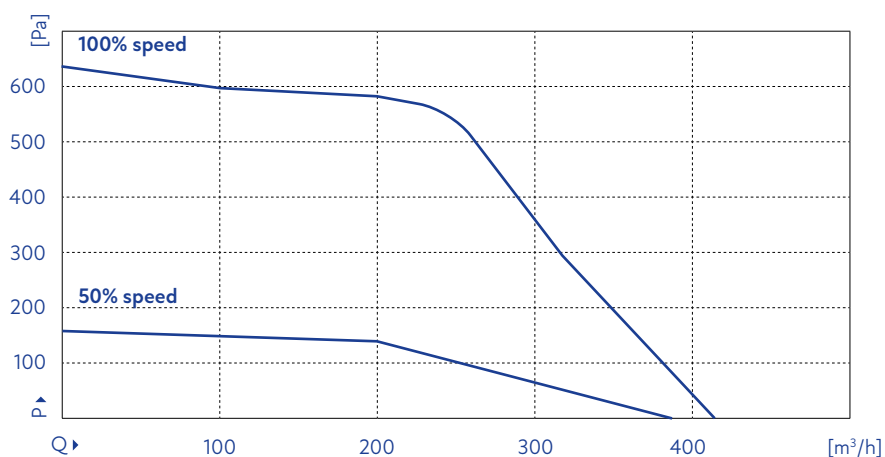
EC Single Inlet Forward Curved Centrifugal Fan



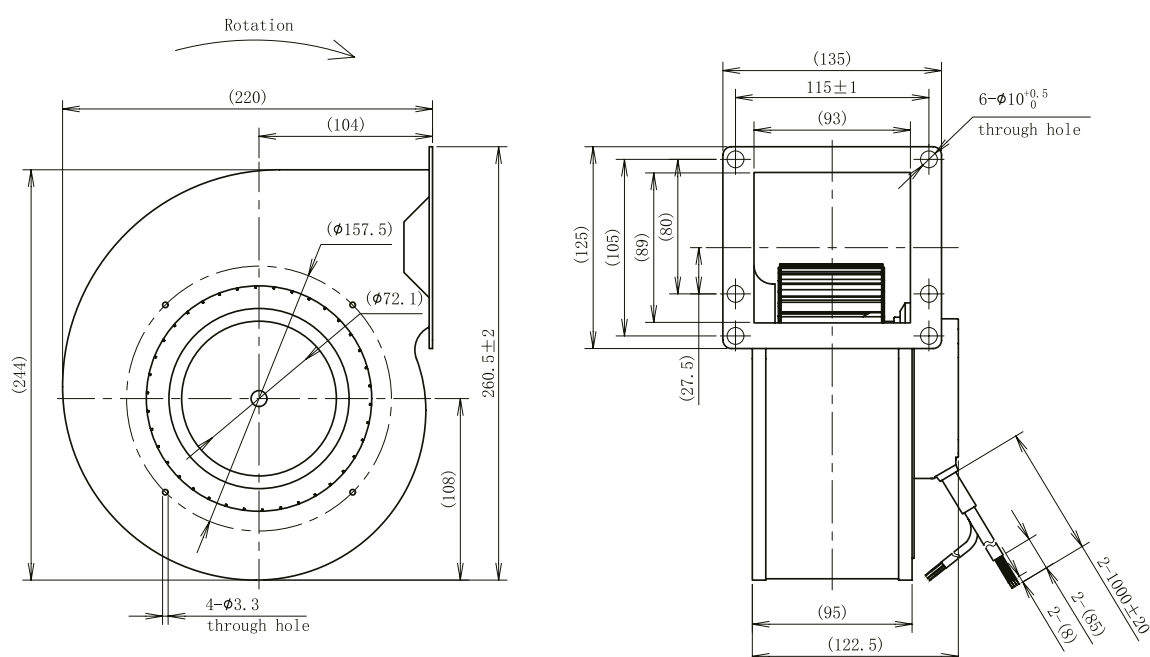
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	80 W
Speed	1500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	52 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P160-EC092-637

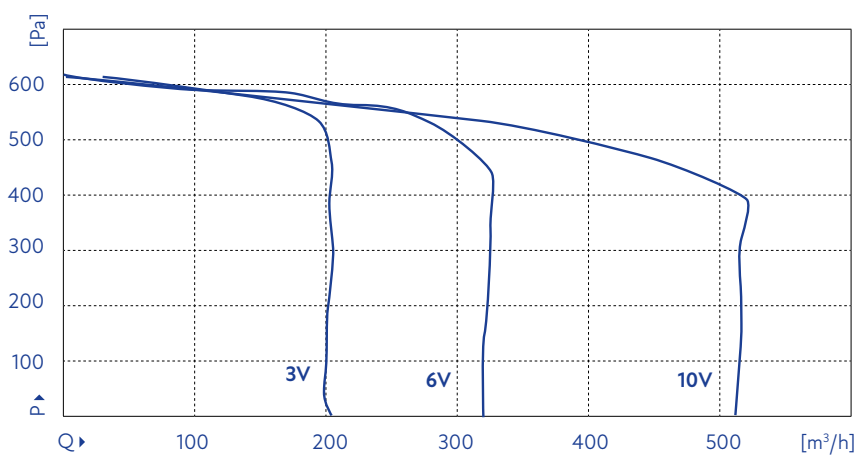
EC Single Inlet Forward Curved Centrifugal Fan



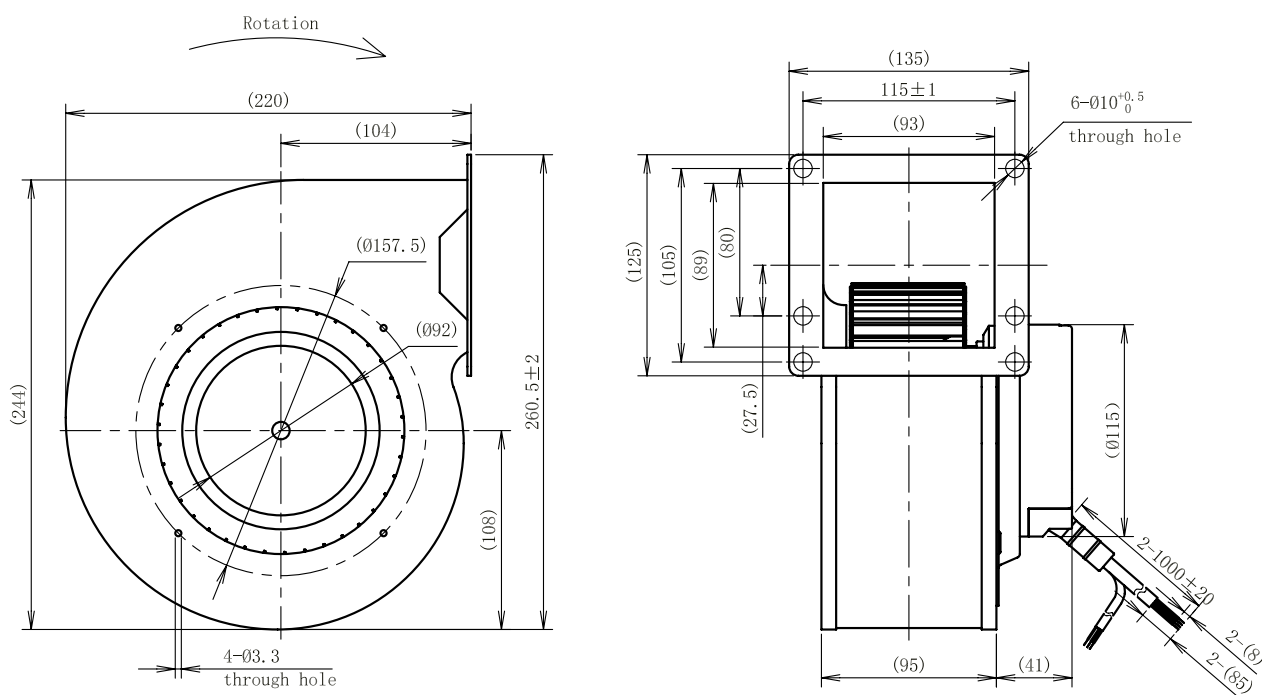
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.75 A
Power input	110 W
Speed	1900 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	67 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

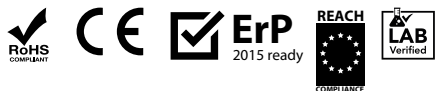


## Product drawing



# Model No. F3P160-EC092-100

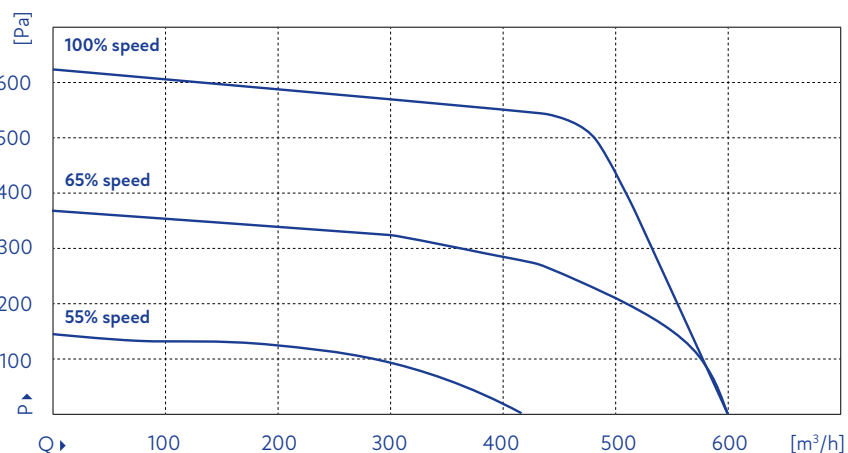
EC Single Inlet Forward Curved Centrifugal Fan



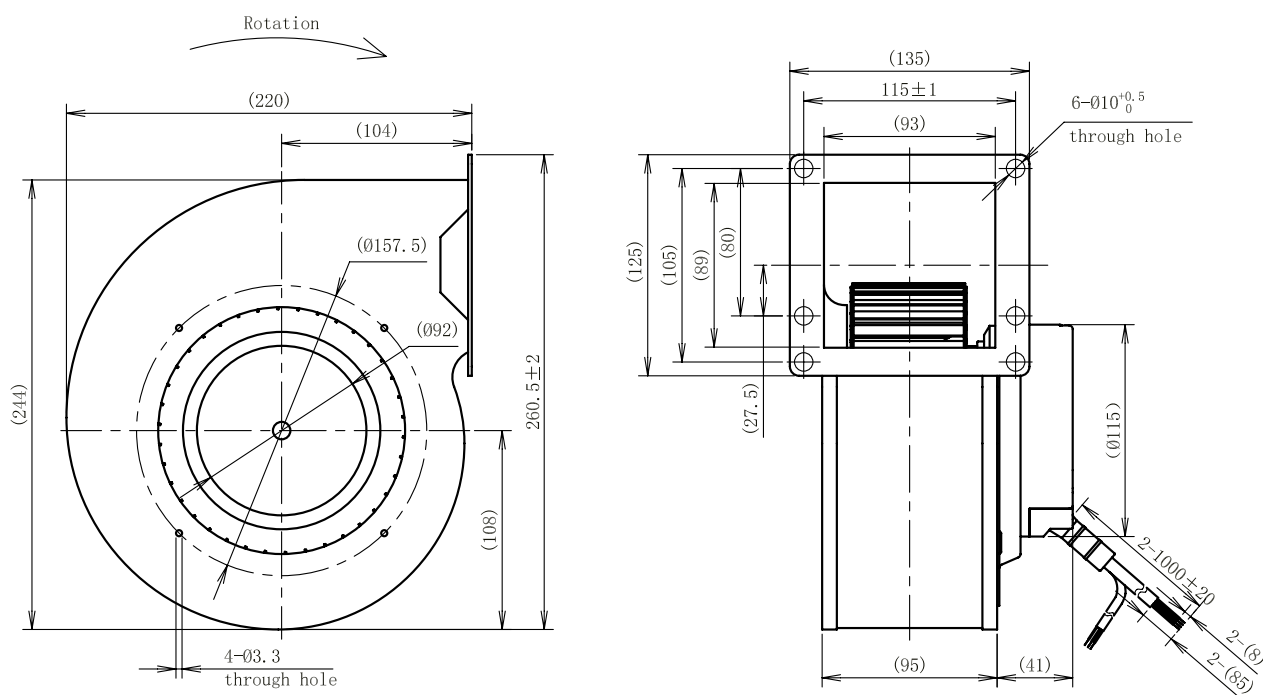
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.0 A
Power input	150 W
Speed	2150 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	66 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P180-EC092-606

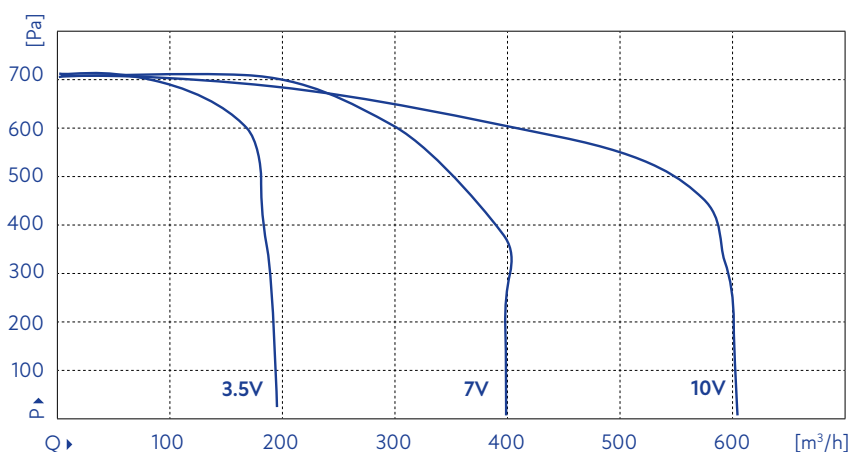
EC Single Inlet Forward Curved Centrifugal Fan



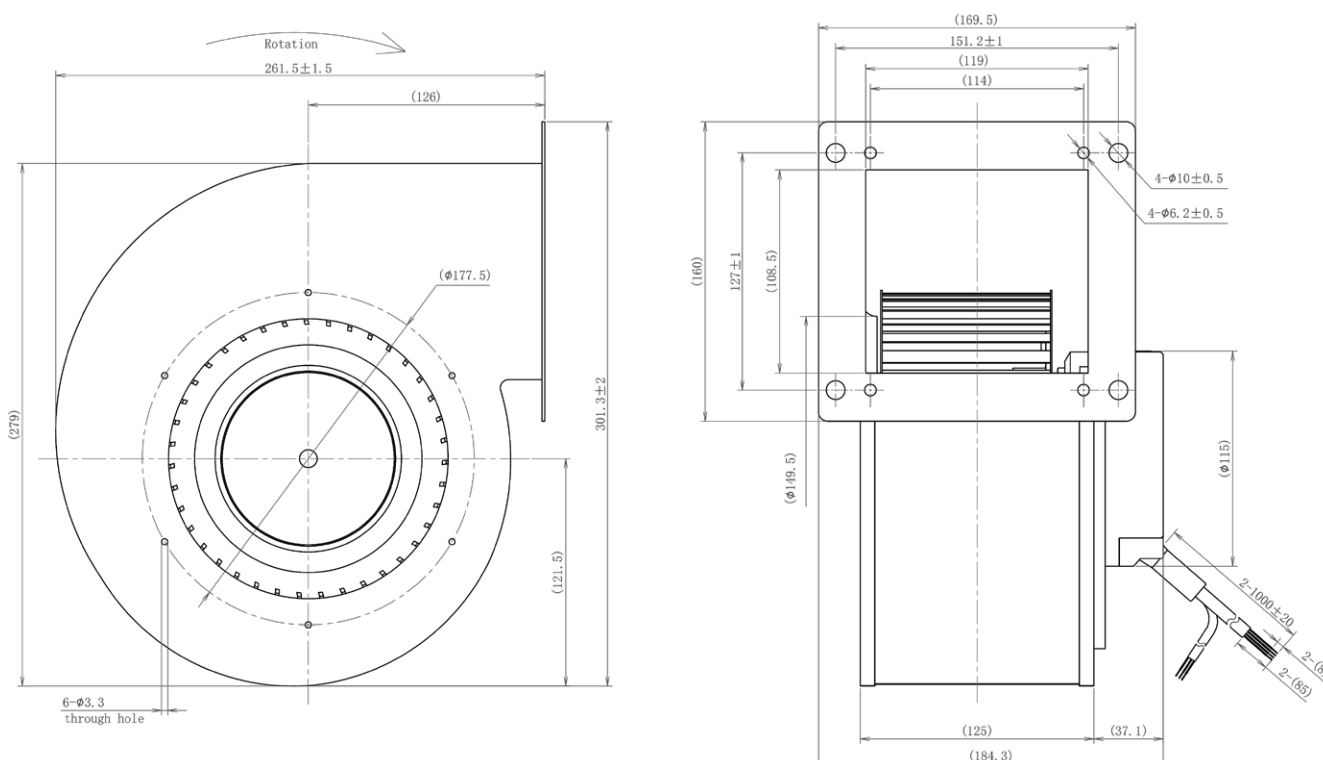
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	90 W
Speed	1200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	59 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P180-EC092-003

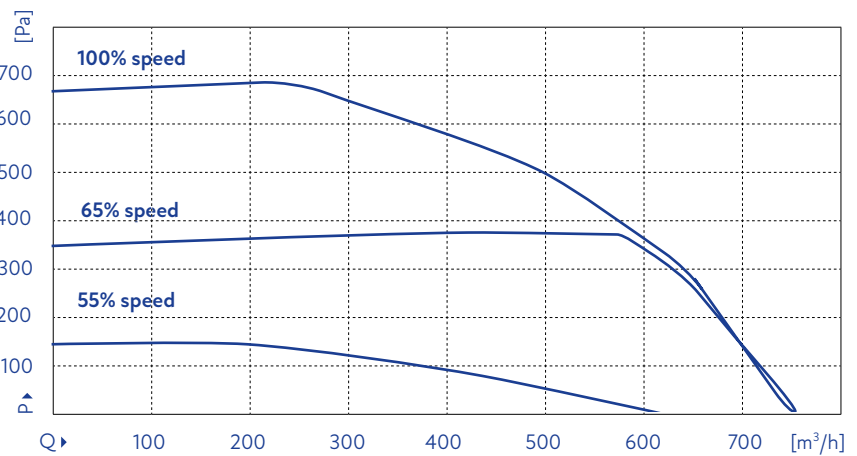
EC Single Inlet Forward Curved Centrifugal Fan



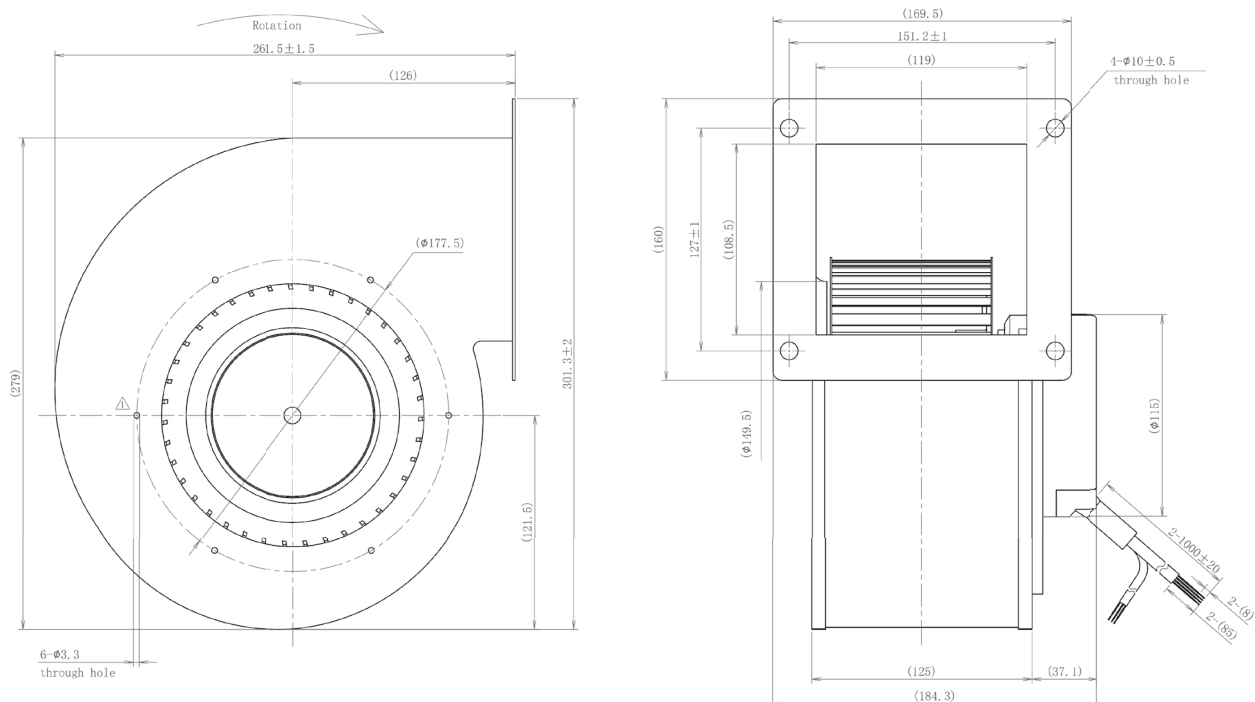
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.3 A
Power input	180 W
Speed	1600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	64 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing



# Model No. F3P200-EC102-001

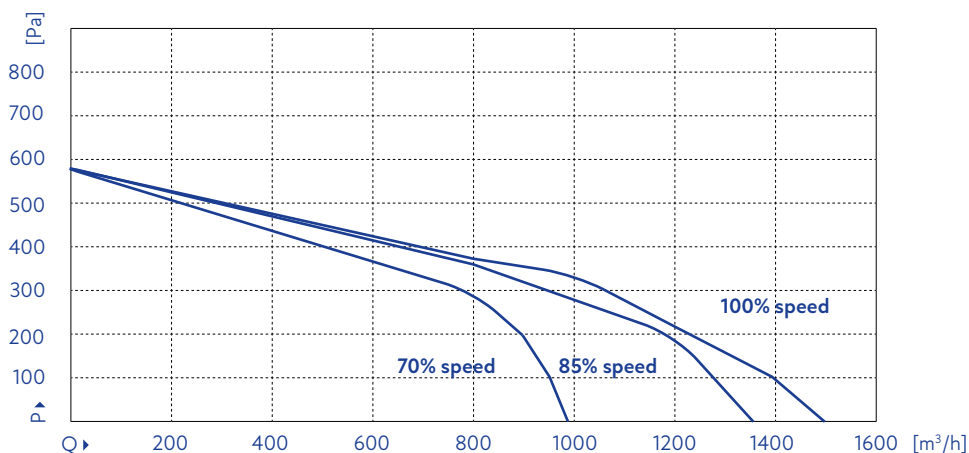
EC Single Inlet Forward Curved Centrifugal Fan



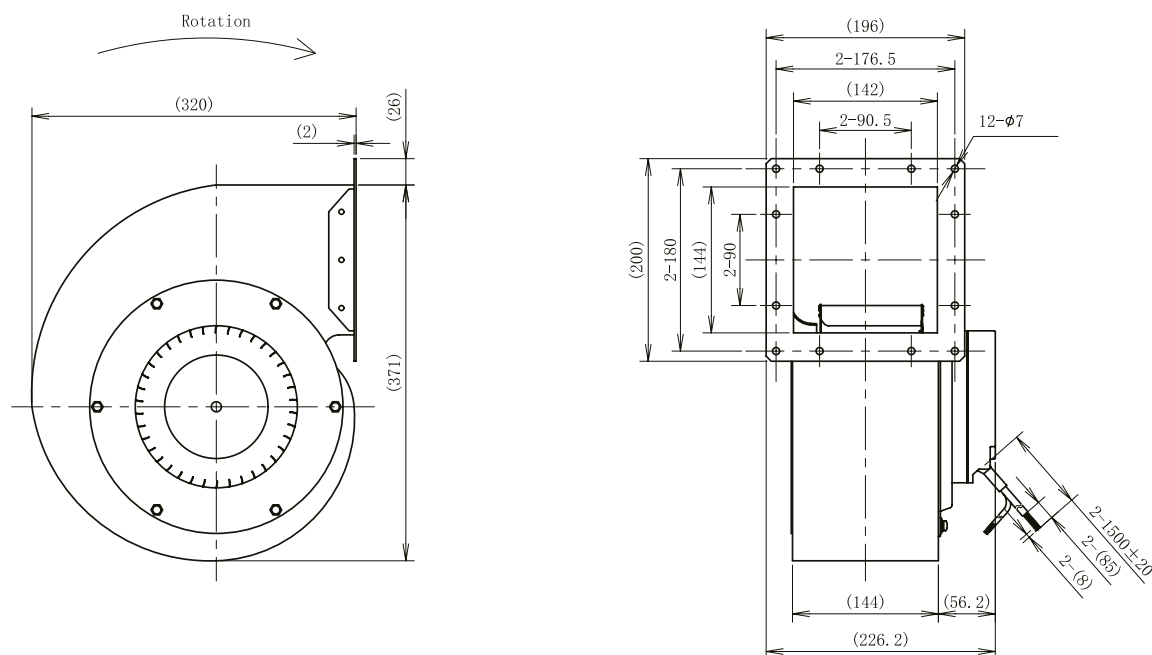
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.7 A
Power input	380 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



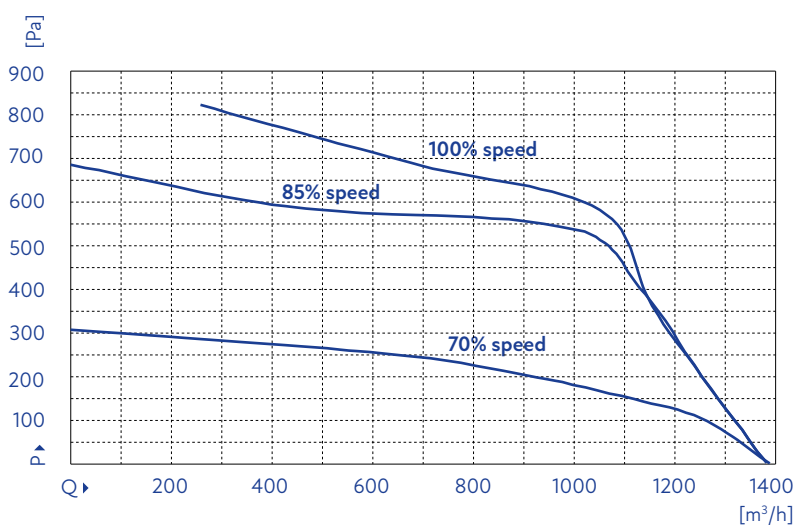
## EC Single Inlet Forward Curved Centrifugal Fan



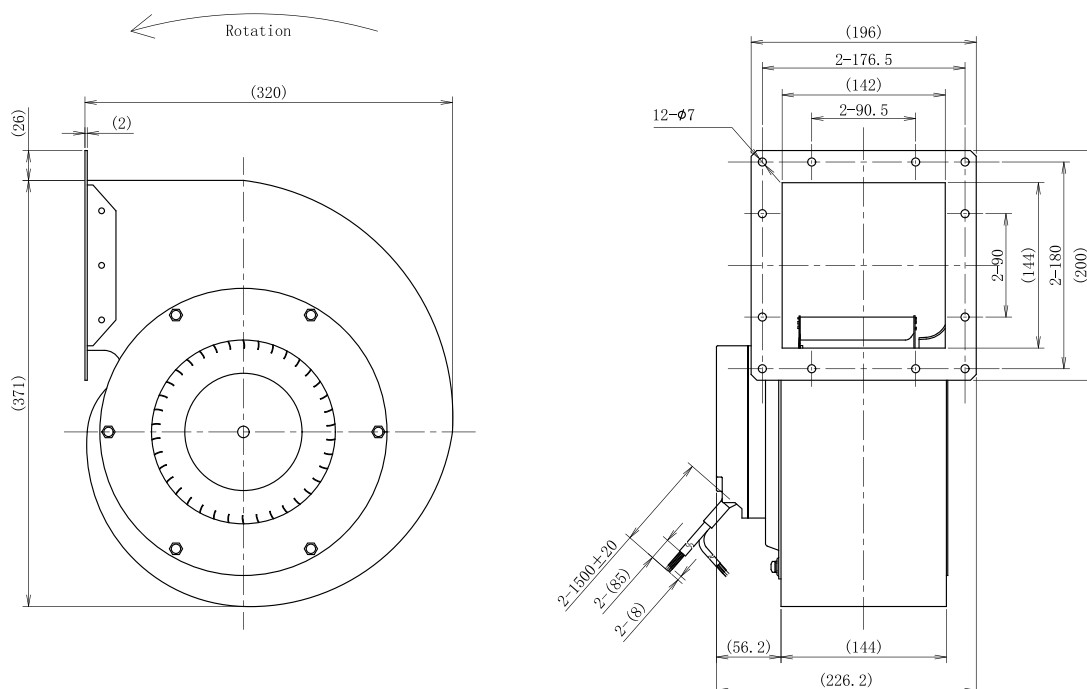
- Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.33 A
<b>Power input</b>	280 W
<b>Speed</b>	1400 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	64 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	galvanised sheet steel

■ Air performance



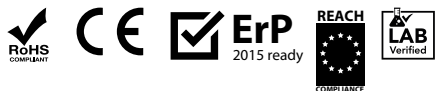
- Product drawing





# Model No. F3P225-EC102-009

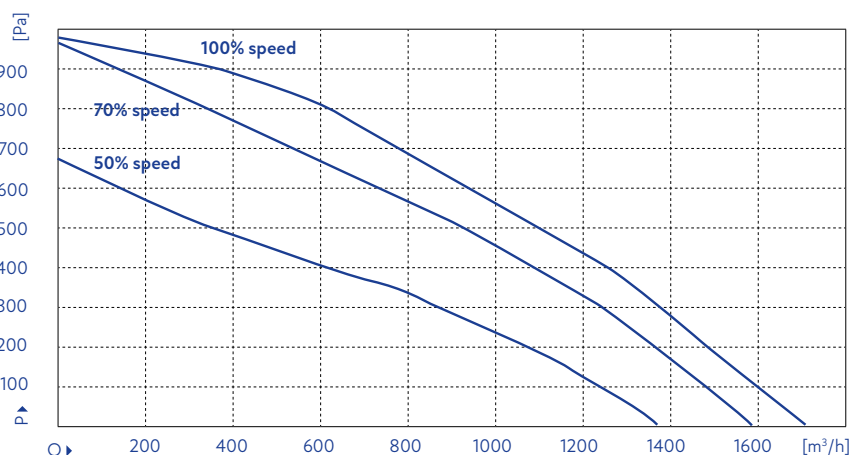
EC Single Inlet Forward Curved Centrifugal Fan



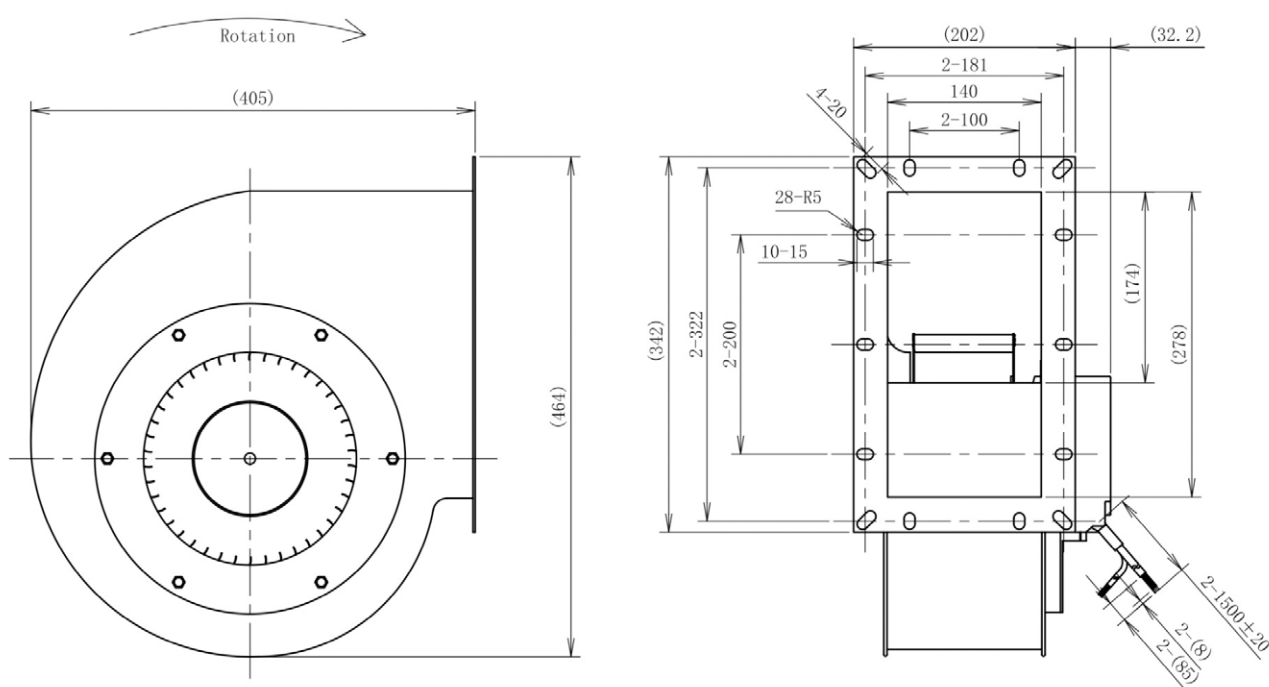
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.85 A
Power input	400 W
Speed	1250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance

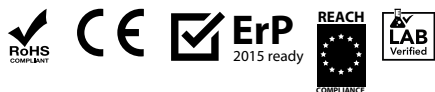


## Product drawing



# Model No. F3P225-EC102-900

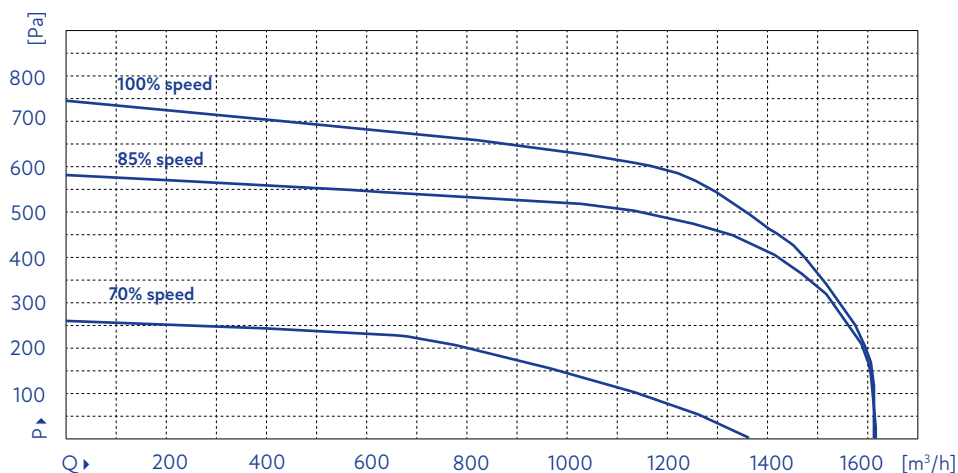
EC Single Inlet Forward Curved Centrifugal Fan



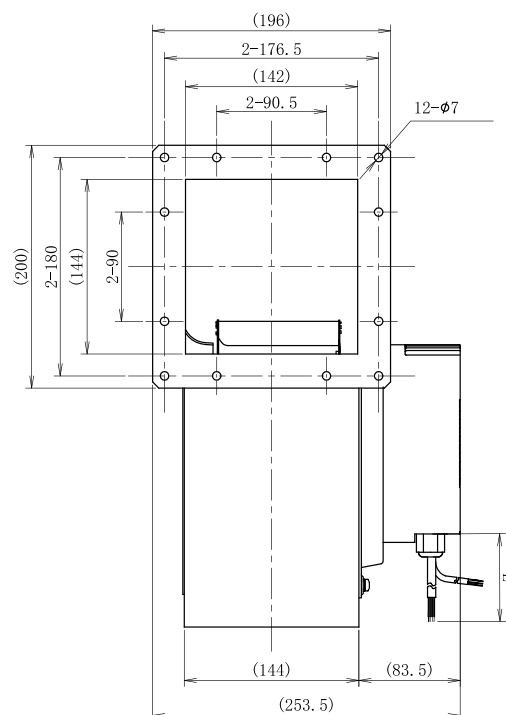
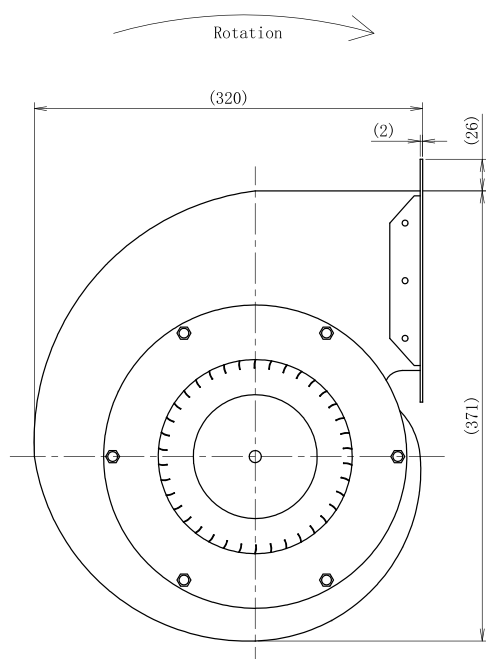
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	2.75 A
Power input	425 W
Speed	1400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P250-EC102-002

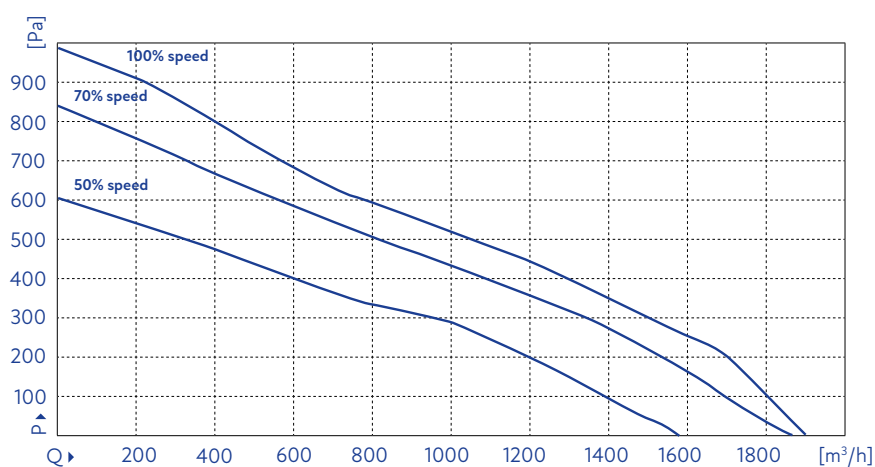
EC Single Inlet Forward Curved Centrifugal Fan



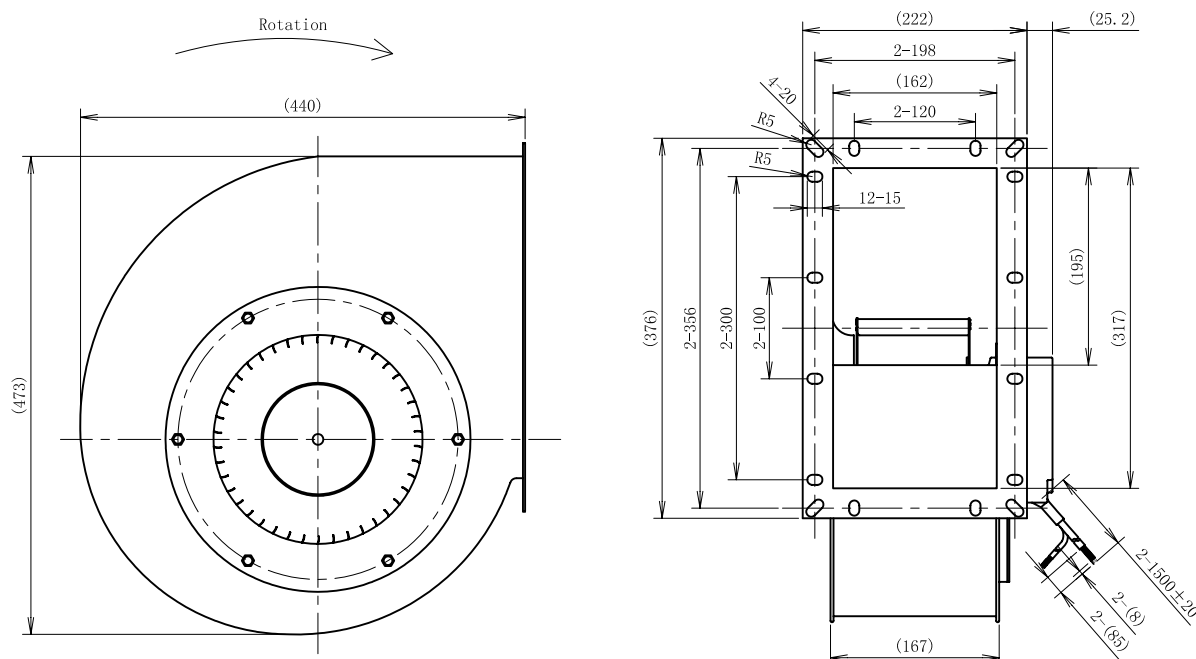
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.55 A
Power input	330 W
Speed	950 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P280-EC137-001

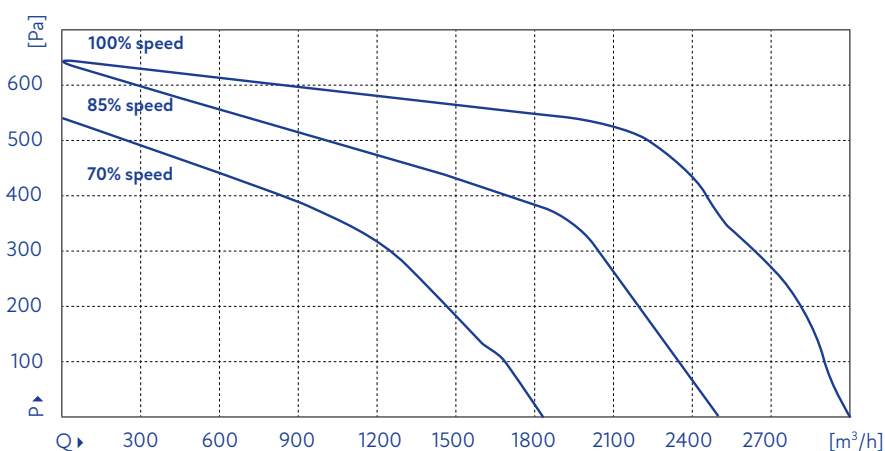
EC Single Inlet Forward Curved Centrifugal Fan



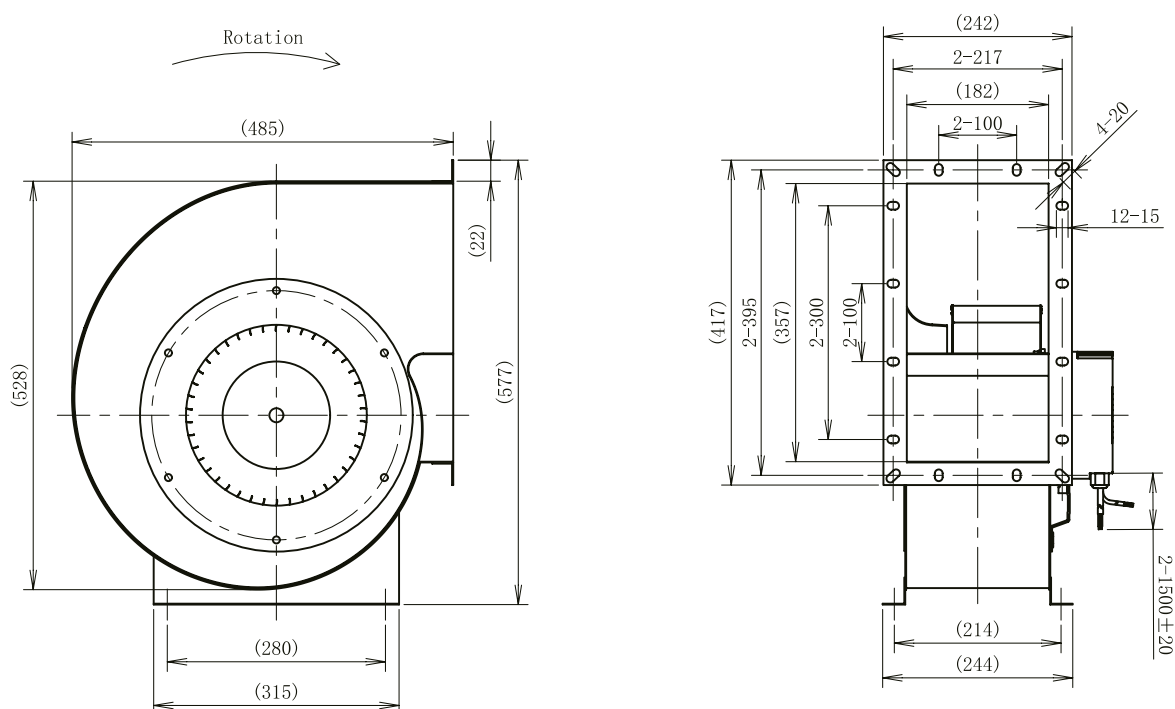
## Technical data

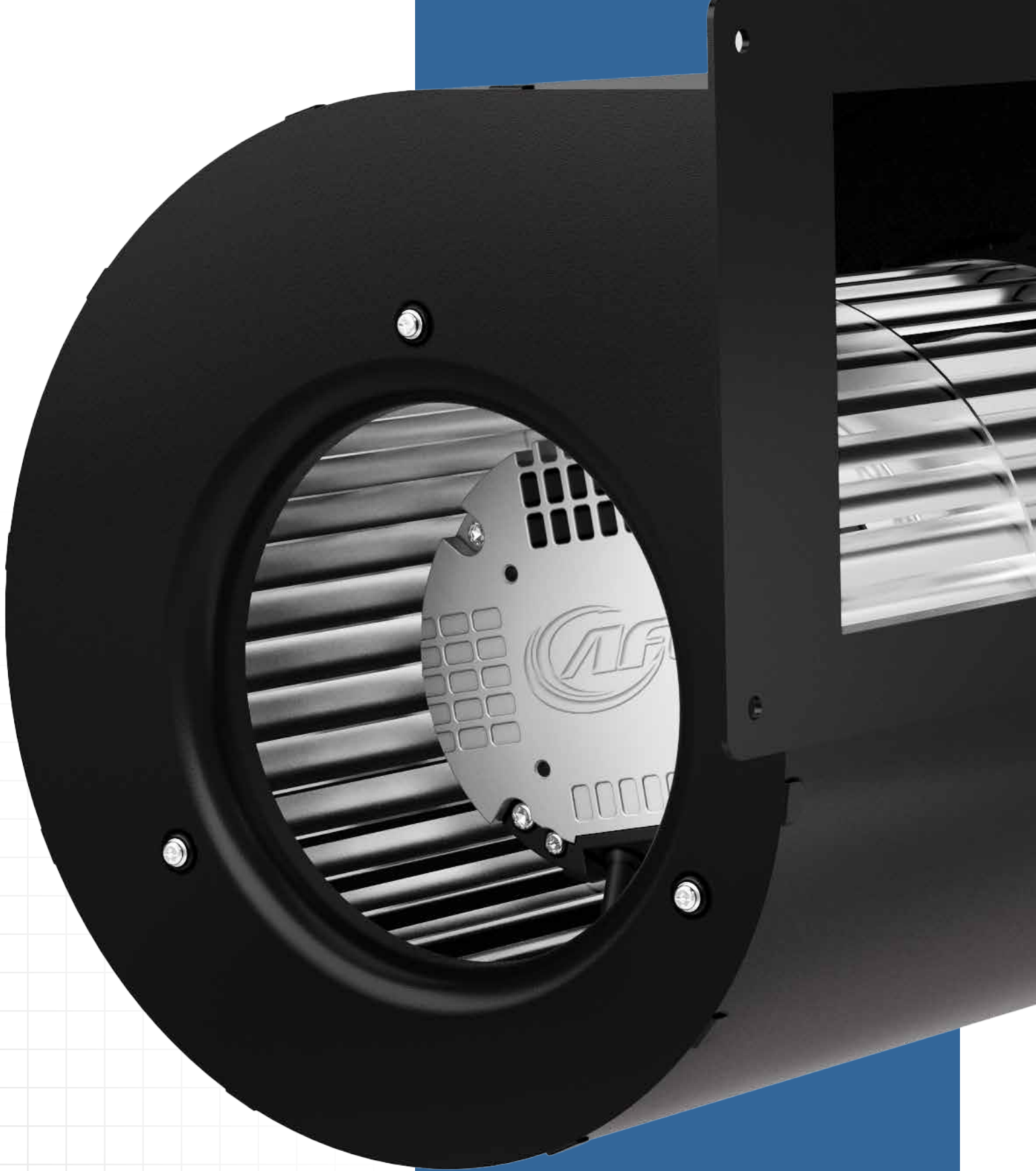
Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.6 A
Power input	950 W
Speed	1150 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	79 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing





## EC Dual Inlet Forward Curved Centrifugal Fans

# Model No. F3P120-EC072-010

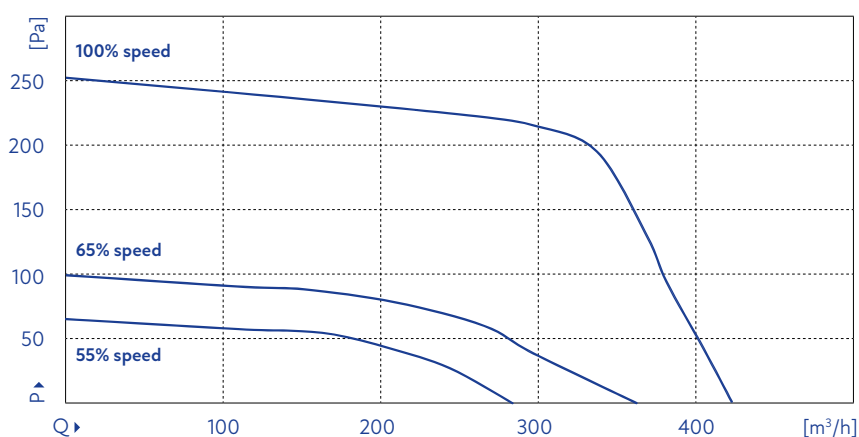
EC Dual Inlet Forward Curved Centrifugal Fans



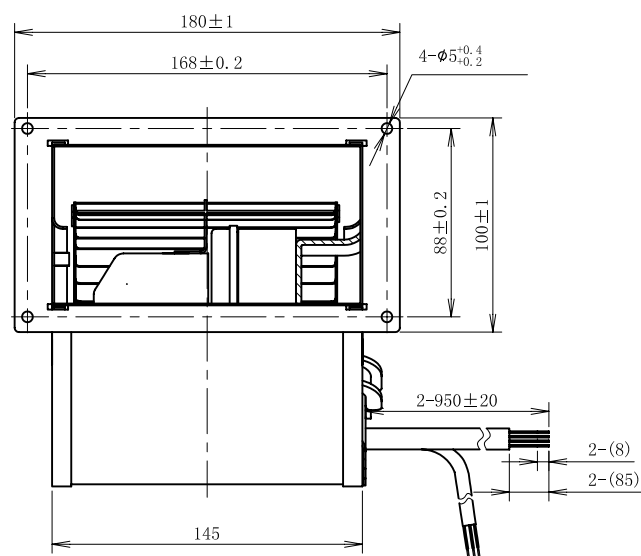
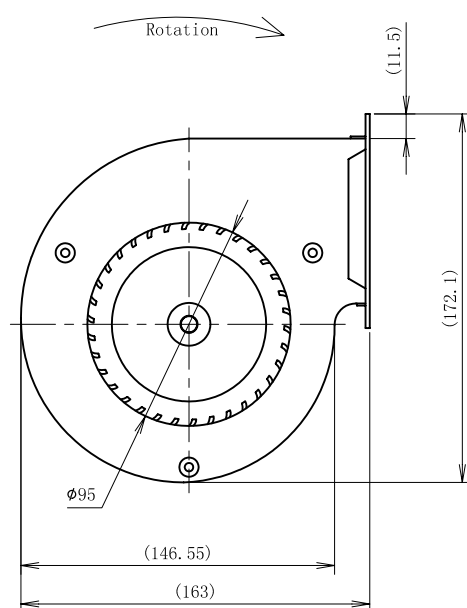
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.55 A
Power input	70 W
Speed	1900 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	59 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P133-EC072-016

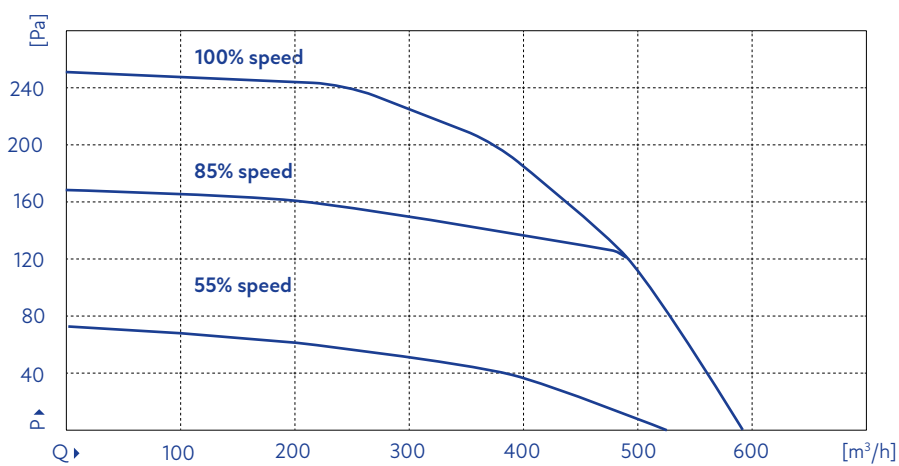
EC Dual Inlet Forward Curved Centrifugal Fans



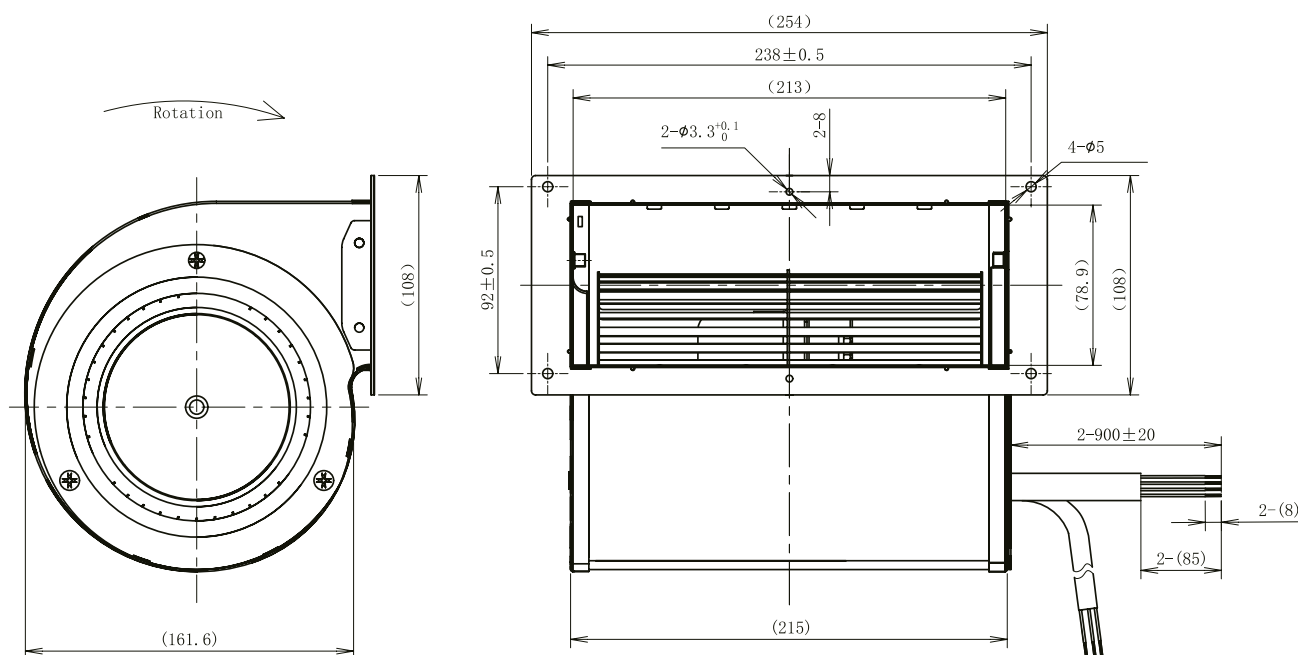
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	80 W
Speed	1500 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	59 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing





# Model No. F3P133-EC092-100

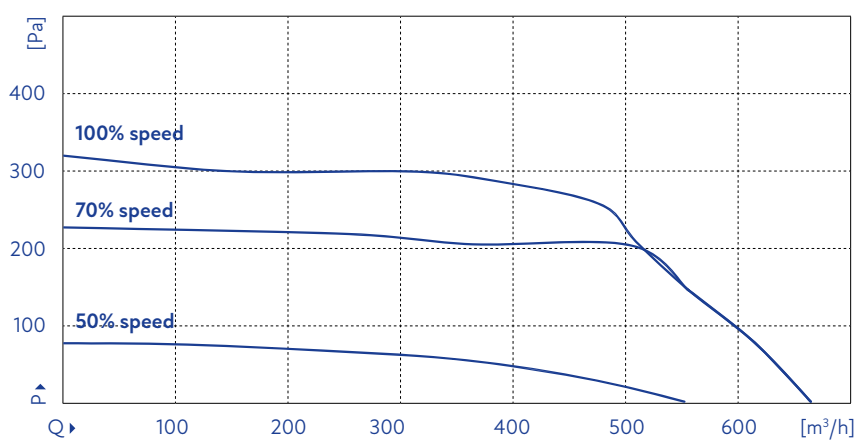
EC Dual Inlet Forward Curved Centrifugal Fans



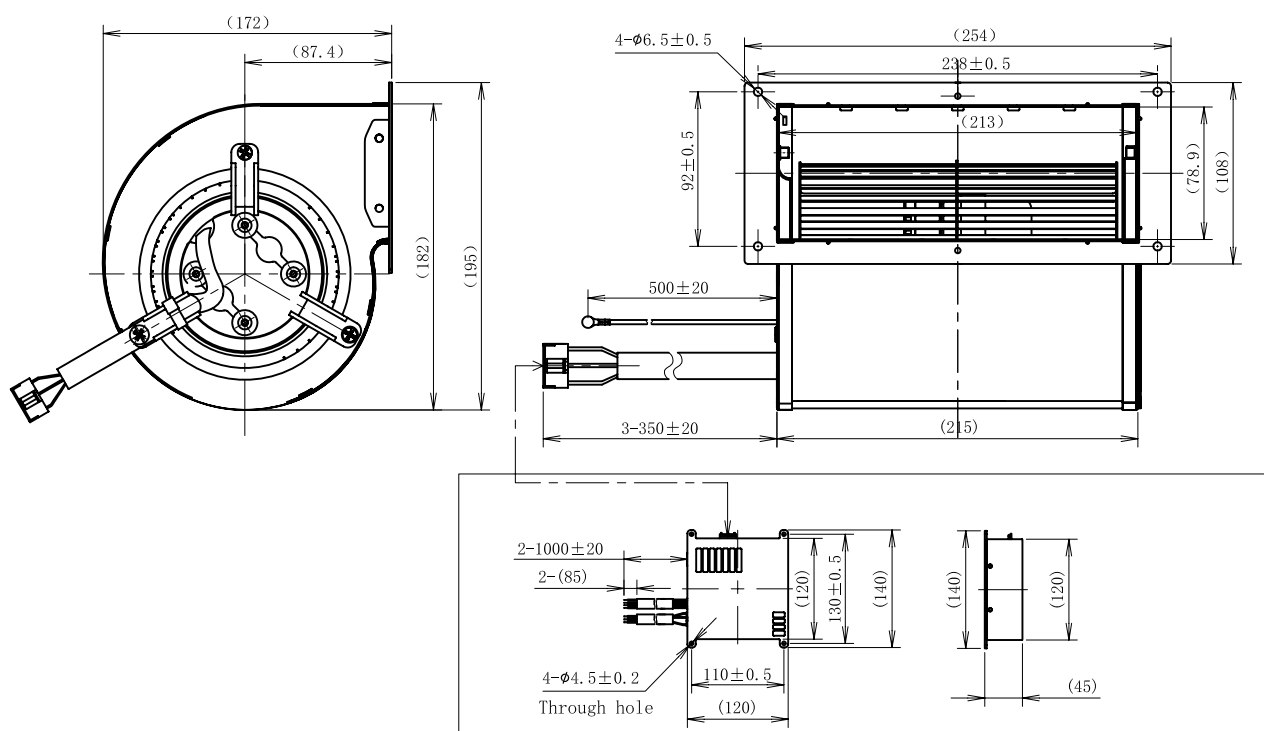
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.8 A
Power input	115 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	60 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P146-EC092-055

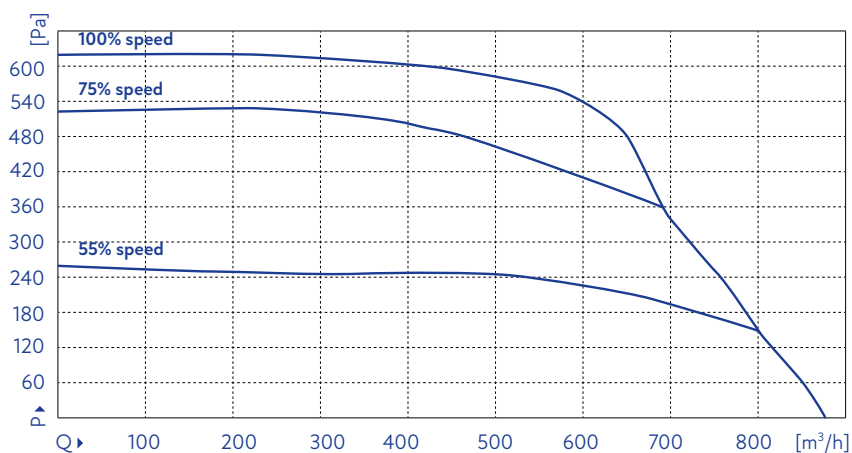
EC Dual Inlet Forward Curved Centrifugal Fans



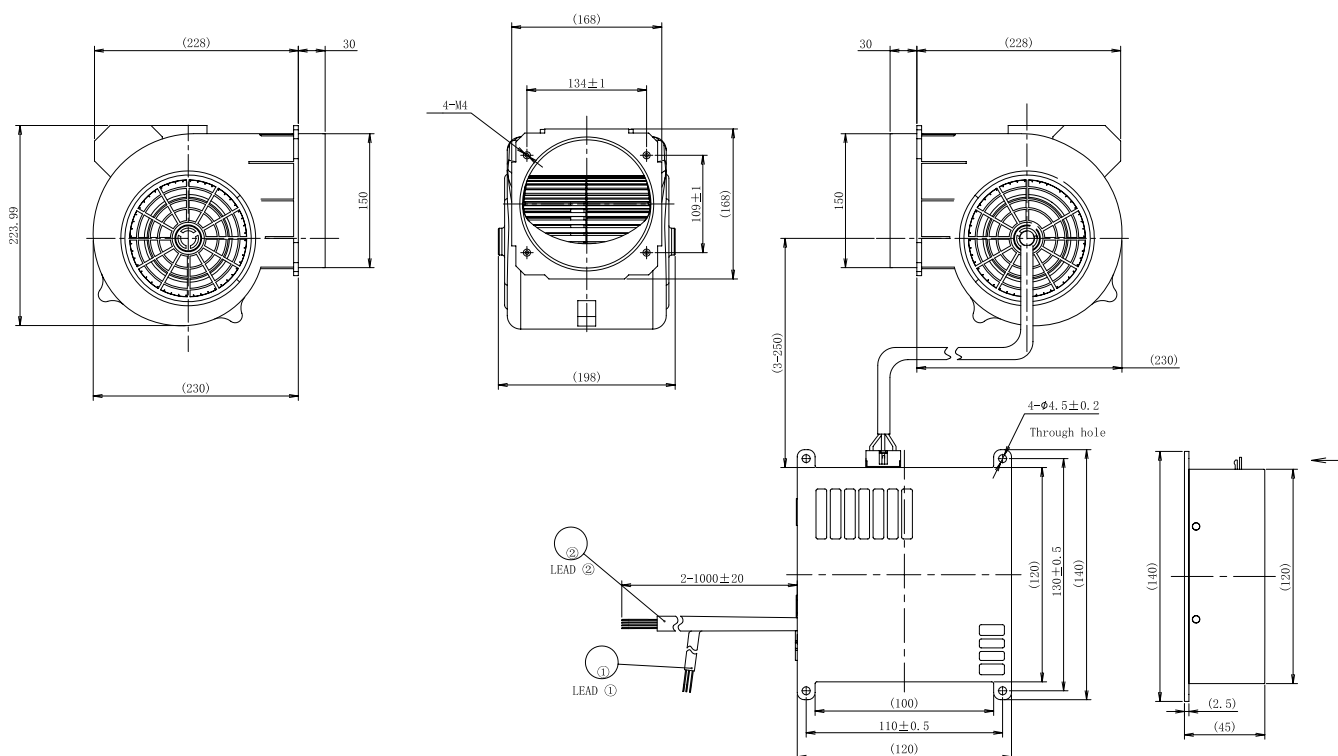
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.8 A
Power input	115 W
Speed	1600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	61 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P146-EC092-035

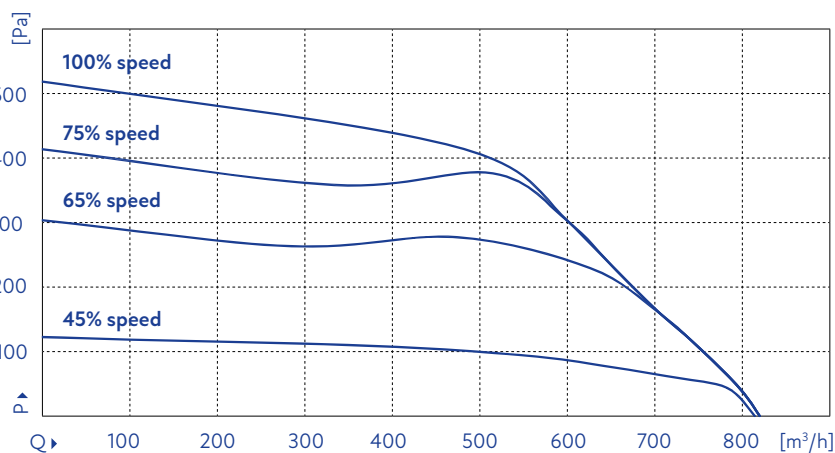
EC Dual Inlet Forward Curved Centrifugal Fans



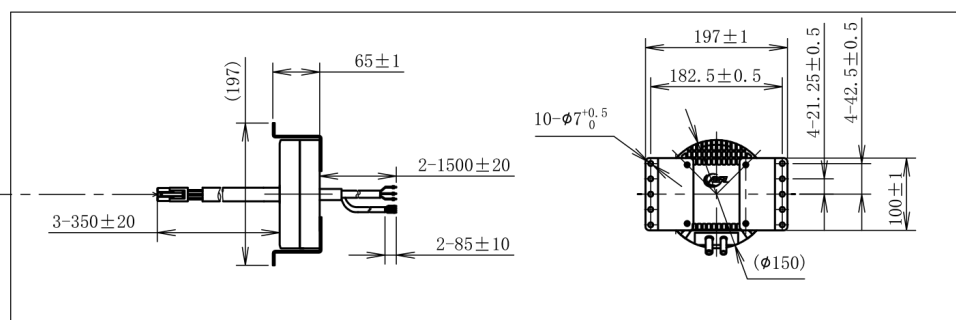
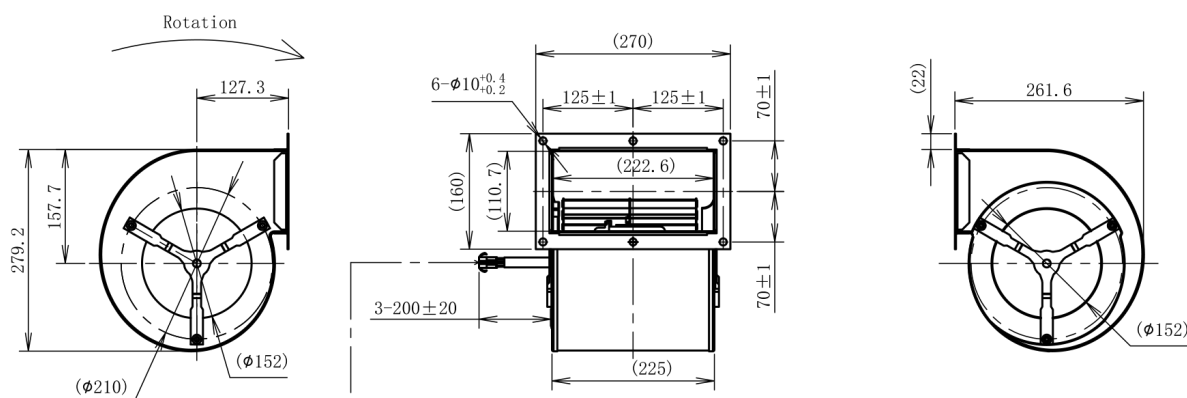
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	80 W
Speed	1300 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	61 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P146-EC092-057

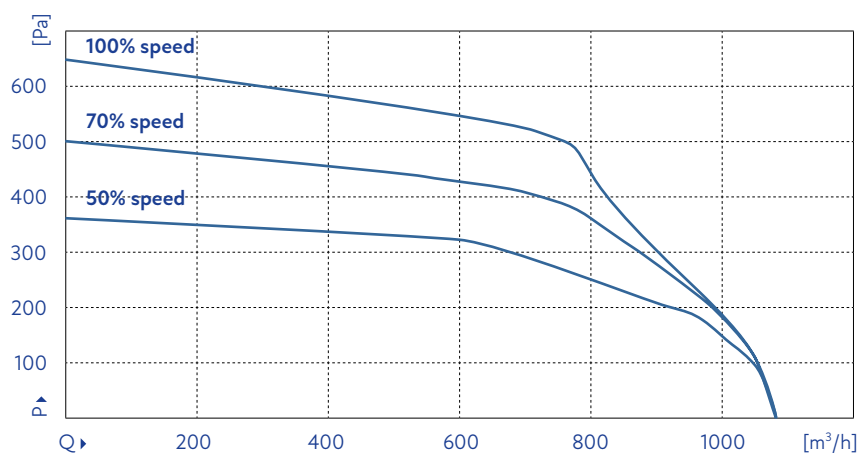
EC Dual Inlet Forward Curved Centrifugal Fans



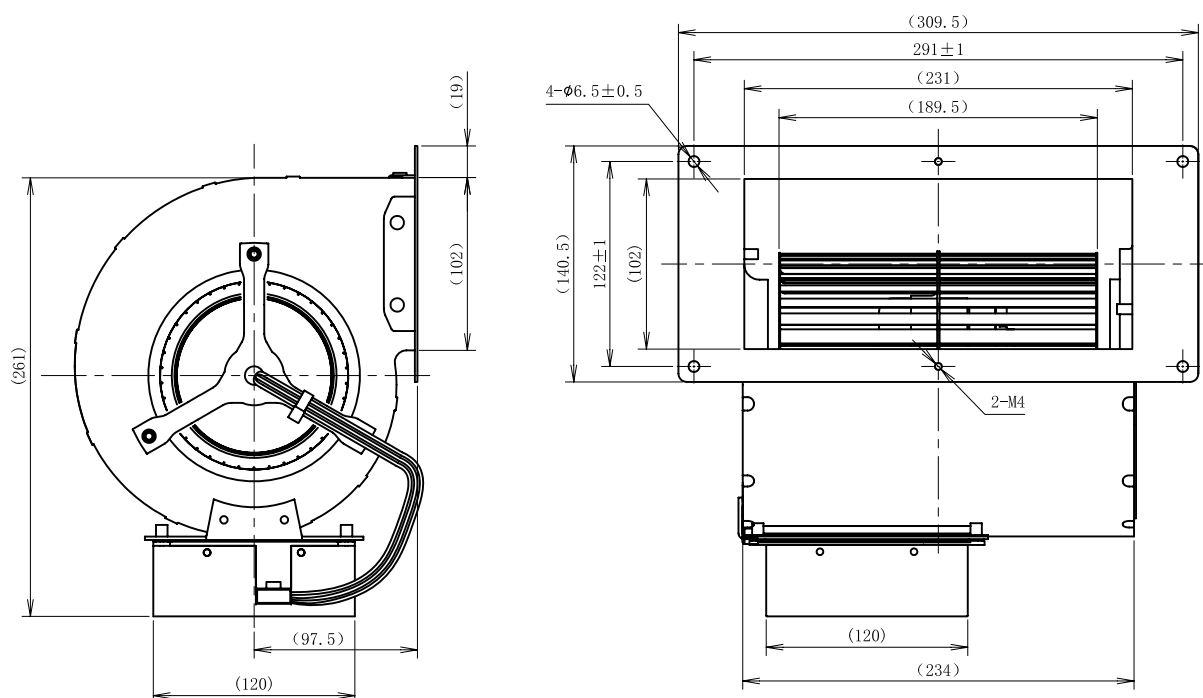
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.1 A
Power input	165 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	65 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



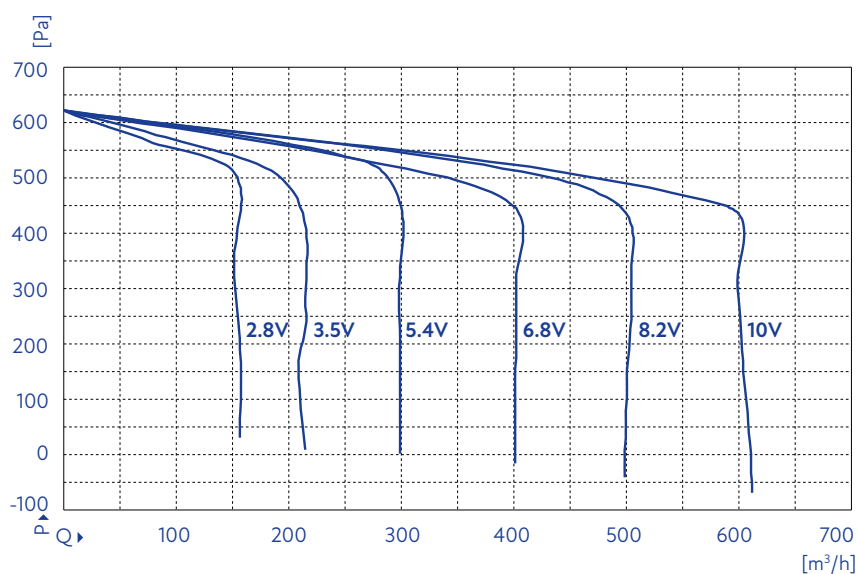
## EC Dual Inlet Forward Curved Centrifugal Fans



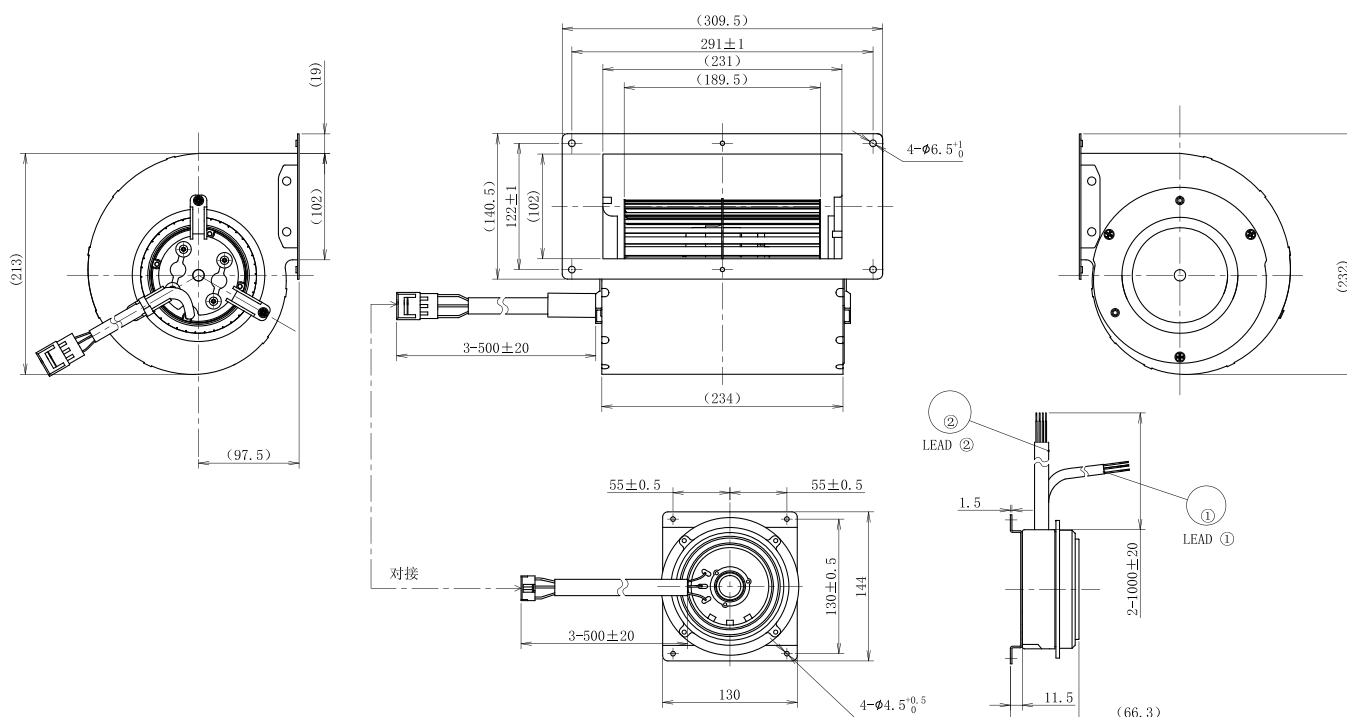
## ■ Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	0.26A
<b>Power input</b>	35 W
<b>Speed</b>	1000 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	52 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	PA66

- Air performance



- Product drawing



# Model No. F3P146-EC092-615

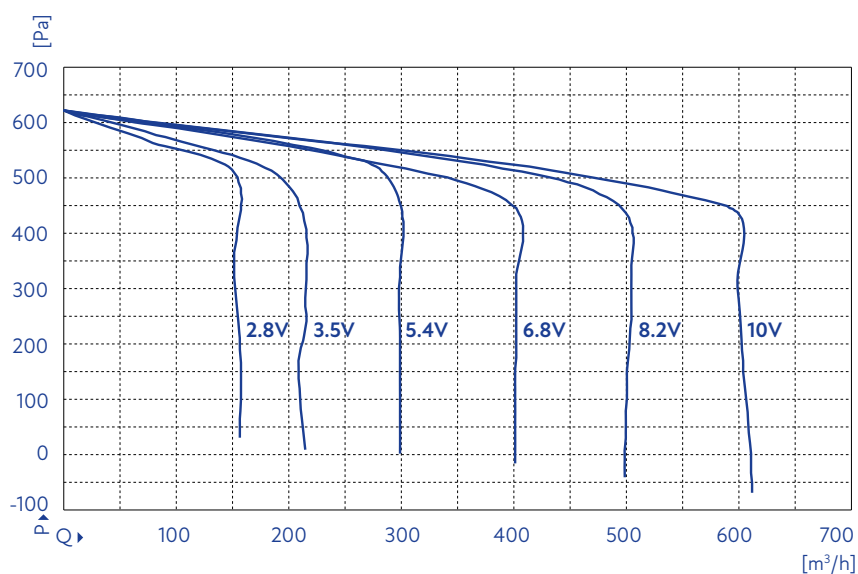
EC Dual Inlet Forward Curved Centrifugal Fans



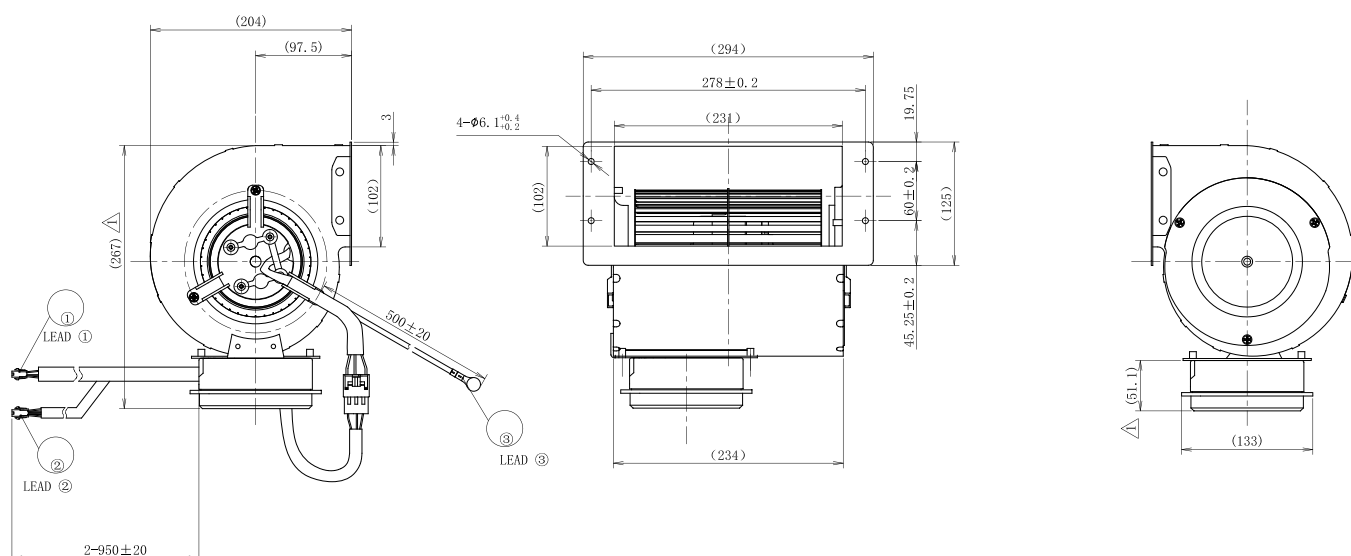
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.26A
Power input	35 W
Speed	1000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	52 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

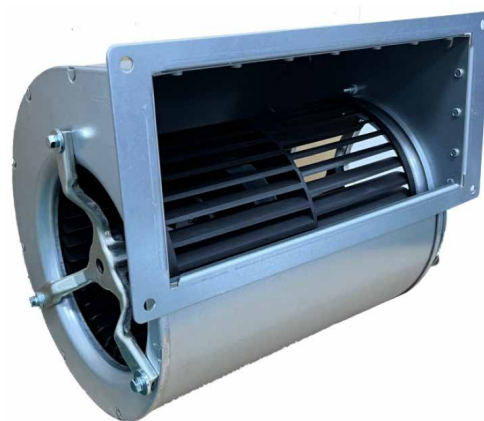
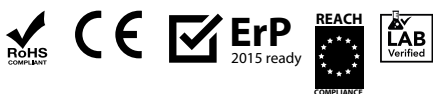


## Product drawing



# Model No. F3P160-EC092-064

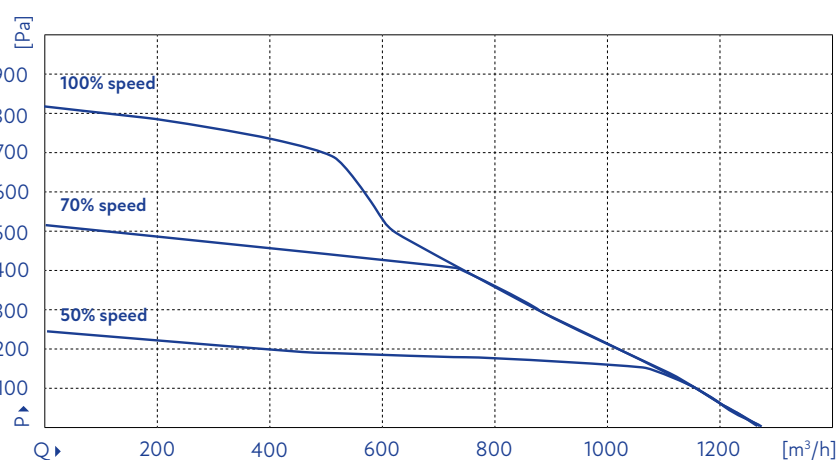
EC Dual Inlet Forward Curved Centrifugal Fans



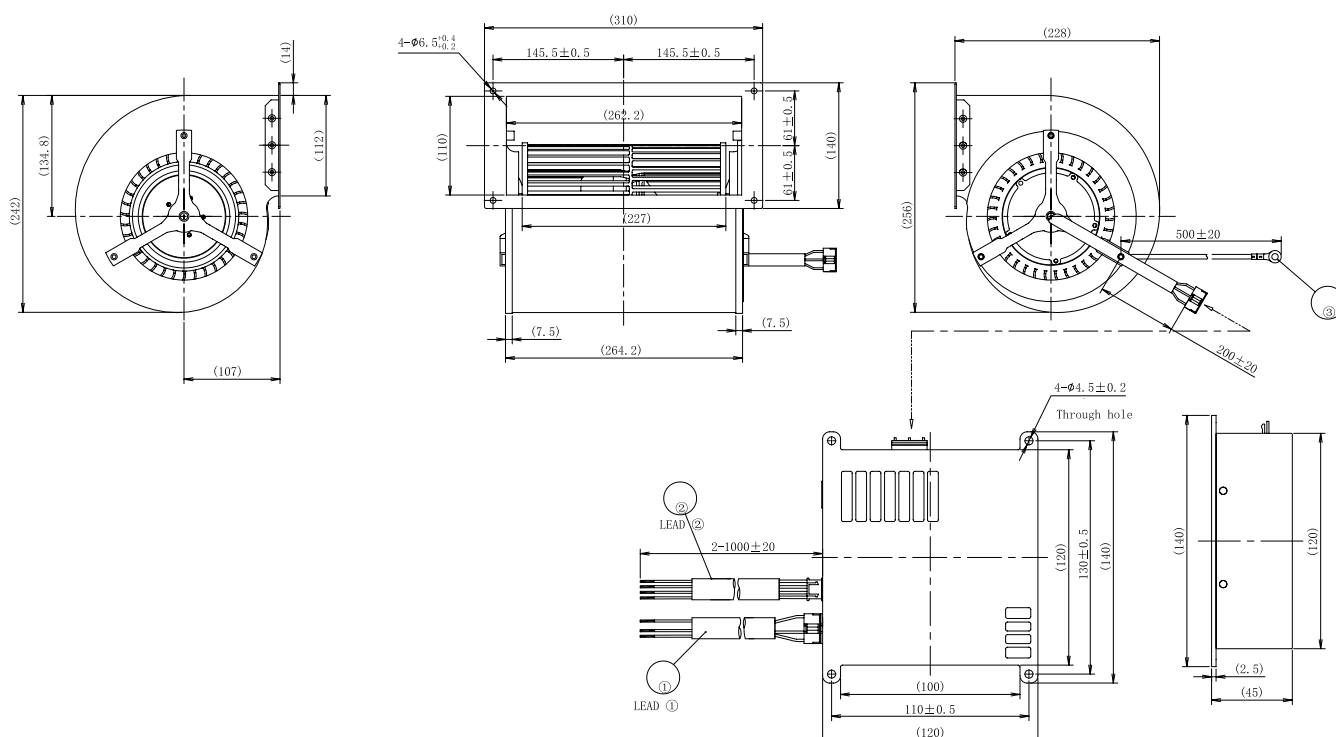
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.9A
Power input	120 W
Speed	1150 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	60 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	volute-galvanized sheet

## Air performance

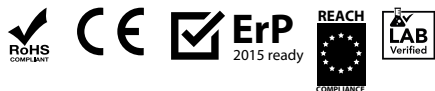
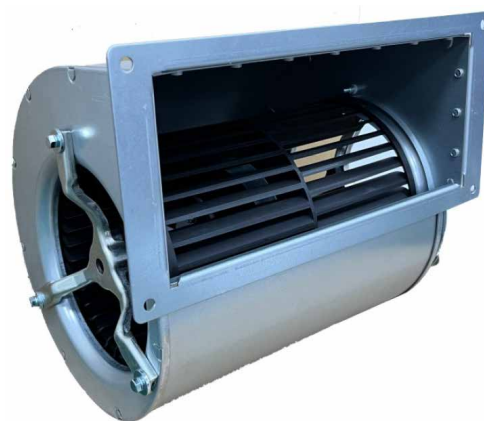


## Product drawing





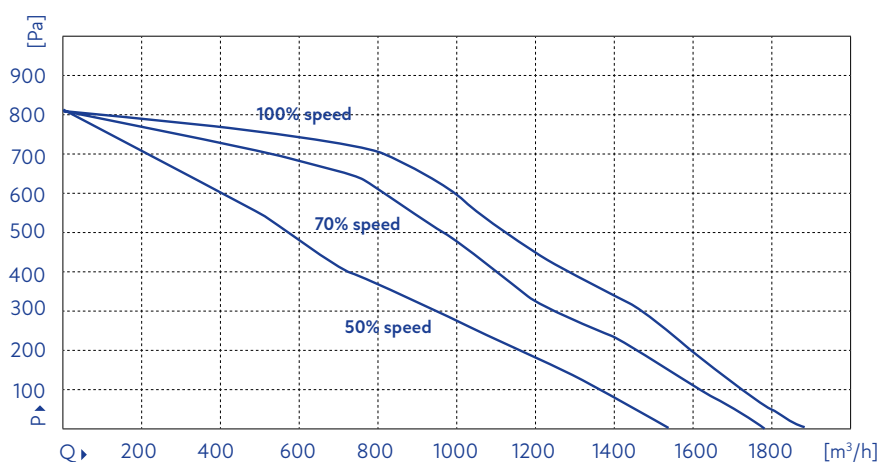
## EC Dual Inlet Forward Curved Centrifugal Fans



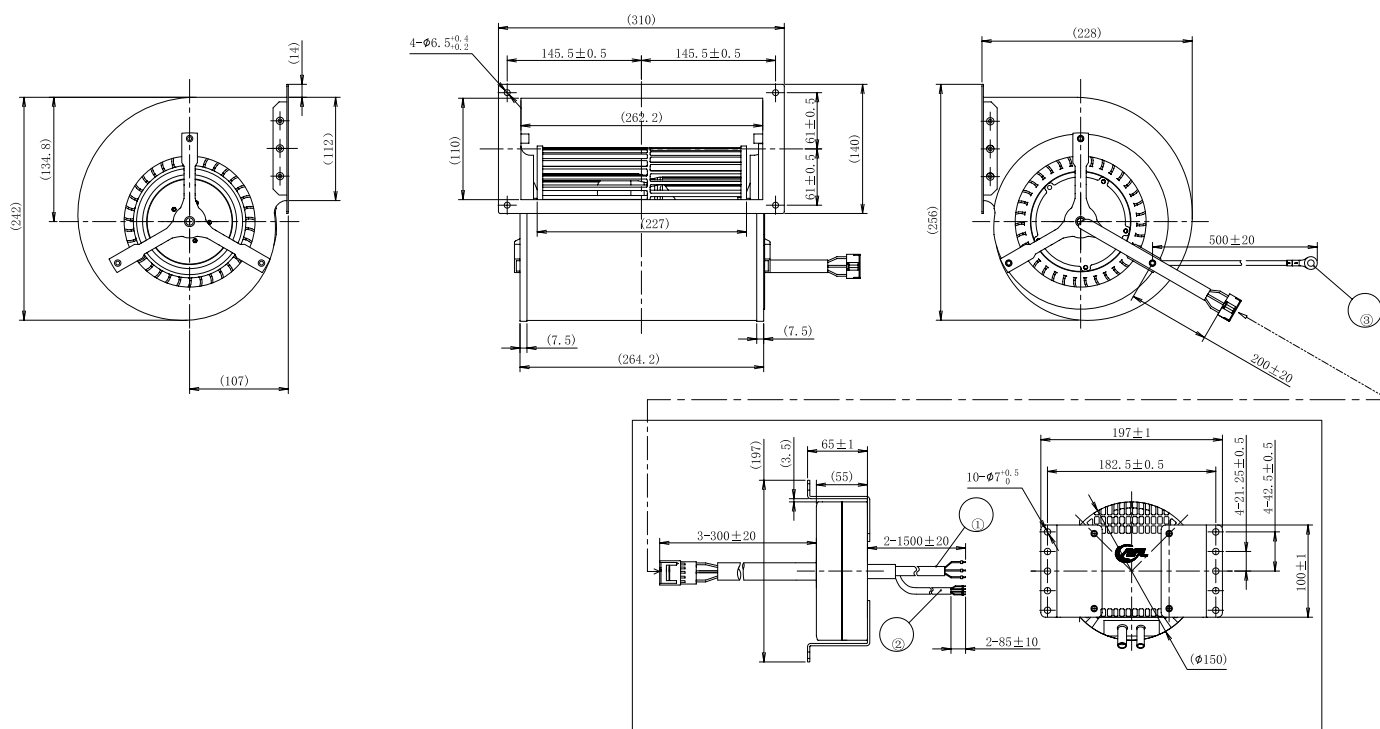
## ■ Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.9A
<b>Power input</b>	400 W
<b>Speed</b>	1700 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	70 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	volute-galvani- zed sheet

■ Air performance



- Product drawing



# Model No. F3P180-EC102-003

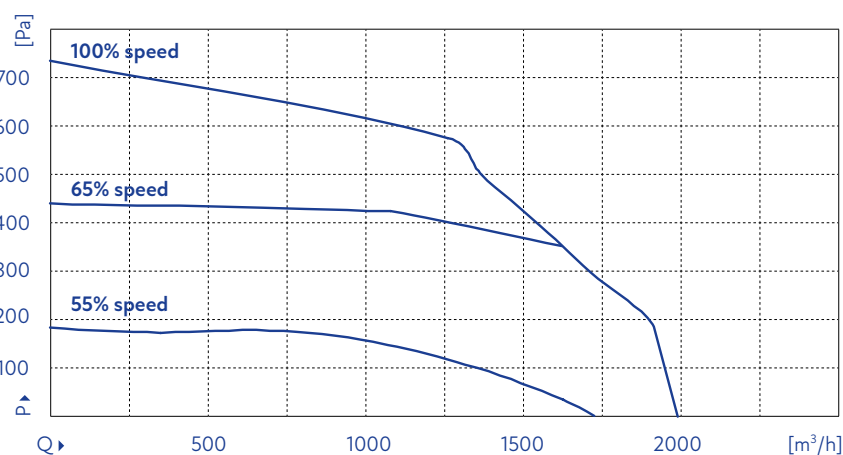
EC Dual Inlet Forward Curved Centrifugal Fans



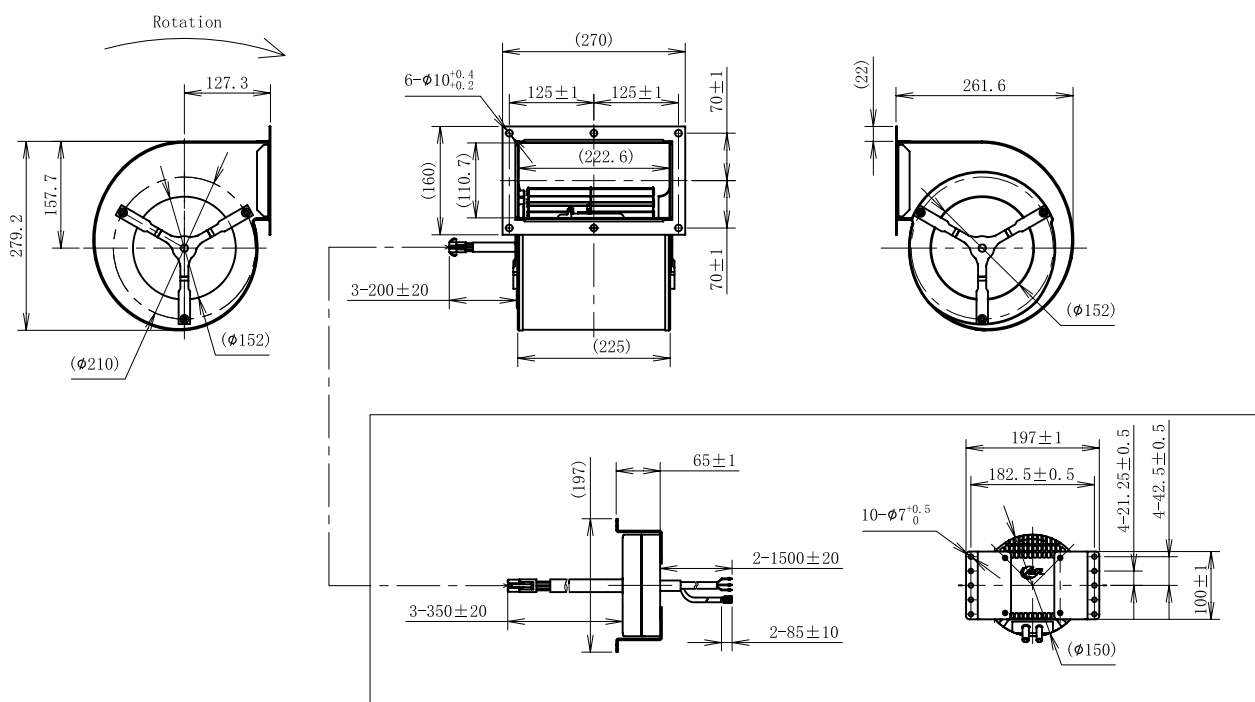
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.9 A
Power input	400 W
Speed	1550 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



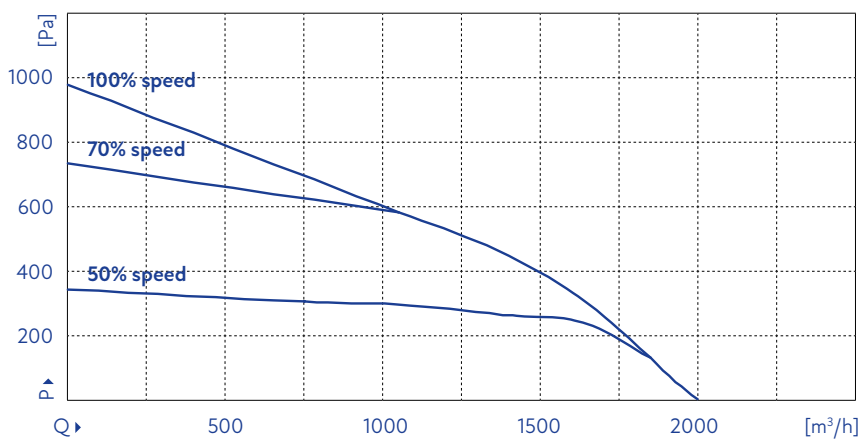
## EC Dual Inlet Forward Curved Centrifugal Fans



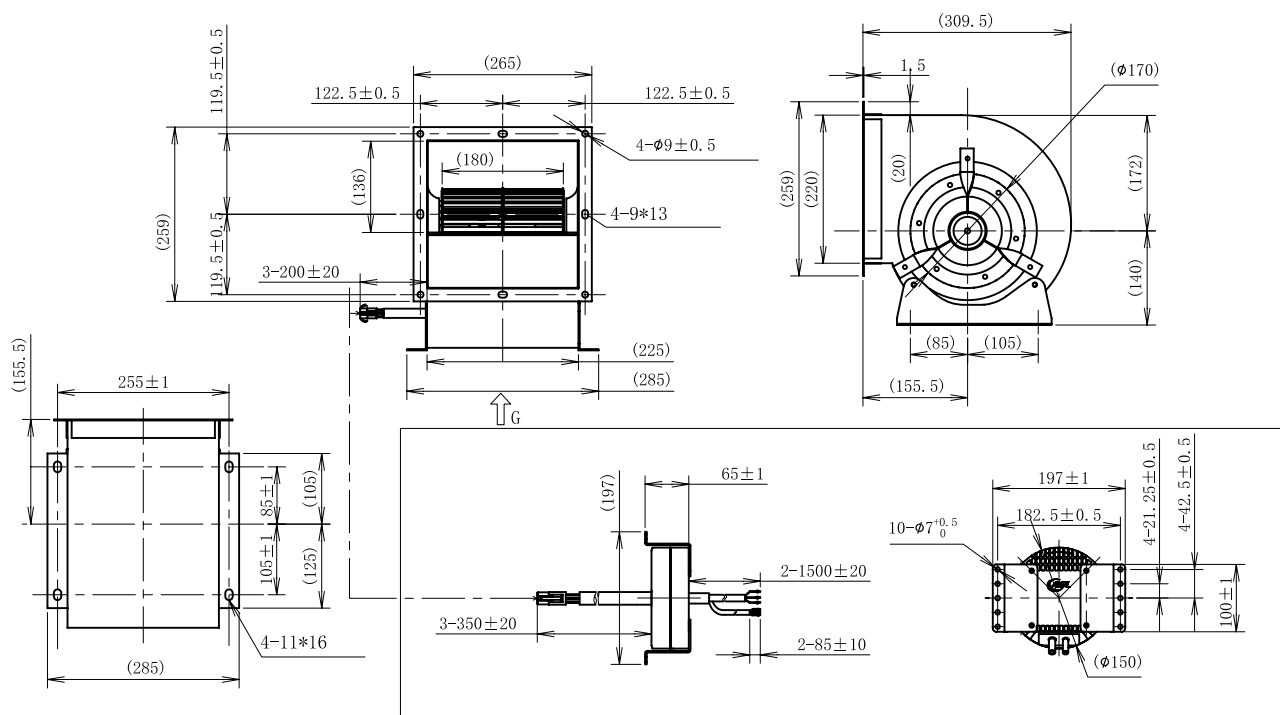
## ■ Technical data

<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.36 A
<b>Power input</b>	300 W
<b>Speed</b>	1150 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	64 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	galvanised sheet steel

■ Air performance



- Product drawing



# Model No. F3P225-EC137-002

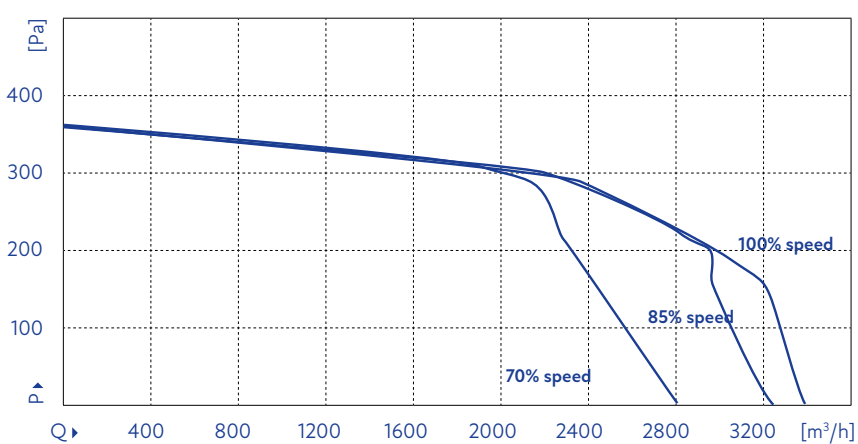
EC Dual Inlet Forward Curved Centrifugal Fans



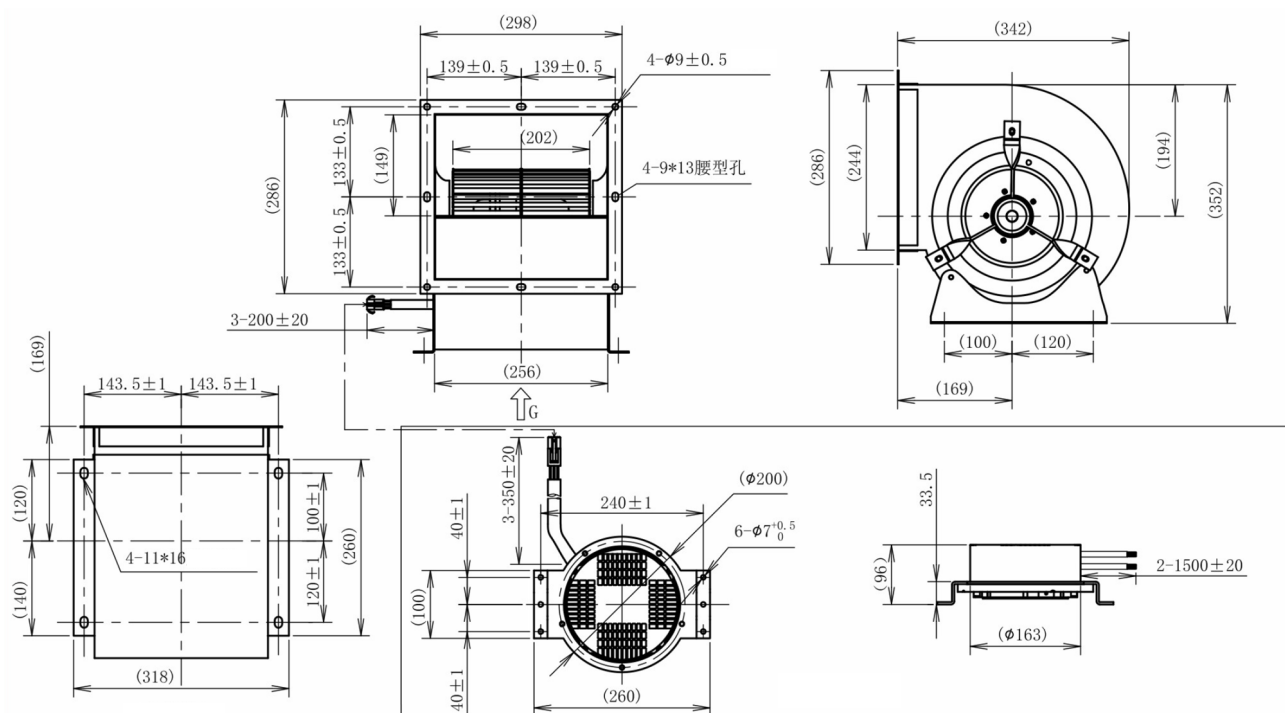
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.5 A
Power input	750 W
Speed	1250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	77 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P225-EC137-100

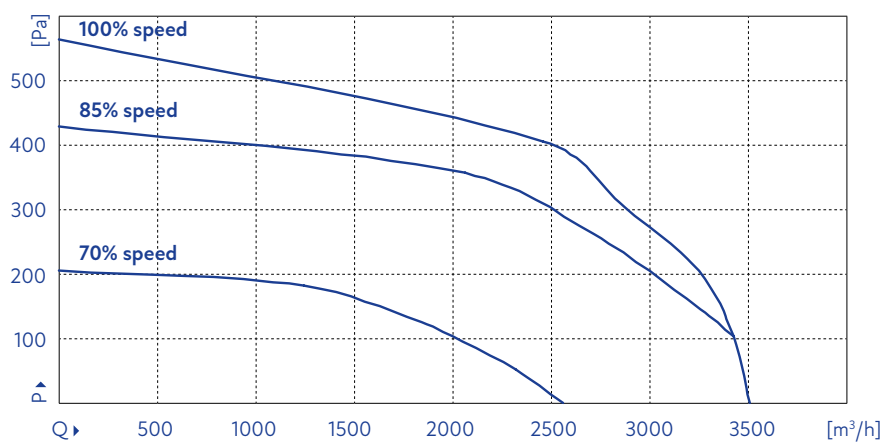
EC Dual Inlet Forward Curved Centrifugal Fans



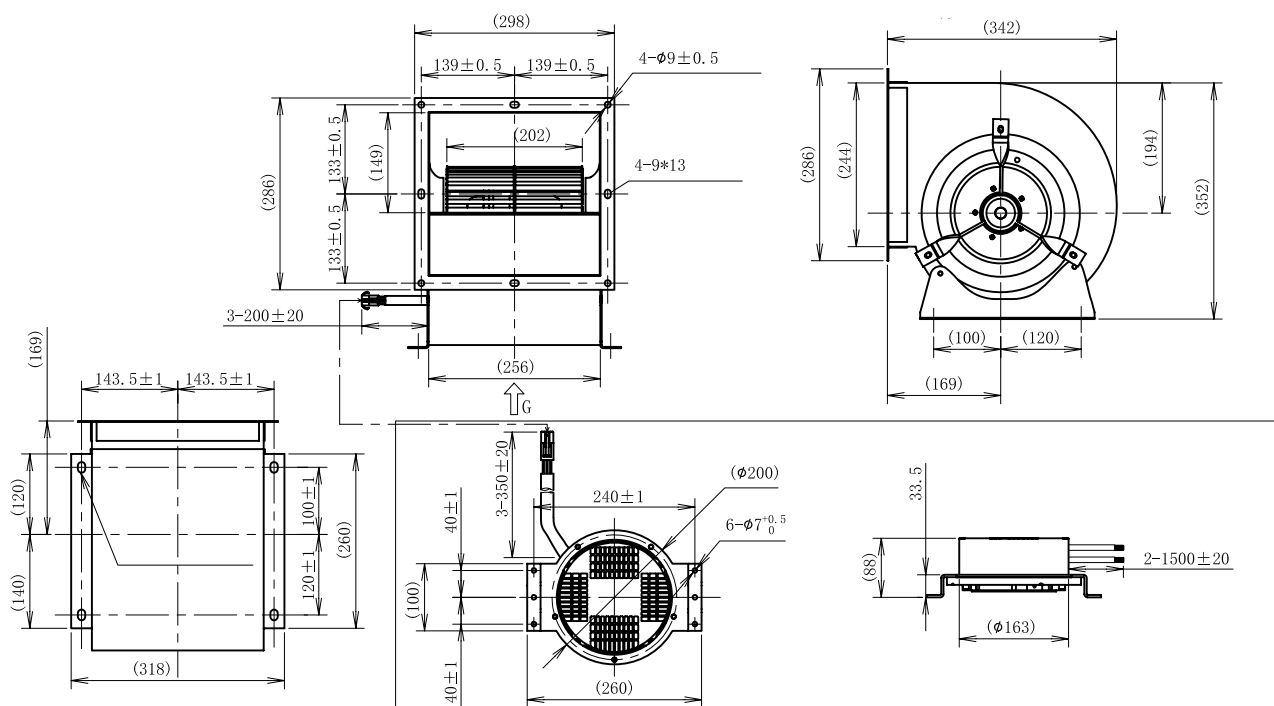
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.8 A
Power input	1050 W
Speed	1450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	78 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P250-EC137-008

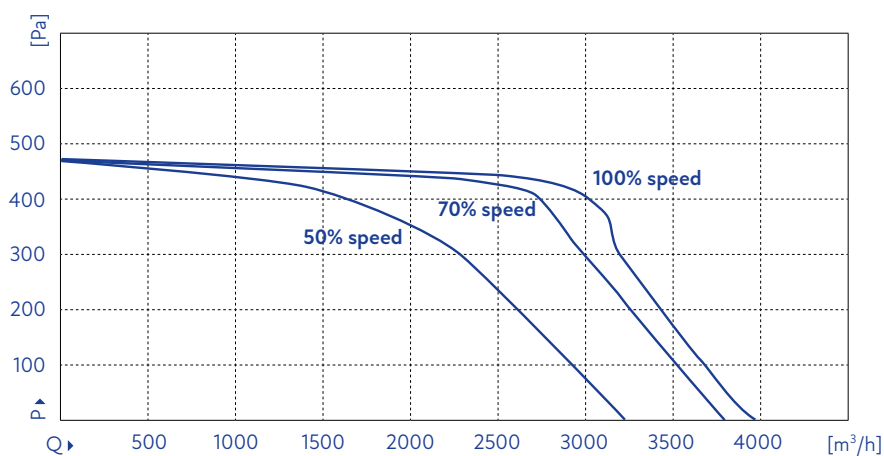
EC Dual Inlet Forward Curved Centrifugal Fans



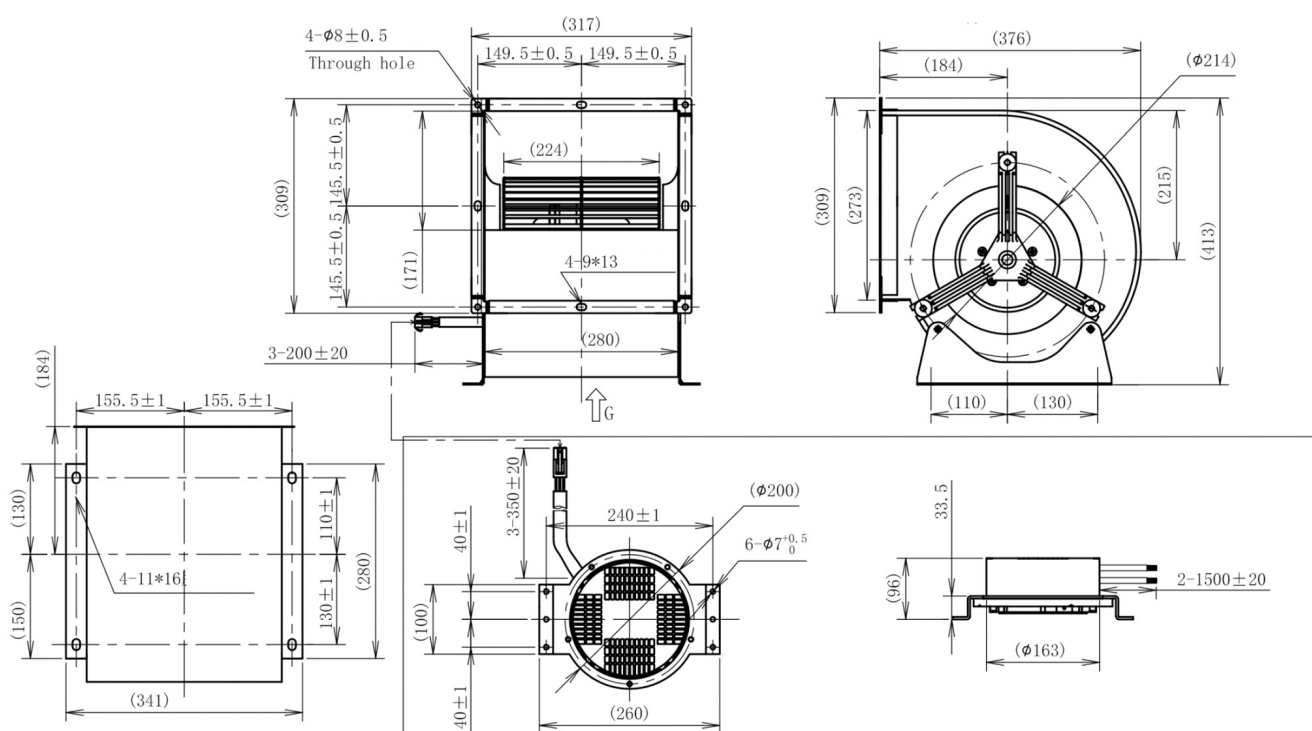
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.5 A
Power input	750 W
Speed	960 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	75 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance

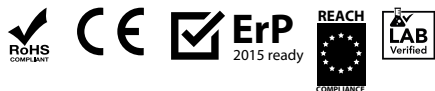


## Product drawing



# Model No. F3P250-EC137-100

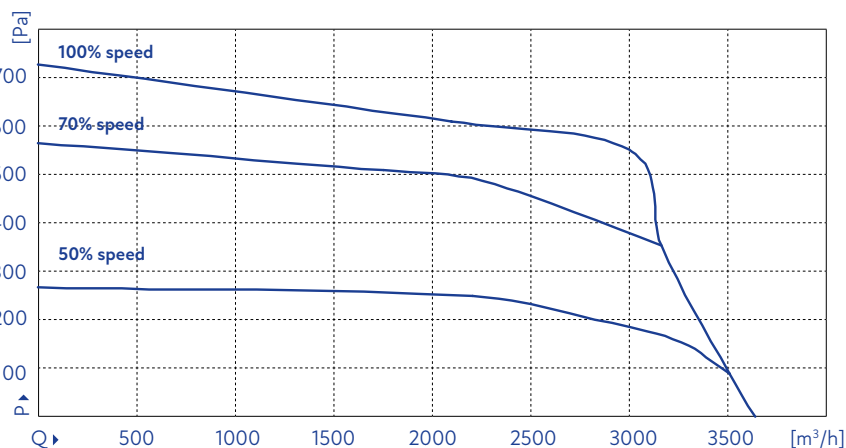
EC Dual Inlet Forward Curved Centrifugal Fans



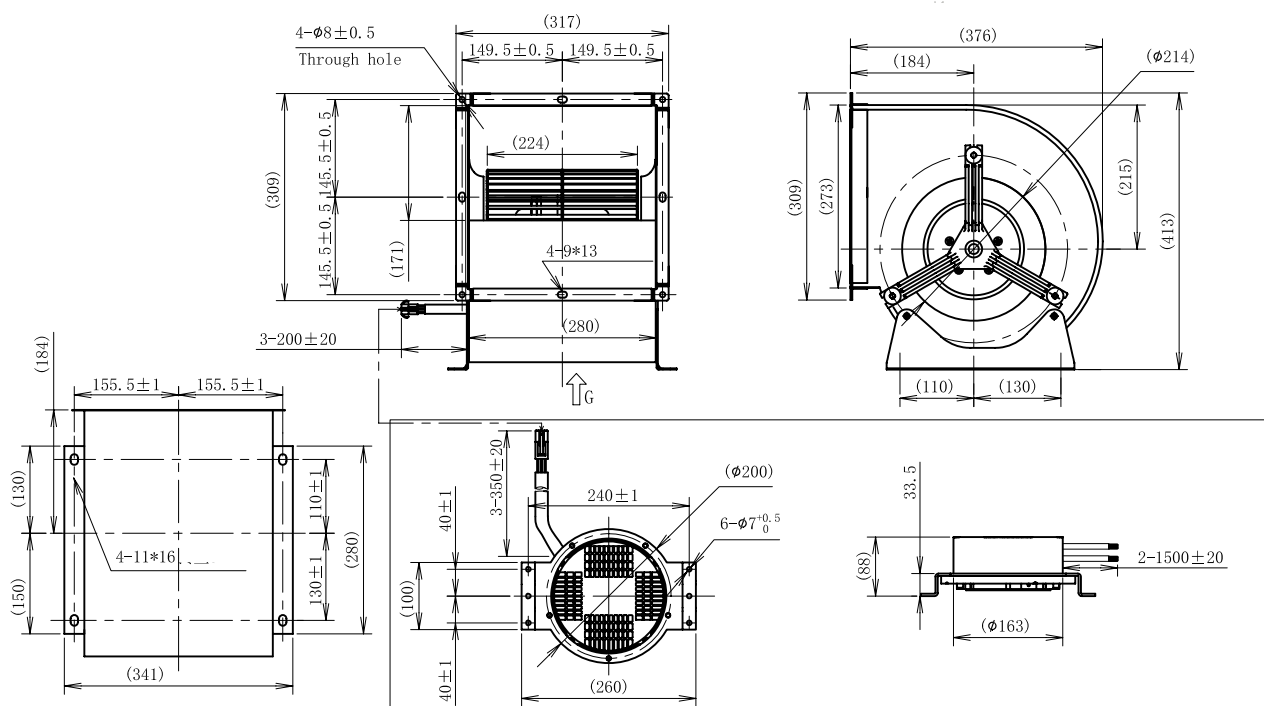
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.2 A
Power input	655 W
Speed	920 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



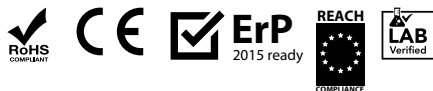
## Product drawing





# Model No. F3P280-EC137-005

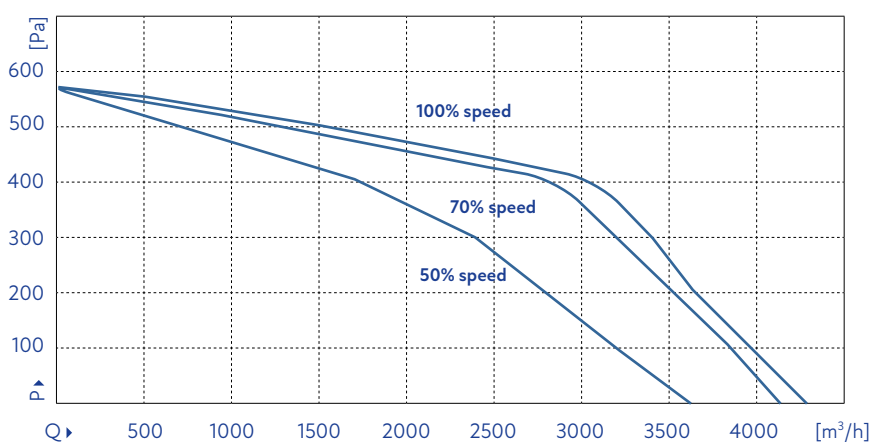
EC Dual Inlet Forward Curved Centrifugal Fans



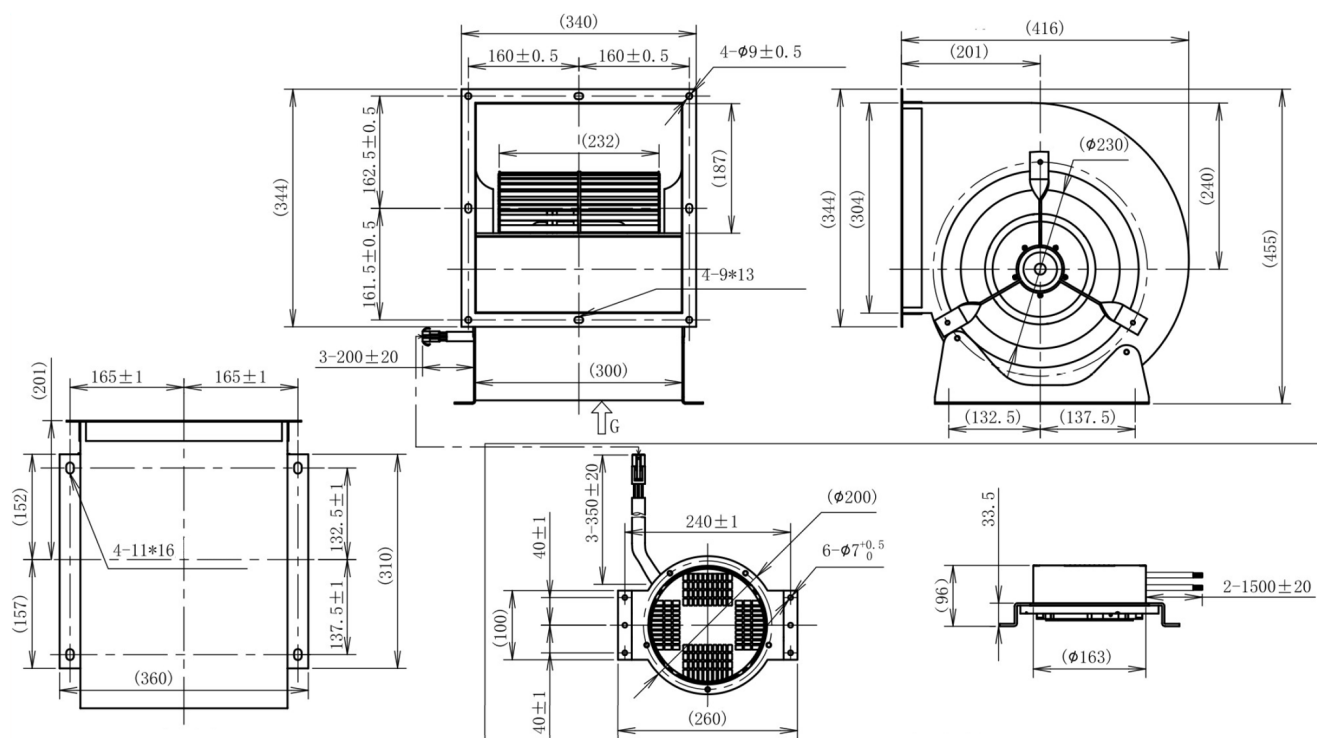
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	3.5 A
Power input	750 W
Speed	820 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



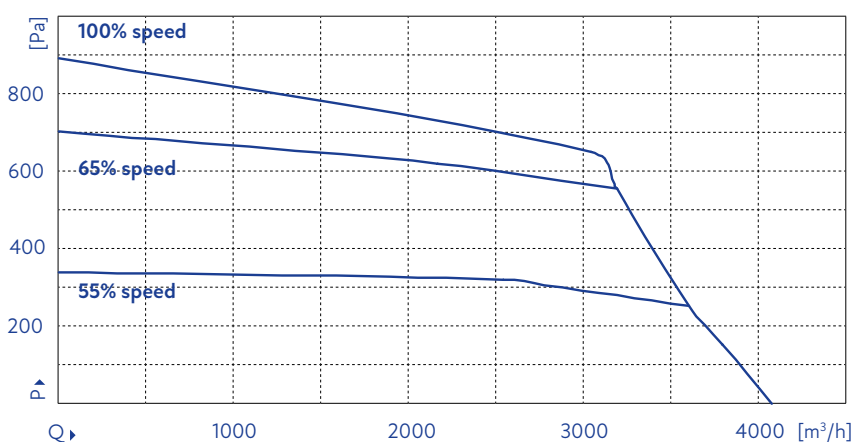
## EC Dual Inlet Forward Curved Centrifugal Fans



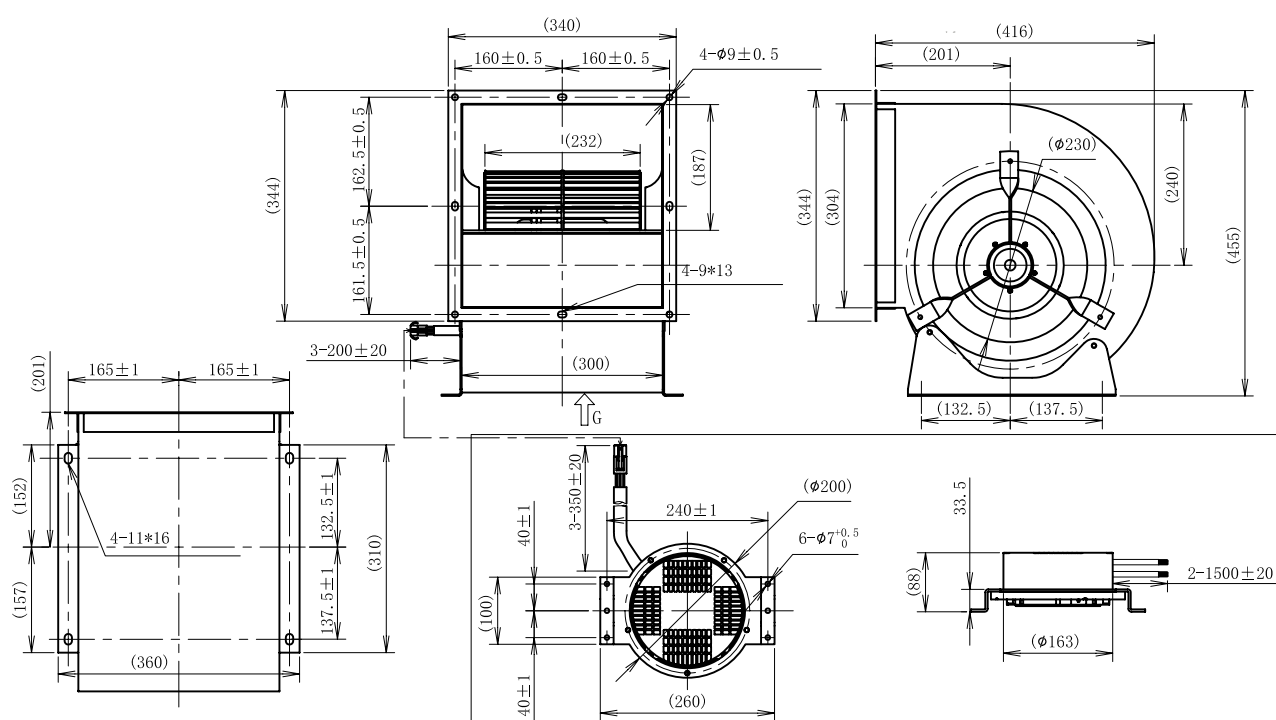
## ■ Technical data

<b>Supply</b>	3x400 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.1 A
<b>Power input</b>	600 W
<b>Speed</b>	800 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	72 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	F
<b>Impeller material</b>	galvanised sheet steel

- Air performance



- Product drawing



# Model No. F3P315-EC188-001

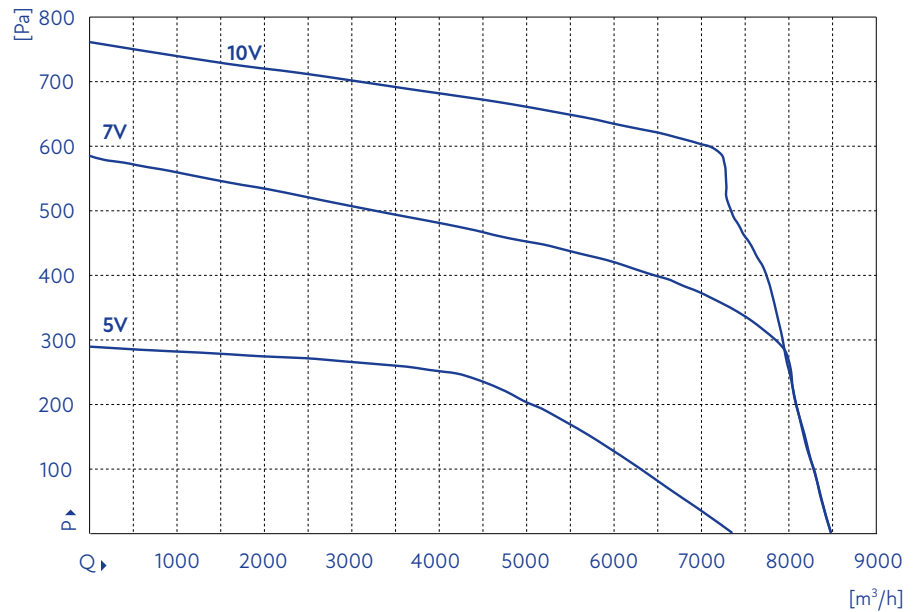
EC Dual Inlet Forward Curved Centrifugal Fans



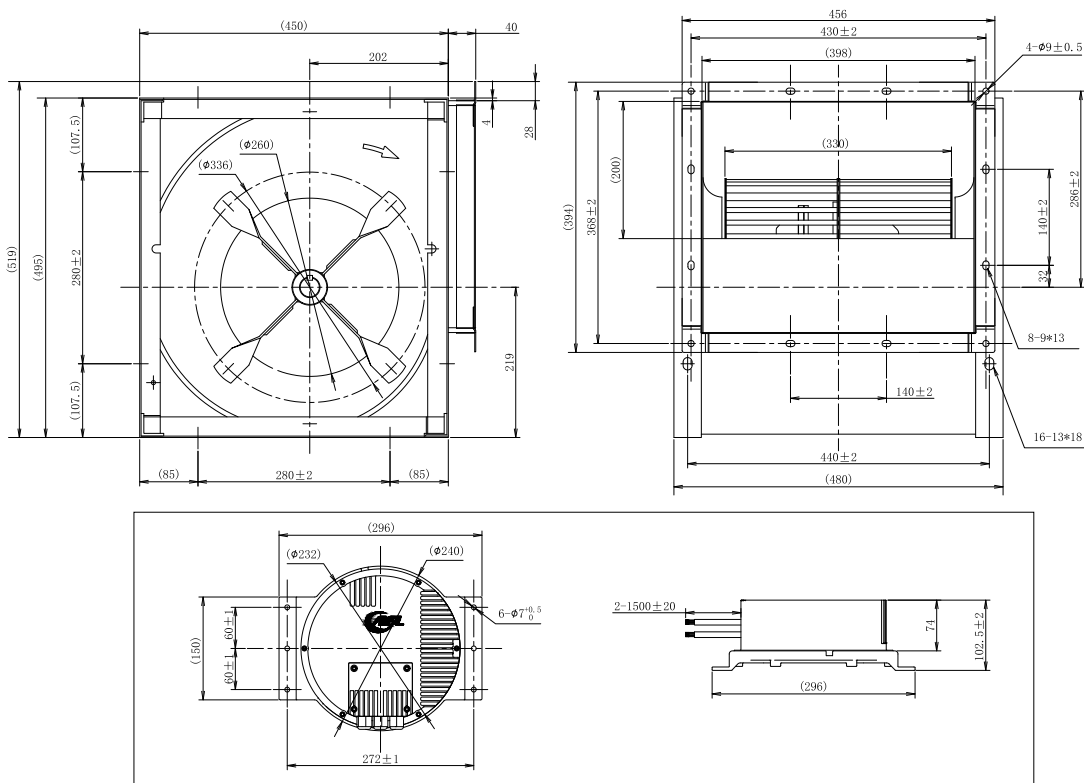
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	4.0 A
Power input	2400 W
Speed	1070 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-30 ~ +50 °C
Insulation class	F
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P355-EC188-001

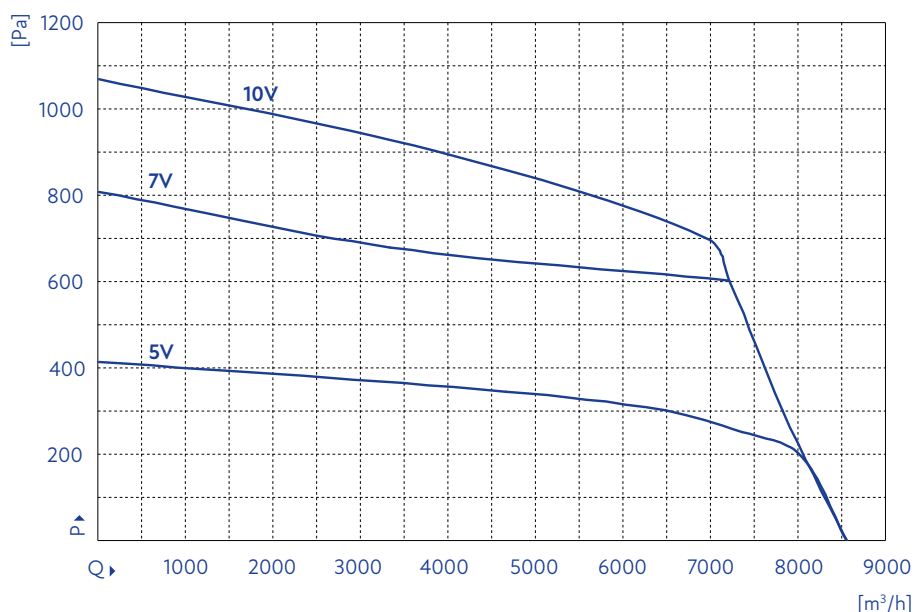
EC Dual Inlet Forward Curved Centrifugal Fans



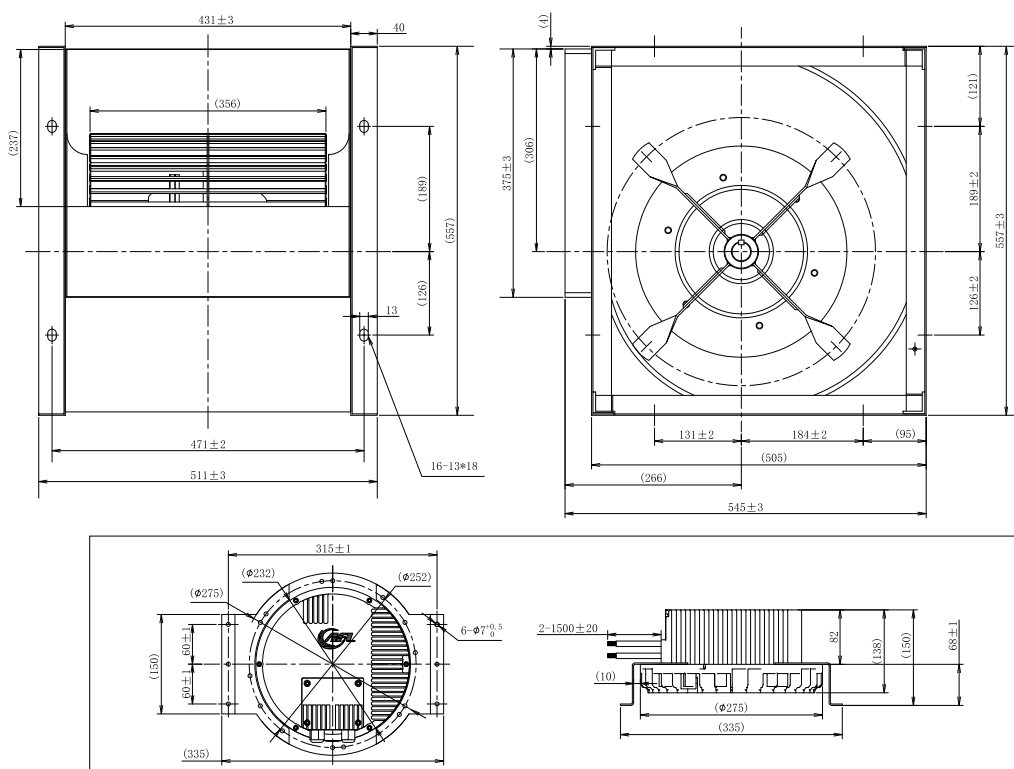
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	3.0 A
Power input	1700 W
Speed	760 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	81 dB
Degree of protection	IP44
Working temperature	-30 ~ +50 °C
Insulation class	F
Impeller material	galvanised sheet steel

## Air performance



## Product drawing



# Model No. F3P400-EC188-001

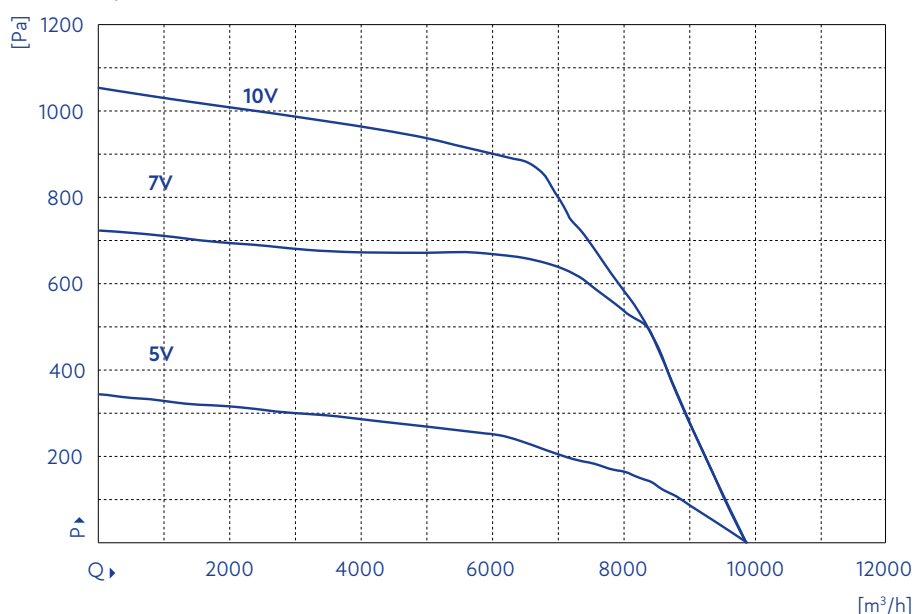
EC Dual Inlet Forward Curved Centrifugal Fans



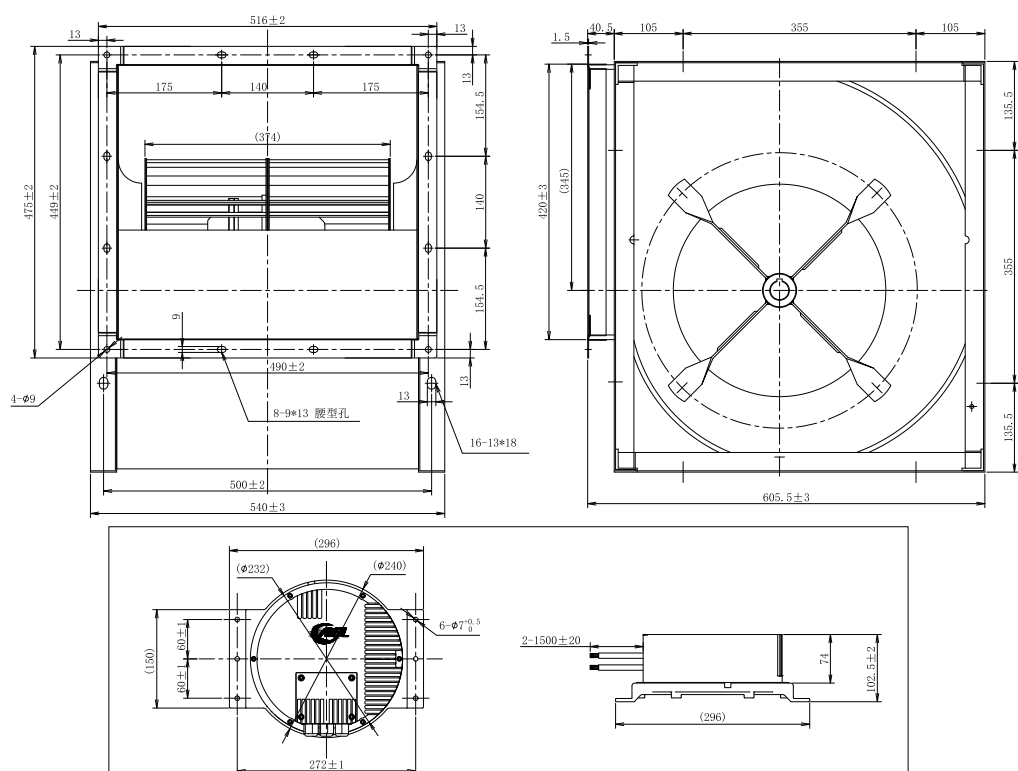
## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	3.3 A
Power input	2000 W
Speed	735 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	80 dB
Degree of protection	IP44
Working temperature	-30 ~ +50 °C
Insulation class	F
Impeller material	galvanised sheet steel

## Air performance



## Product drawing





EC Axial fans



# Model No. A3P200-EC072-.....

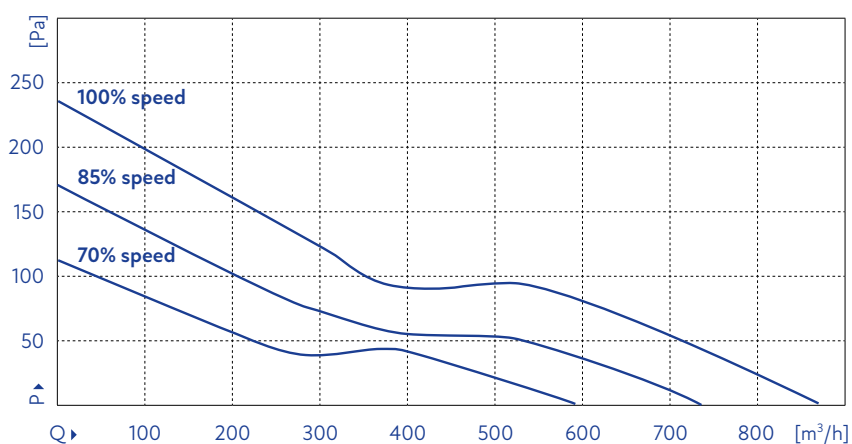
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	80 W
Speed	2600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	54 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

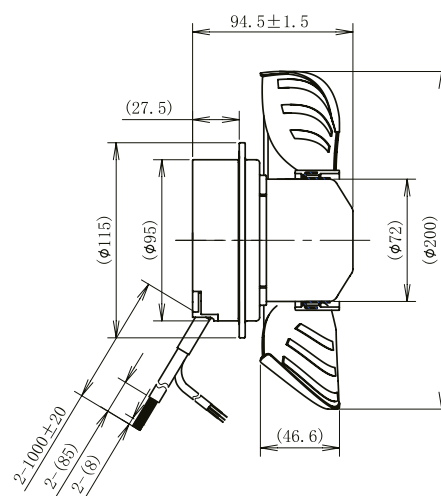
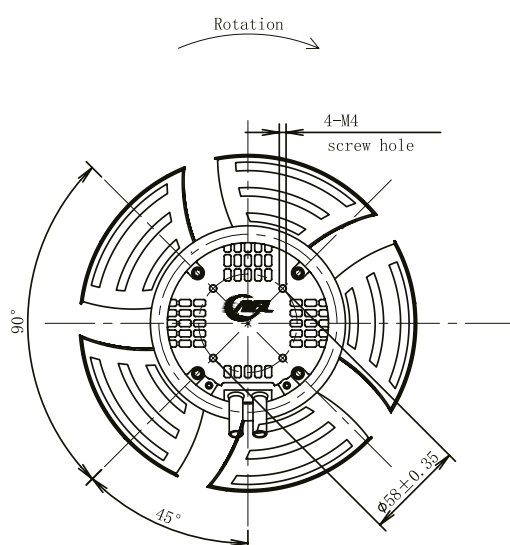


## Product drawing

Model No. A3P200-EC072-004 (suction)



Model No. A3P200-EC072-005 (blowing)





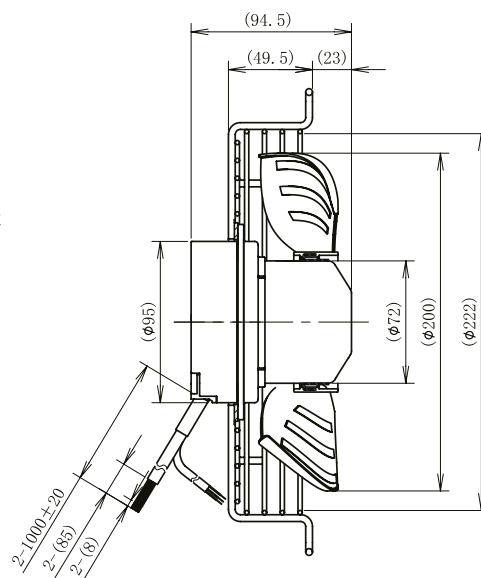
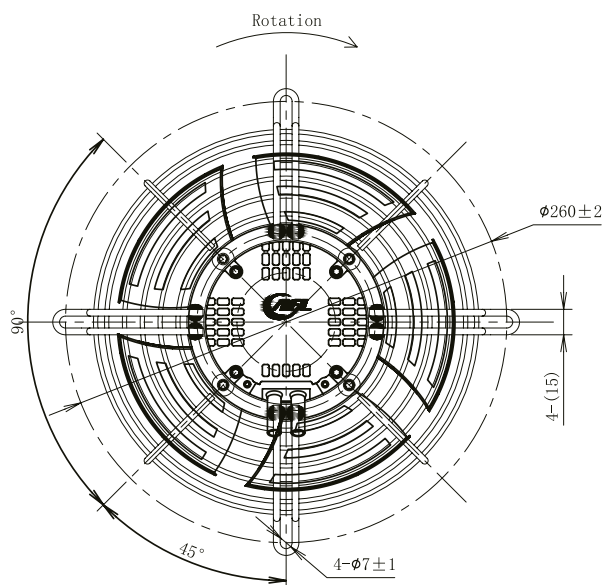
## Product drawing

With wall concave net cover grill

Model No. **A3P200-EC072-100** (suction)



Model No. **A3P200-EC072-001** (blowing)



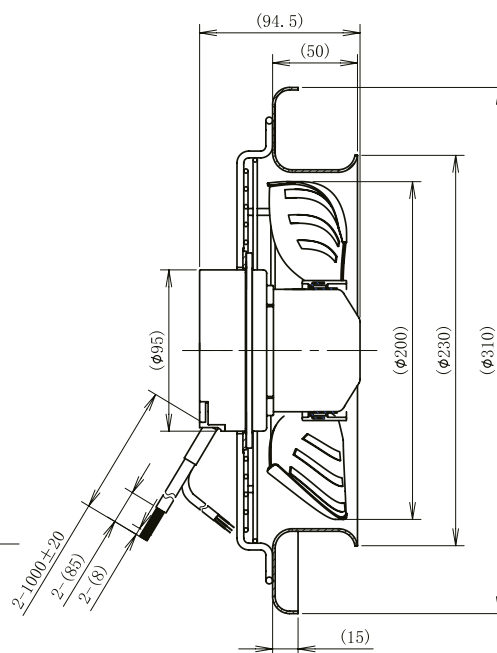
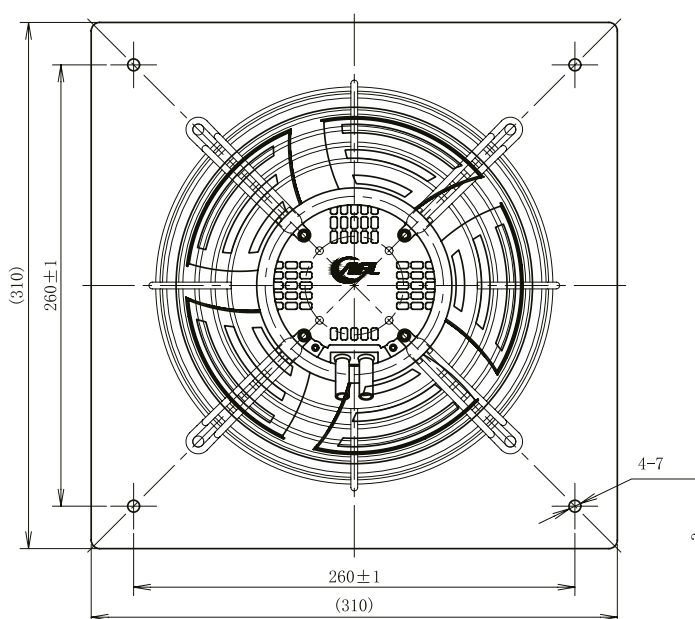
## Product drawing

With wind guide panel

Model No. **A3P200-EC072-002** (suction)



Model No. **A3P200-EC072-003** (blowing)



# Model No. A3P200-EC092-.....

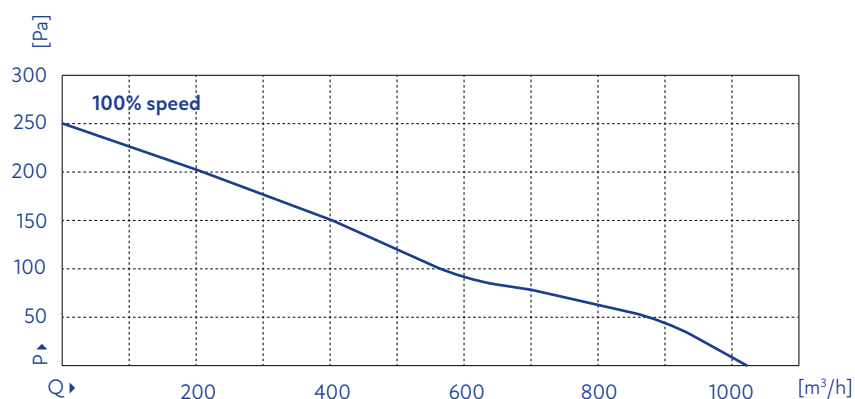
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.7 A
Power input	85 W
Speed	2800 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	60 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

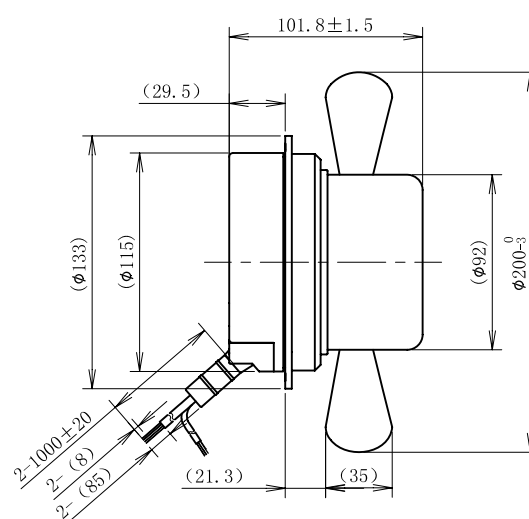
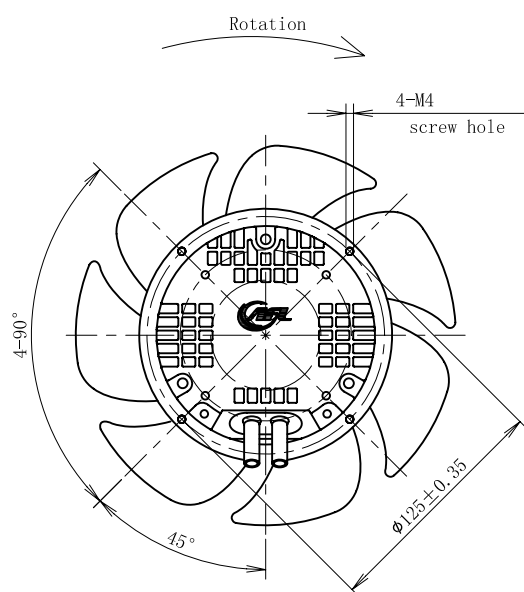


## Product drawing

Model No. A3P200-EC092-004 (suction)



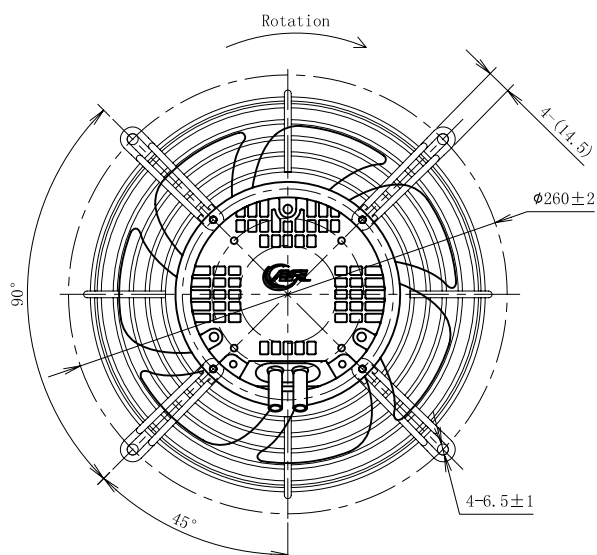
Model No. A3P200-EC092-005 (blowing)



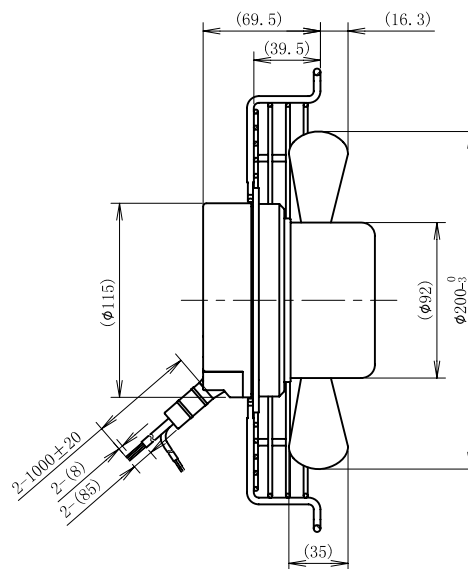
## Product drawing

With wall concave net cover grill

Model No. **A3P200-EC092-100** (suction)



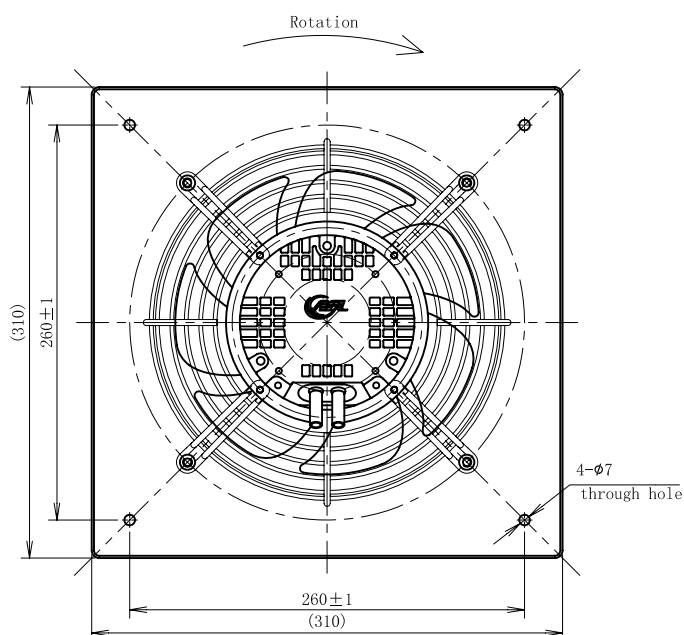
Model No. **A3P200-EC092-001** (blowing)



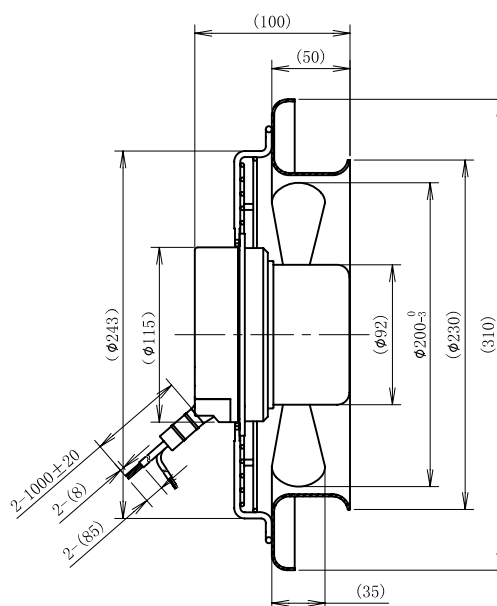
## Product drawing

With wind guide panel

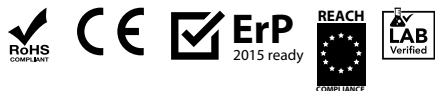
Model No. **A3P200-EC092-002** (suction)



Model No. **A3P200-EC092-003** (blowing)

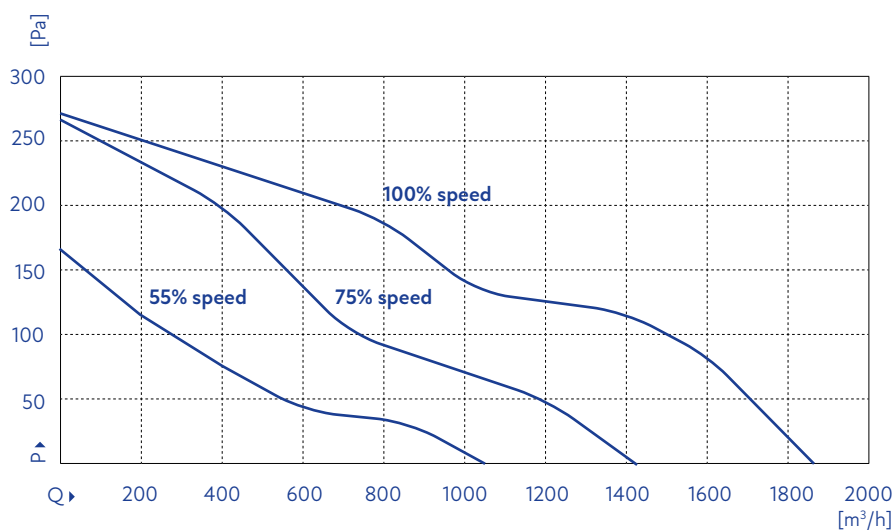


## EC Axial Fan



- Air performance

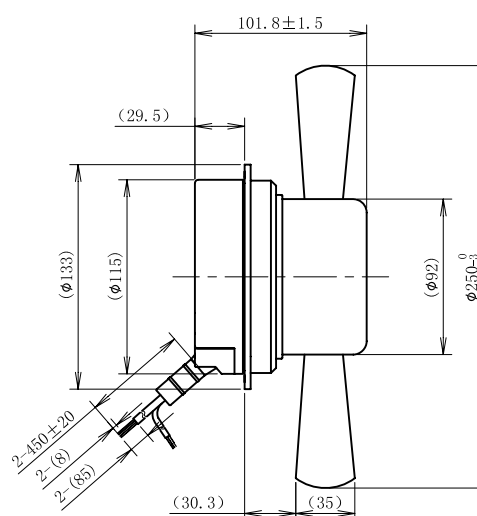
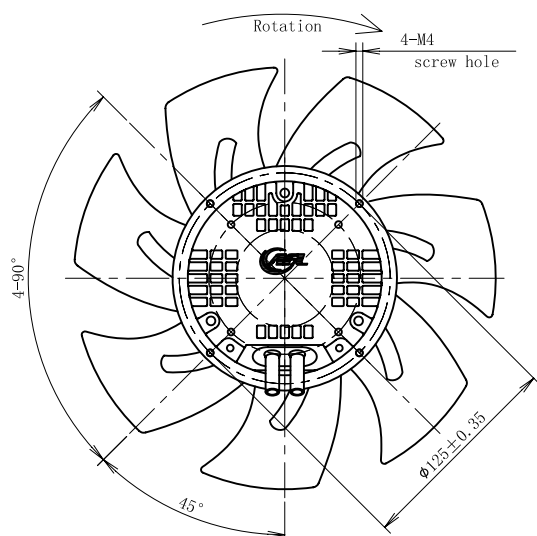
<b>Supply</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current draw</b>	1.1 A
<b>Power input</b>	170 W
<b>Speed</b>	3150 min <sup>-1</sup>
<b>Control input</b>	0-10 VDC / PWM
<b>Sound pressure level</b>	69 dB
<b>Degree of protection</b>	IP44
<b>Working temperature</b>	-25 ~ +60 °C
<b>Insulation class</b>	B
<b>Impeller material</b>	sheet steel



## Model No. A3P250-EC092-004 (suction)

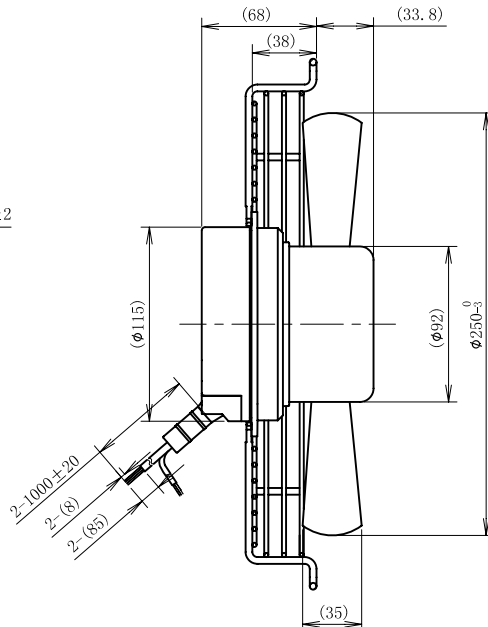
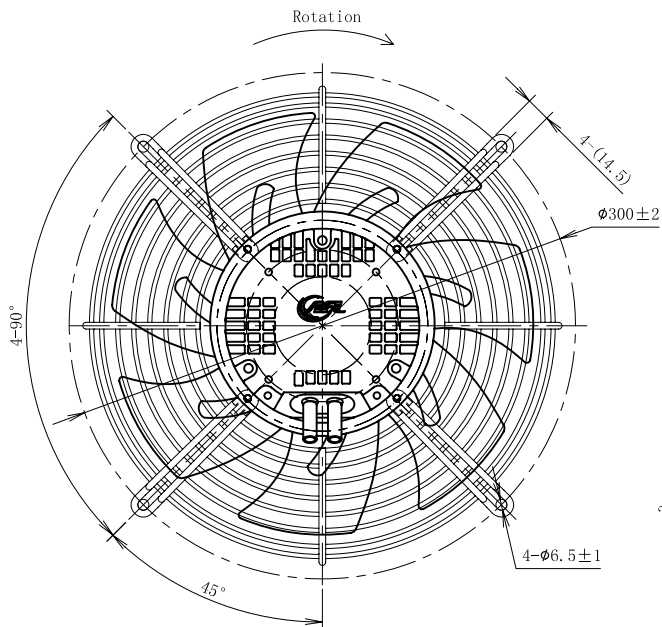


Model No. A3P250-EC092-005 (blowing)



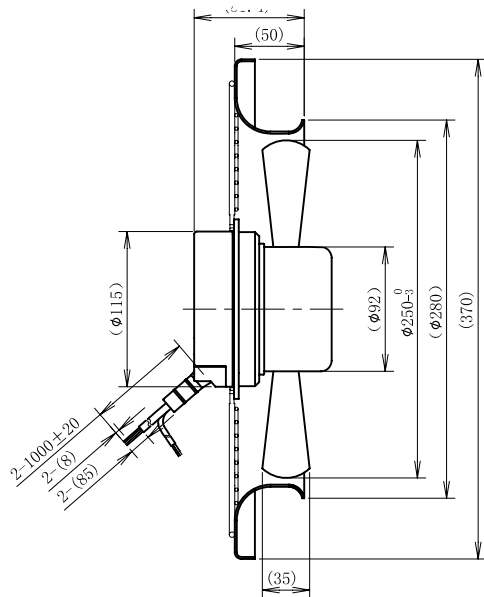
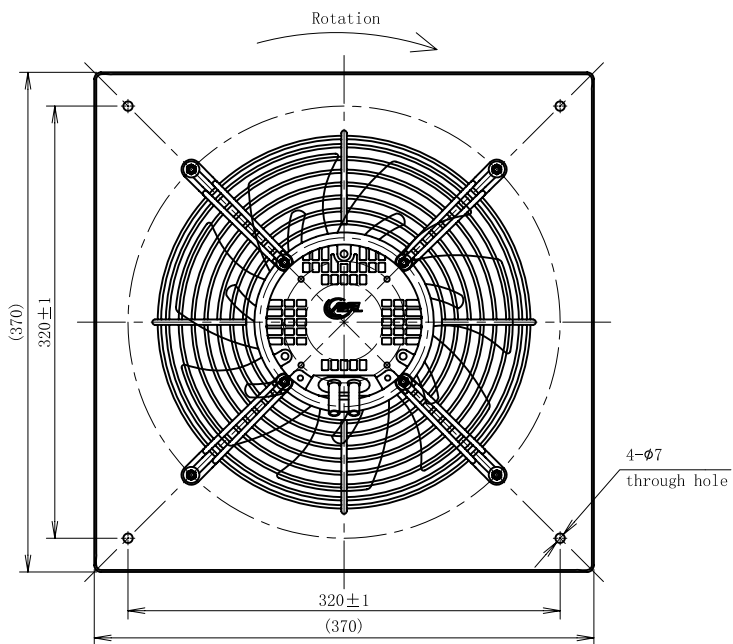
- Product drawing

With wall concave net cover grill

Model No. **A3P250-EC092-100** (suction)Model No. **A3P250-EC092-001** (blowing)

## ■ Product drawing

With wind guide panel

Model No. **A3P250-EC092-002** (suction)Model No. **A3P250-EC092-003** (blowing)

# Model No. A3P250-EC092-04....

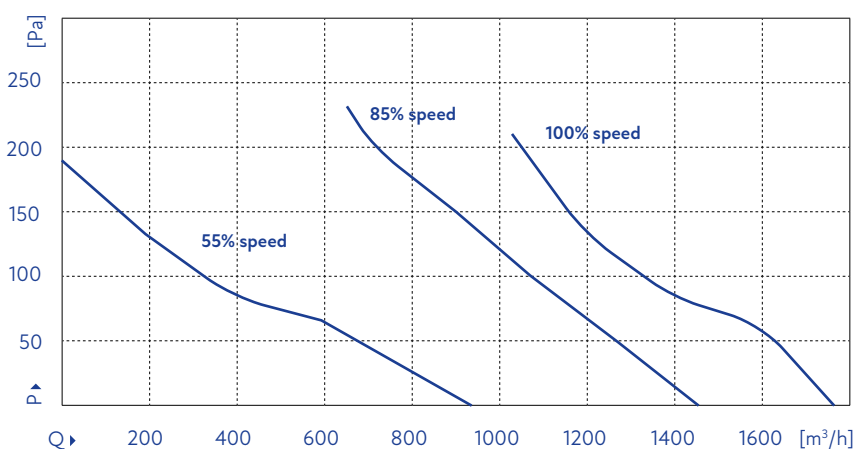
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.4 A
Power input	200 W
Speed	3150 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

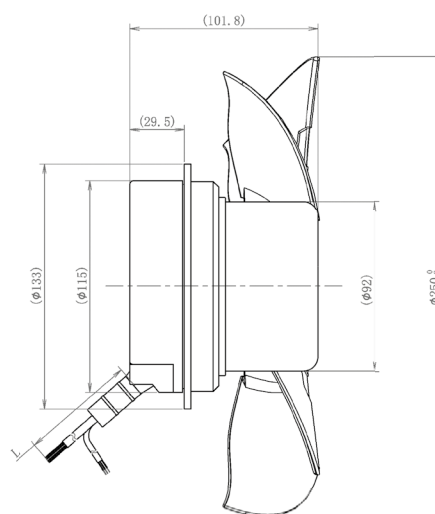
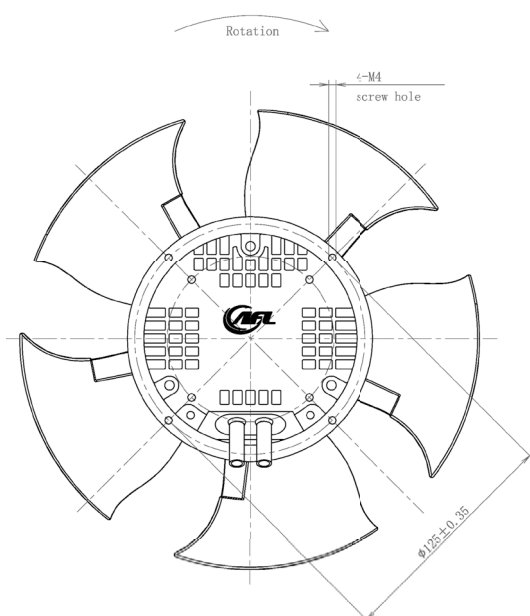


## Product drawing

Model No. A3P250-EC092-044 (suction)



Model No. A3P250-EC092-045 (blowing)



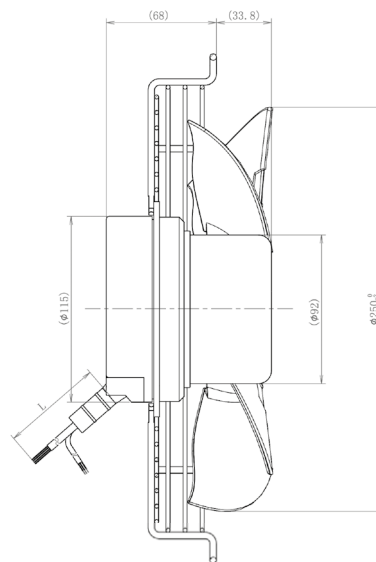
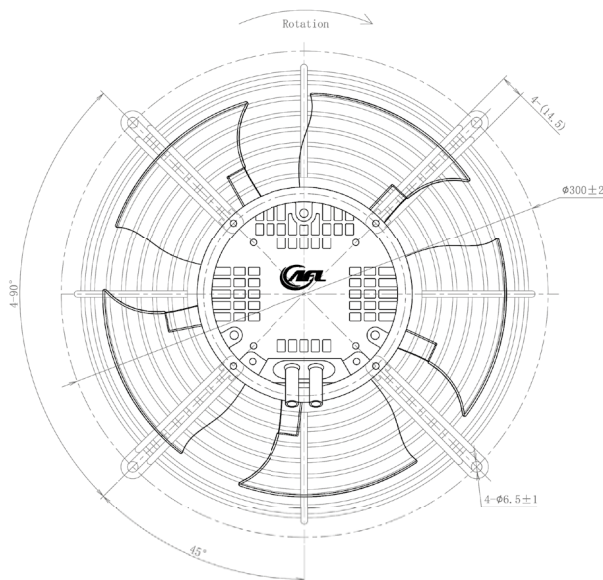
## Product drawing

With wall concave net cover grill

Model No. **A3P250-EC092-040** (suction)



Model No. **A3P250-EC092-041** (blowing)



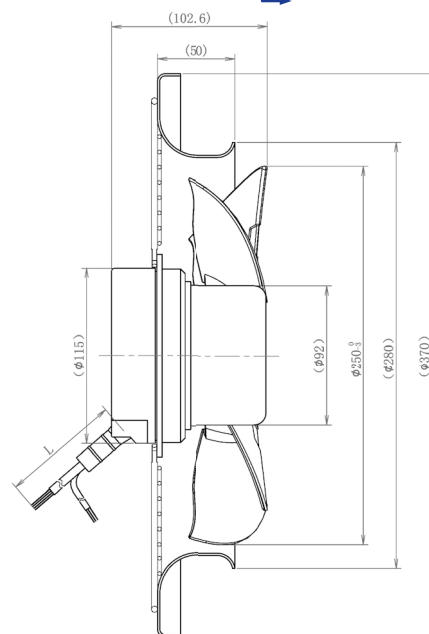
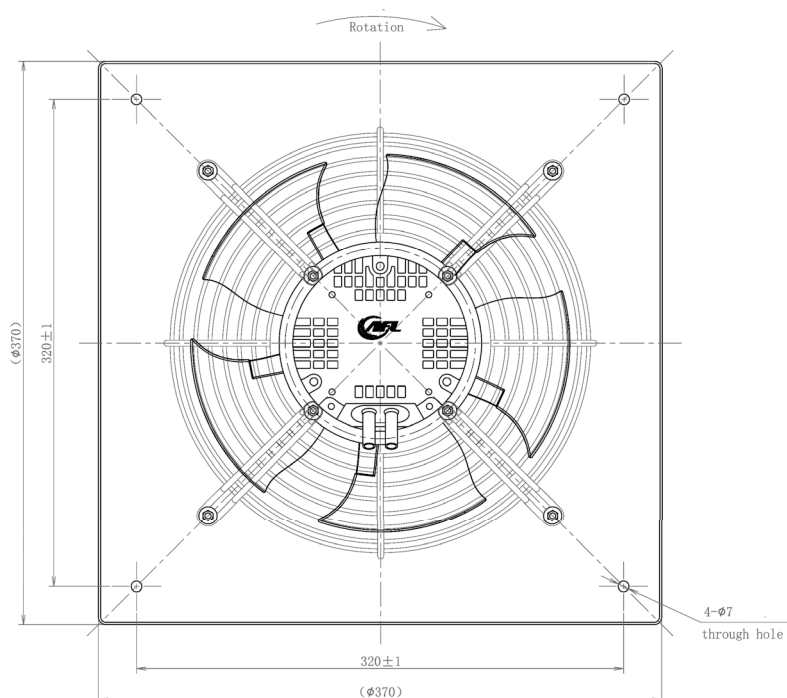
## Product drawing

With wind guide panel

Model No. **A3P250-EC092-042** (suction)



Model No. **A3P250-EC072-43** (blowing)





# Model No. A3P300-EC072-...

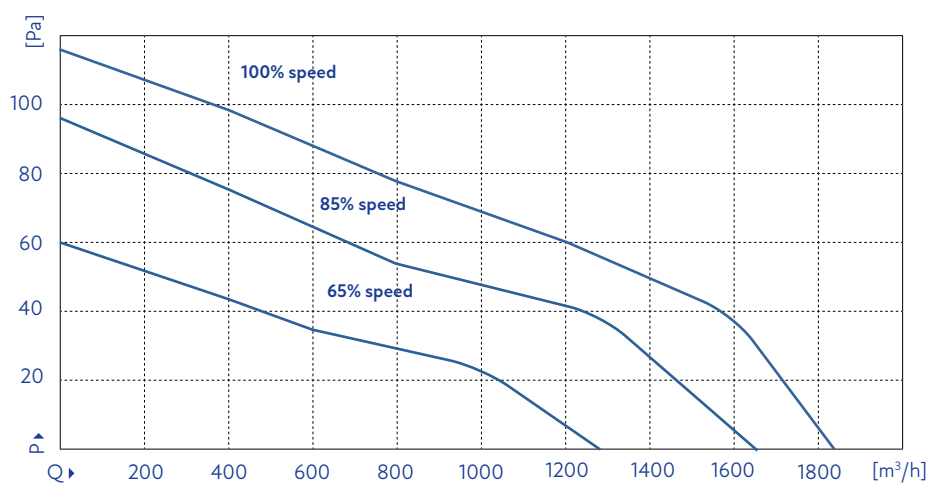
EC Axial Fan




## Technical data


Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.4 A
Power input	60 W
Speed	1400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	63 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

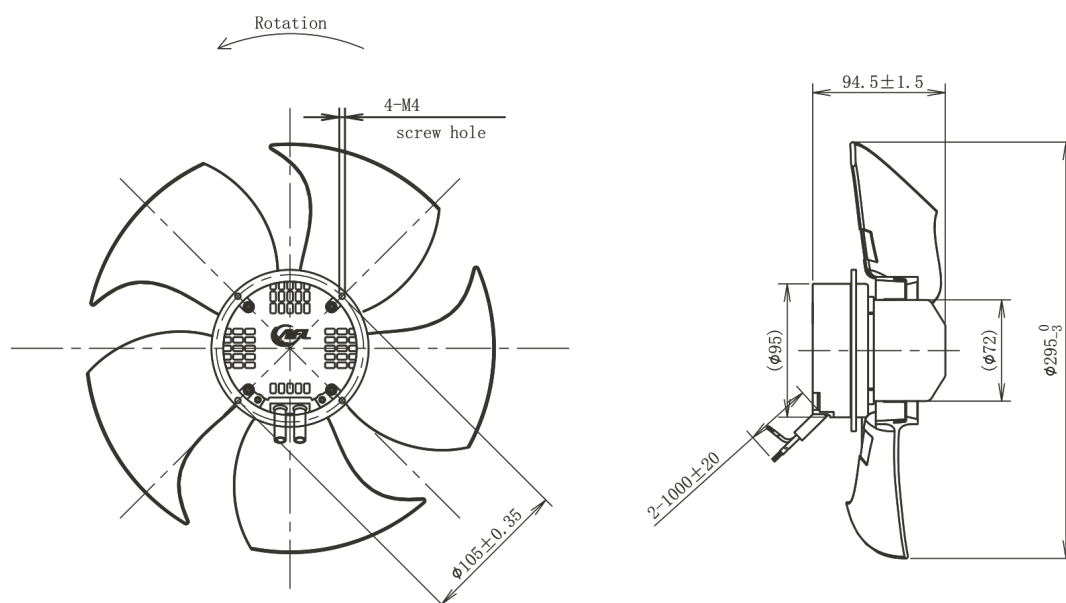
## Air performance



## Product drawing

Model No. **A3P300-EC072-004** (suction) 

Model No. **A3P300-EC072-005** (blowing) 



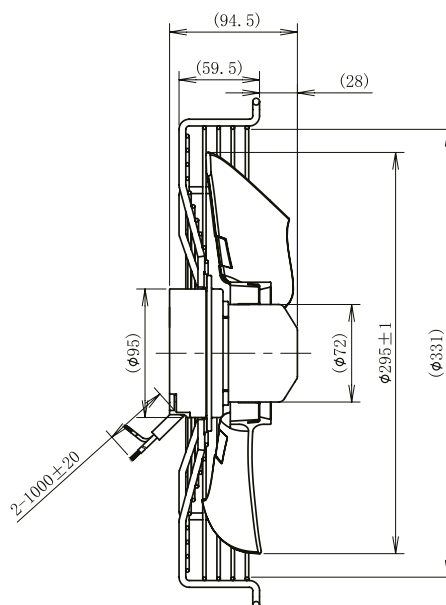
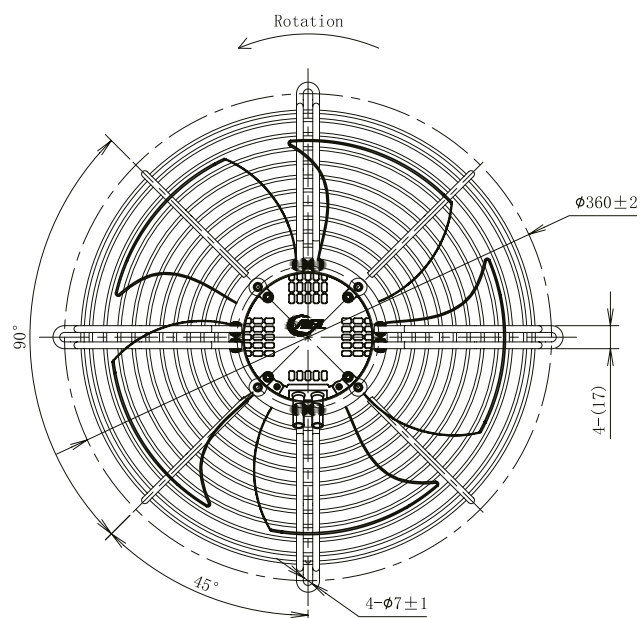
## Product drawing

With wall concave net cover grill

Model No. **A3P300-EC072-100** (suction)



Model No. **A3P300-EC072-001** (blowing)



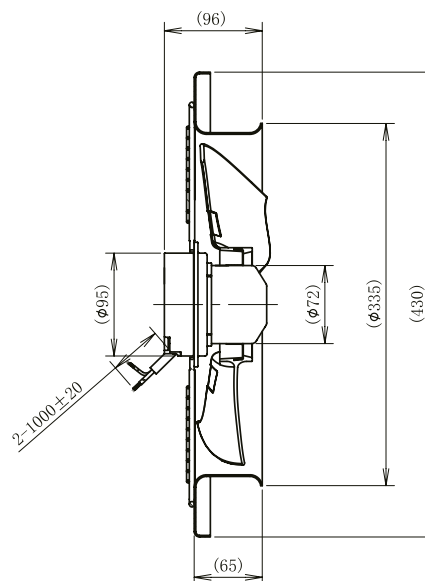
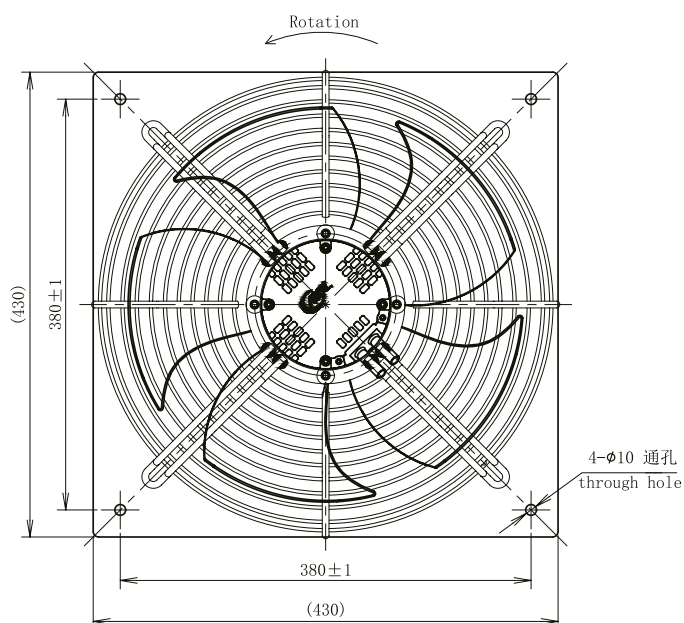
## Product drawing

With wind guide panel

Model No. **A3P300-EC072-002** (suction)



Model No. **A3P300-EC072-003** (blowing)



# Model No. A3P300-EC092-.....

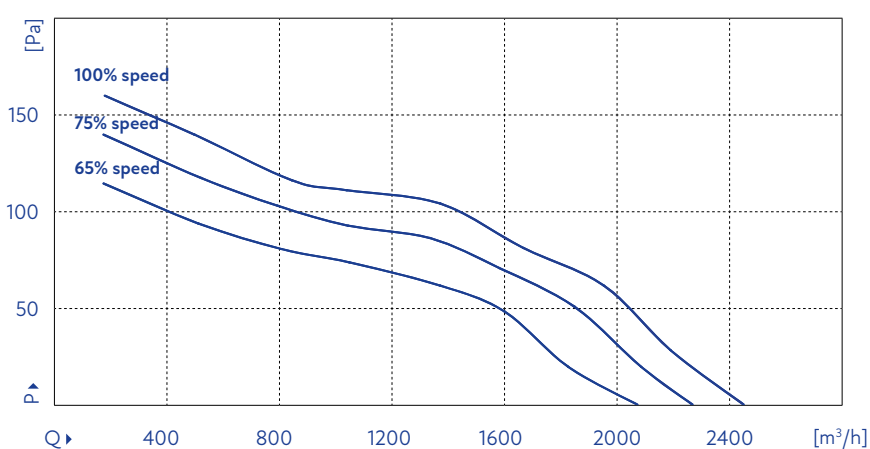
EC Axial Fan



## Technical data

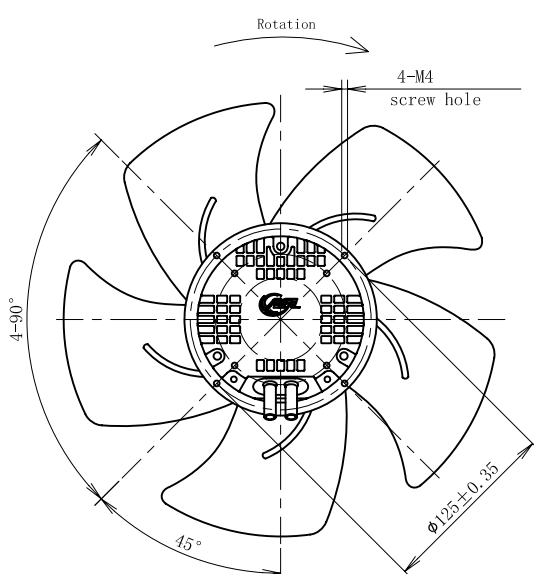
Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.1 A
Power input	160 W
Speed	1900 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	64 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

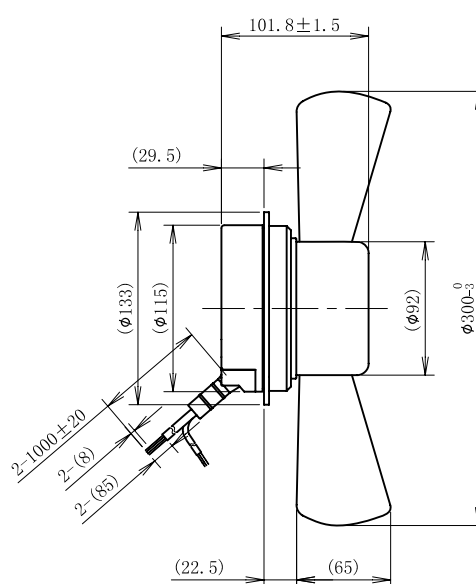


## Product drawing

Model No. A3P300-EC092-004 (suction)



Model No. A3P300-EC092-005 (blowing)



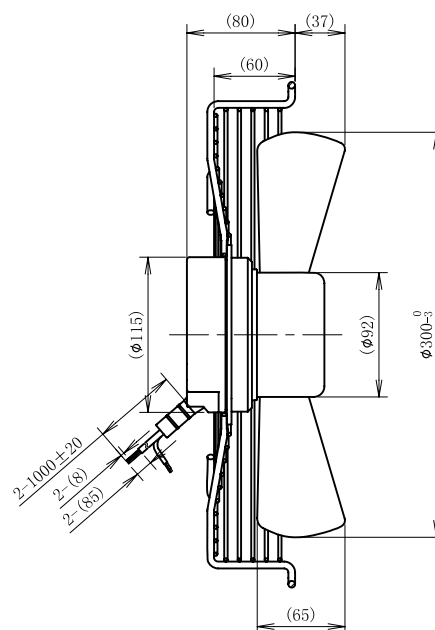
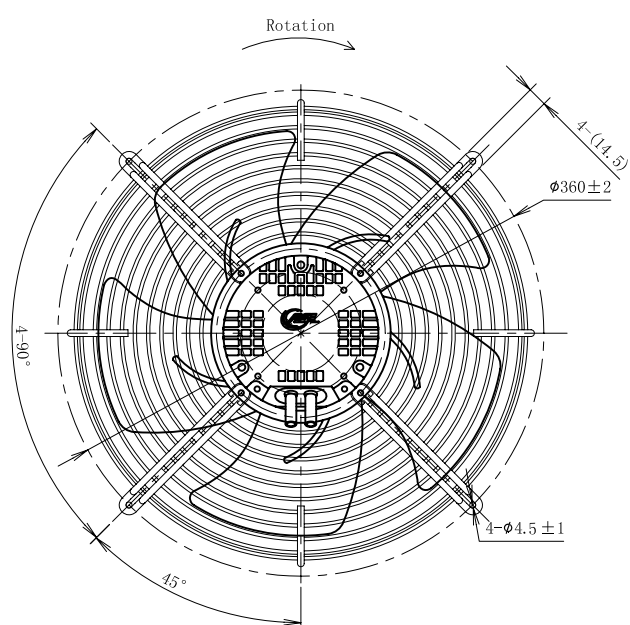
## Product drawing

With wall concave net cover grill

Model No. **A3P300-EC092-100** (suction)



Model No. **A3P300-EC092-001** (blowing)



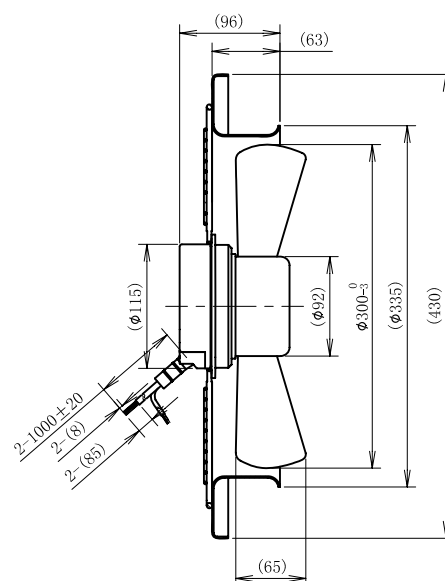
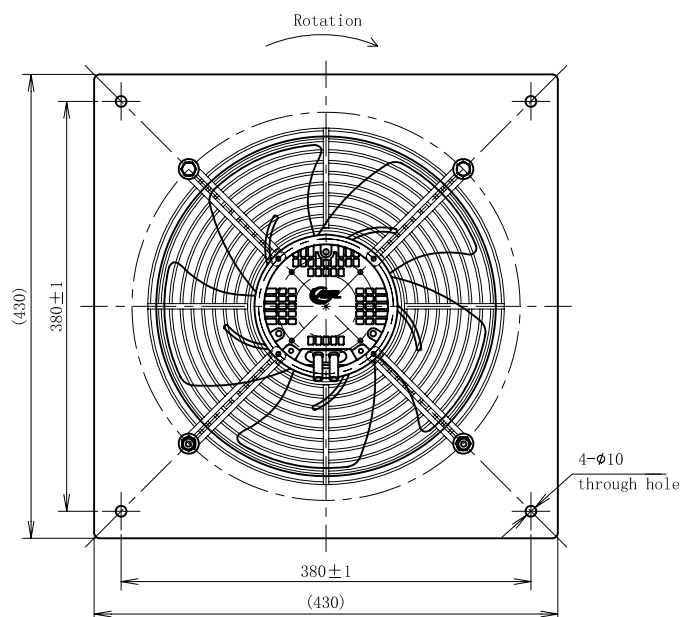
## Product drawing

With wind guide panel

Model No. **A3P300-EC092-002** (suction)



Model No. **A3P300-EC092-003** (blowing)



# Model No. A3P300-EC092-04....

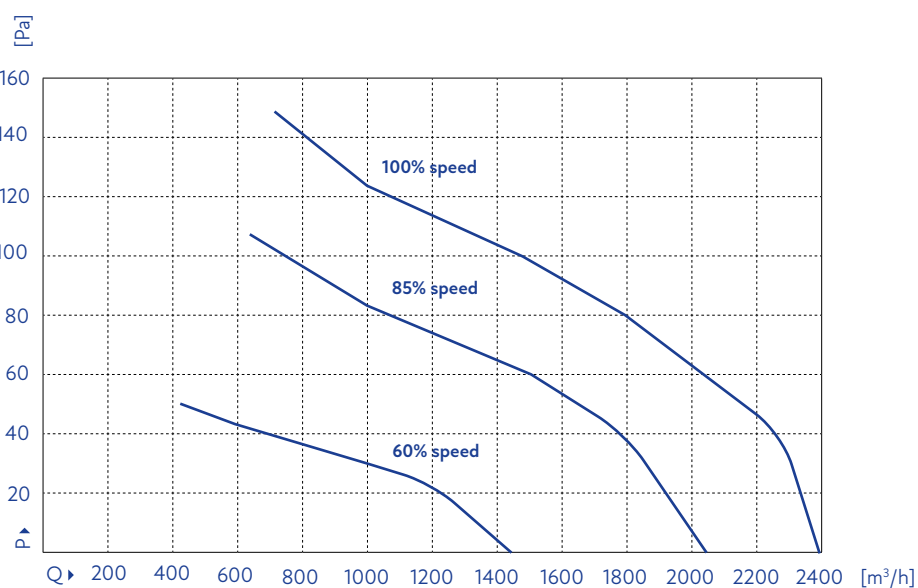
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.2 A
Power input	165 W
Speed	2100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	65 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

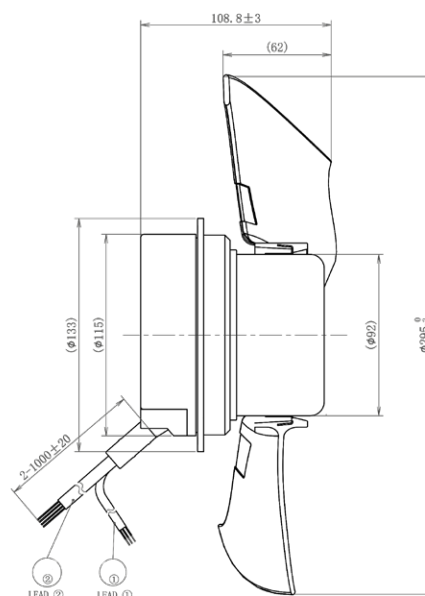
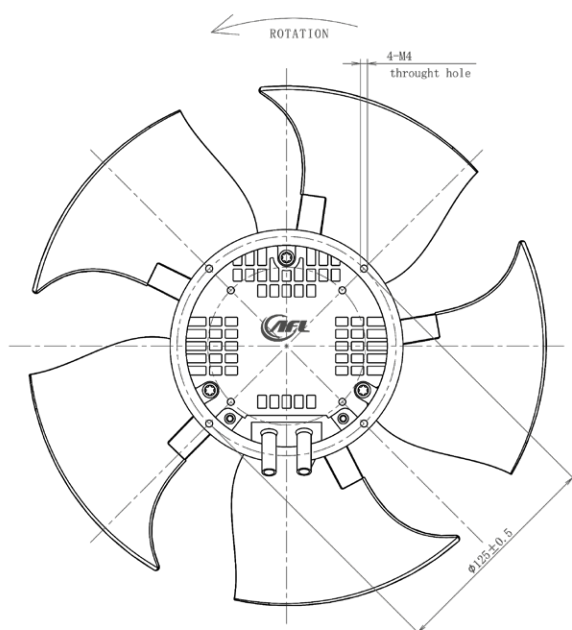


## Product drawing

Model No. A3P300-EC092-044 (suction)



Model No. A3P300-EC092-045 (blowing)



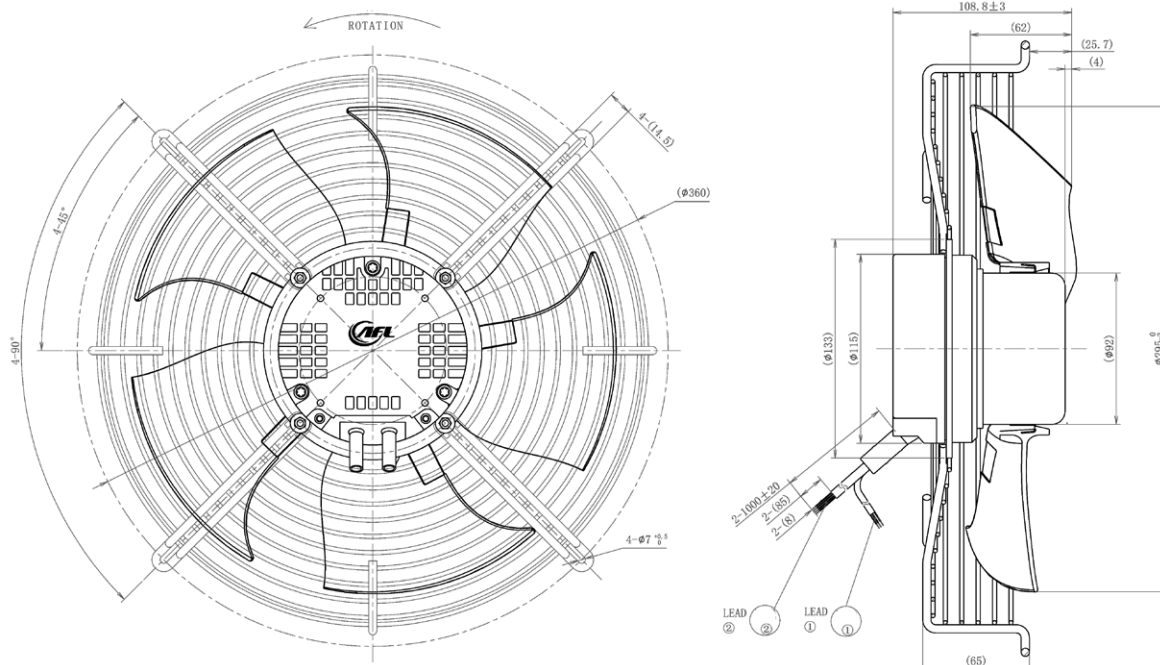
## Product drawing

With wall concave net cover grill

Model No. **A3P300-EC092-040** (suction)



Model No. **A3P300-EC092-041** (blowing)



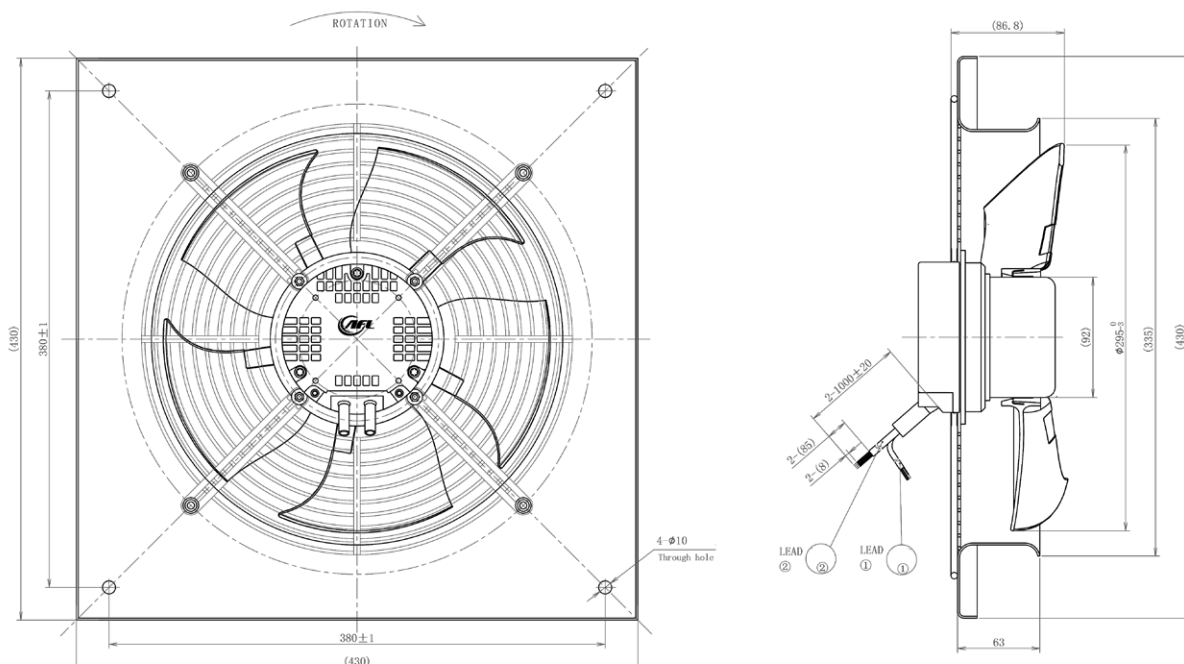
## Product drawing

With wind guide panel

Model No. **A3P300-EC092-042** (suction)



Model No. **A3P300-EC092-043** (blowing)





# Model No. A3P350-EC072-013

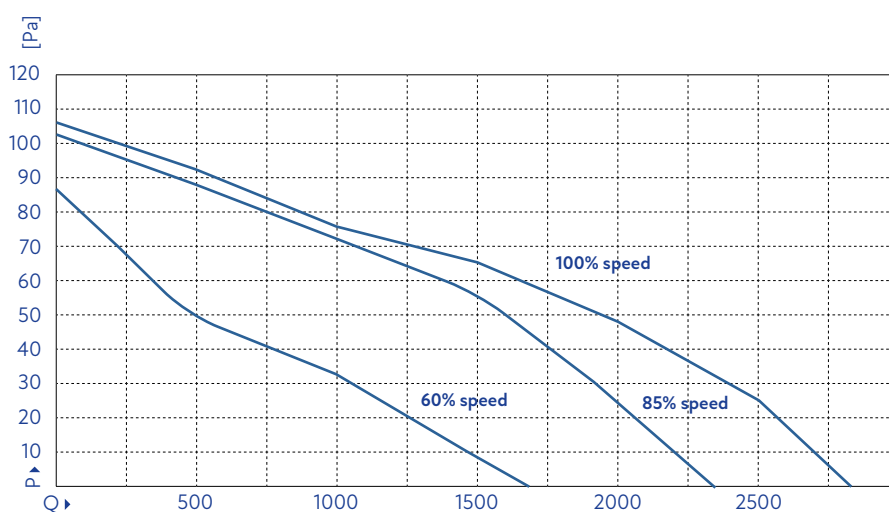
EC Axial Fan



## Technical data

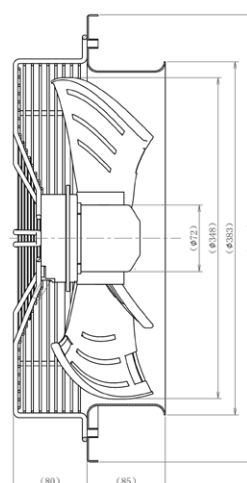
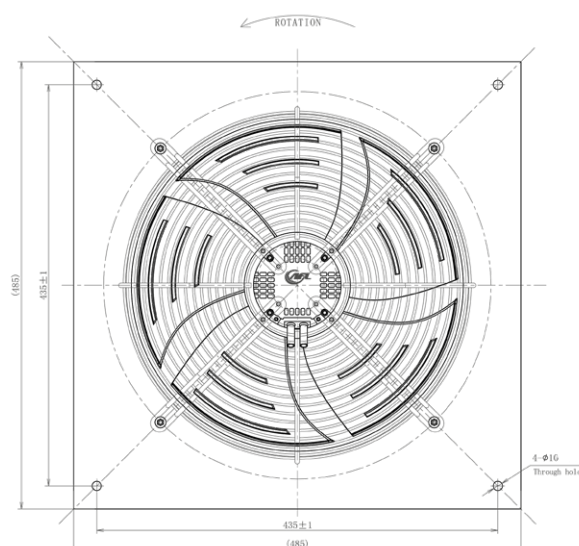
Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.65 A
Power input	90 W
Speed	1380 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	57 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing

Model No. A3P350-EC072-013 (blowing)





# Model No. A3P350-EC092-04...

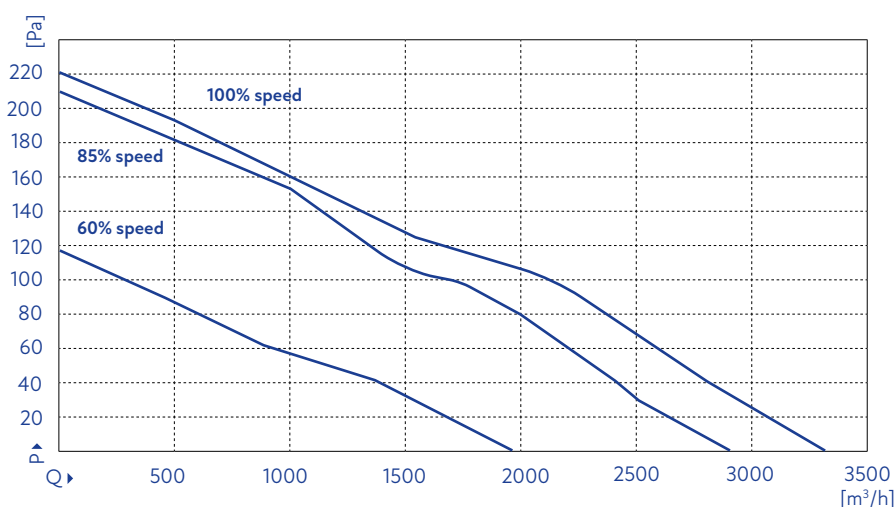
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.1 A
Power input	165 W
Speed	1550 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	67 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

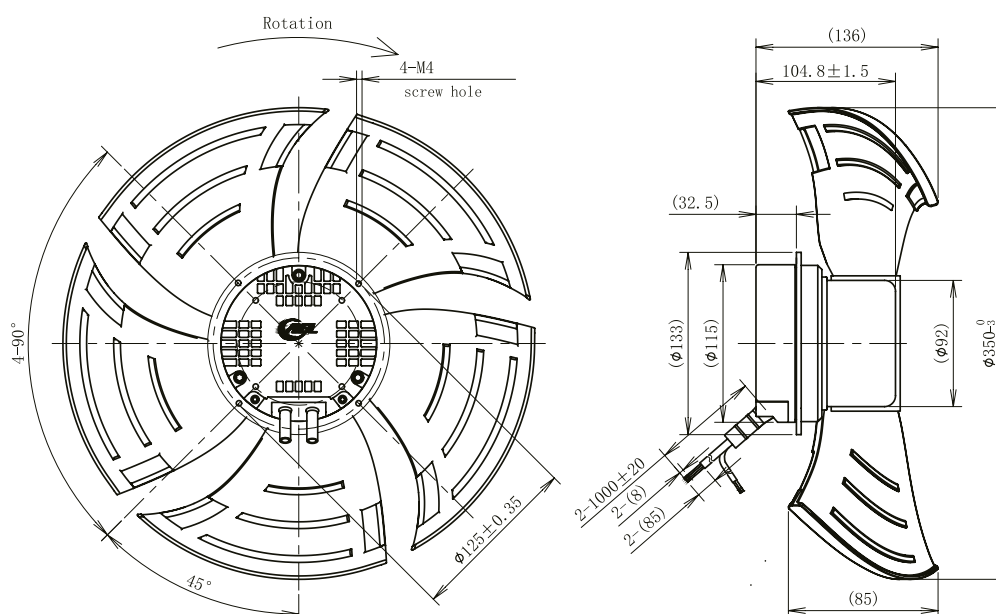


## Product drawing

Model No. A3P350-EC092-044 (suction)



Model No. A3P350-EC092-045 (blowing)



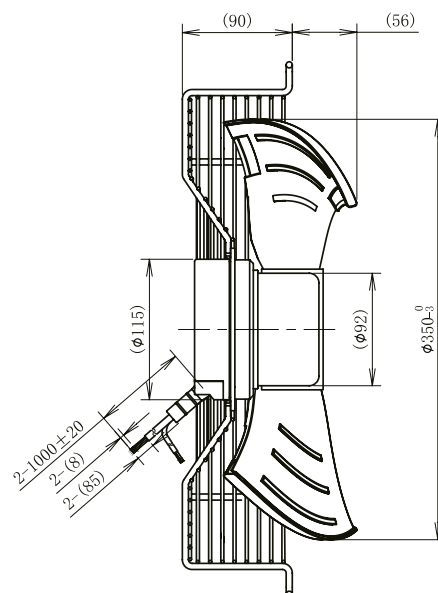
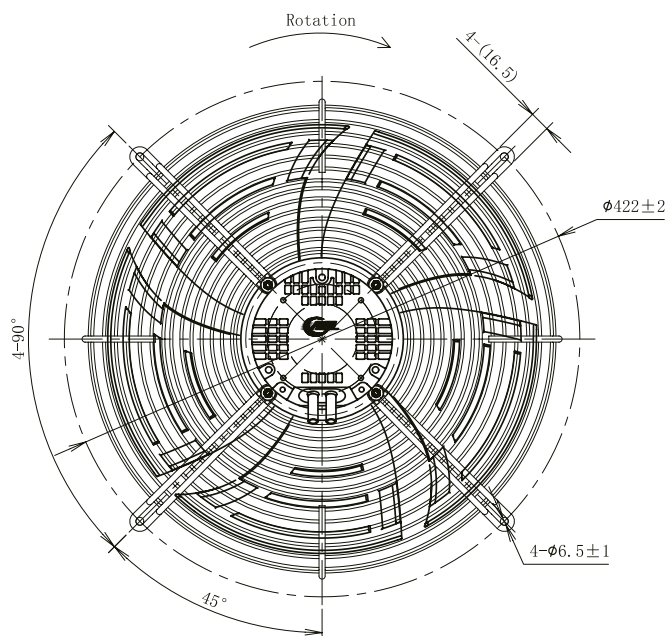
## Product drawing

With wall concave net cover grill

Model No. **A3P350-EC092-040** (suction)



Model No. **A3P350-EC092-041** (blowing)



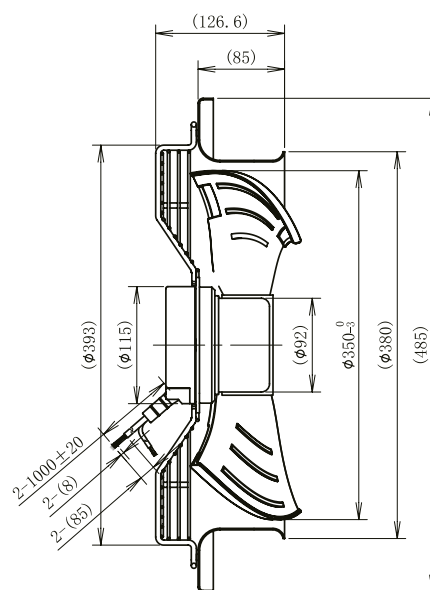
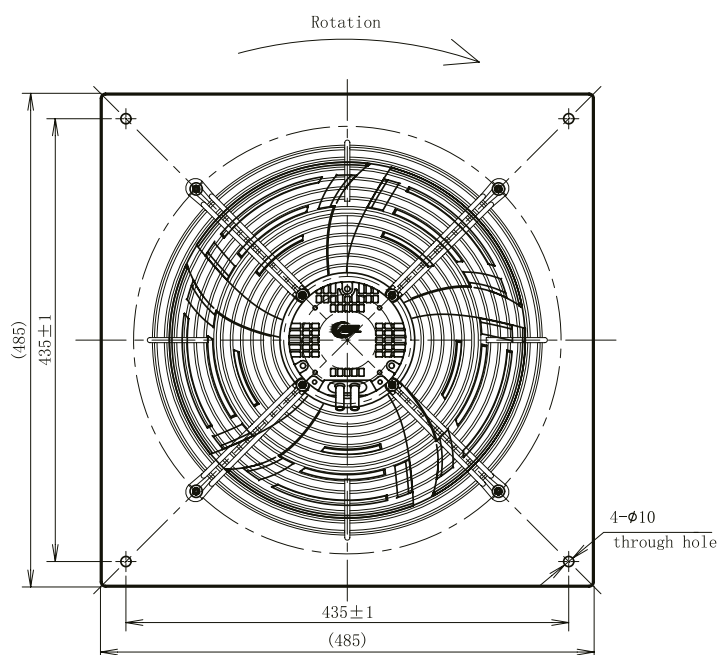
## Product drawing

With wind guide panel

Model No. **A3P350-EC092-042** (suction)



Model No. **A3P350-EC092-043** (blowing)



# Model No. A3P350-EC092-009

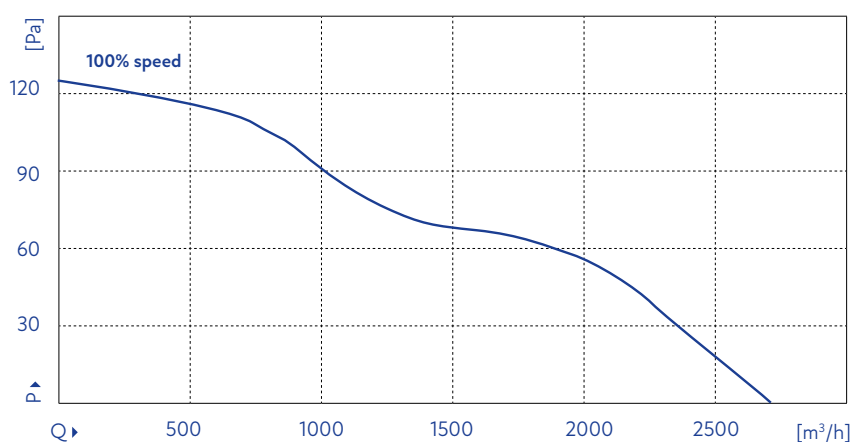
EC Axial Fan



## Technical data

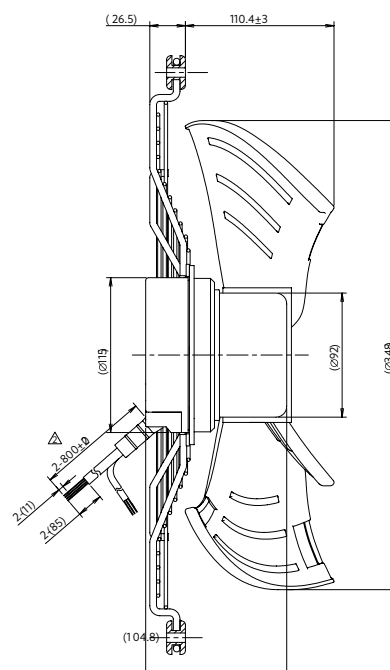
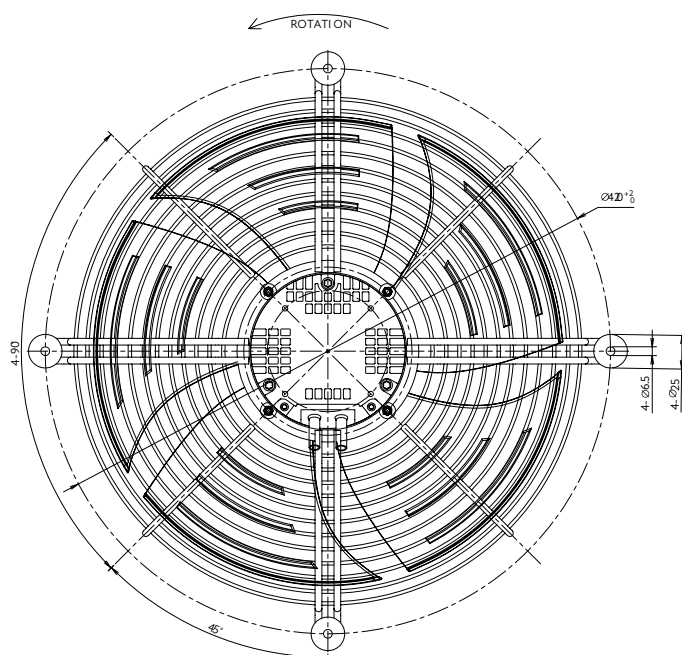
Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	90 W
Speed	1300 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	52 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance



## Product drawing

Model No. A3P350-EC092-009 (blowing)



# Model No. A3P400-EC102-.....

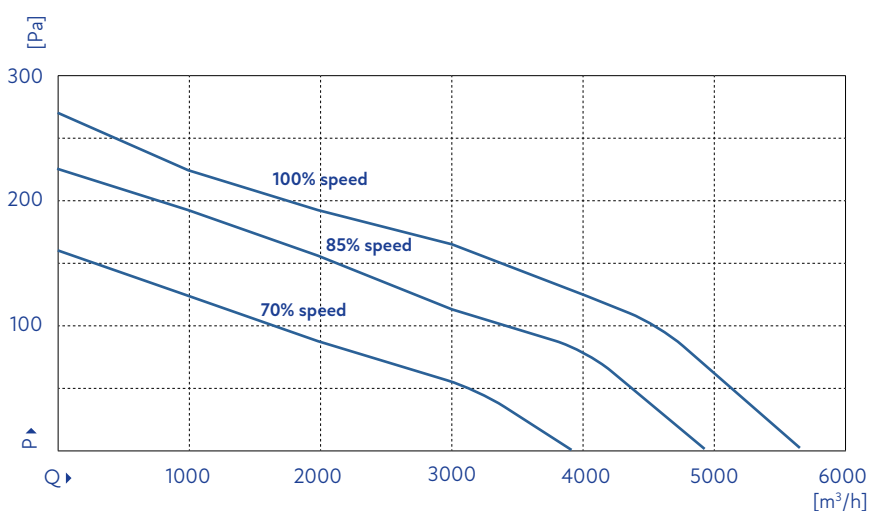
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.9 A
Power input	400 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

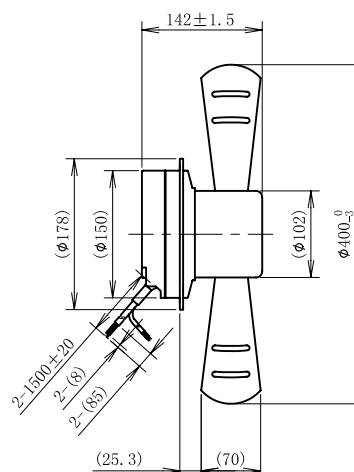
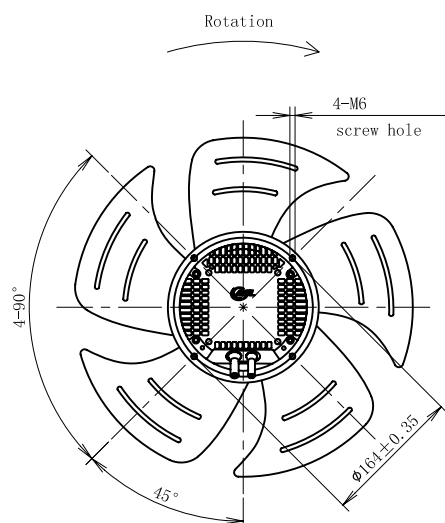


## Product drawing

Model No. A3P400-EC102-004 (suction)



Model No. A3P400-EC102-005 (blowing)



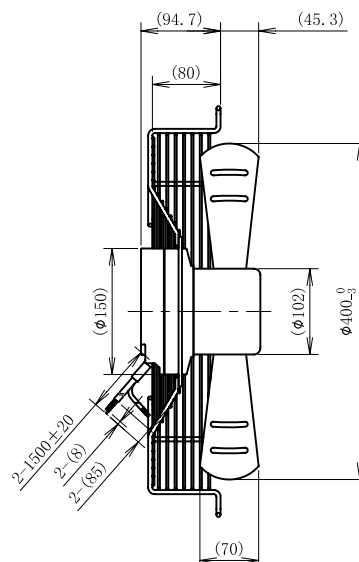
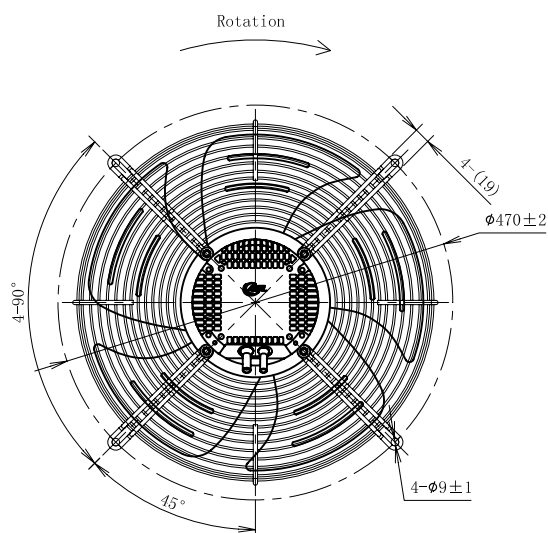
## Product drawing

With wall concave net cover grill

Model No. **A3P400-EC102-100** (suction)



Model No. **A3P400-EC102-001** (blowing)



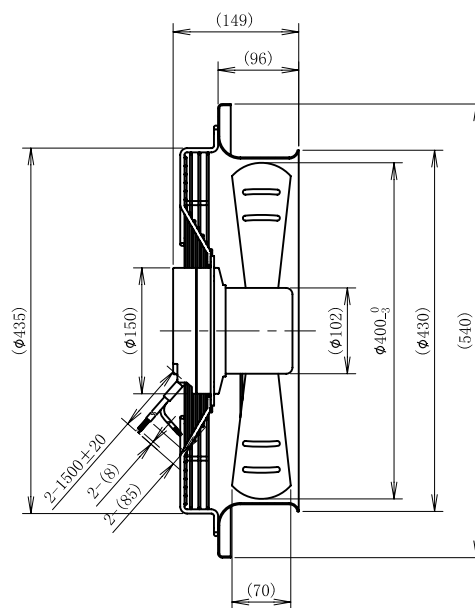
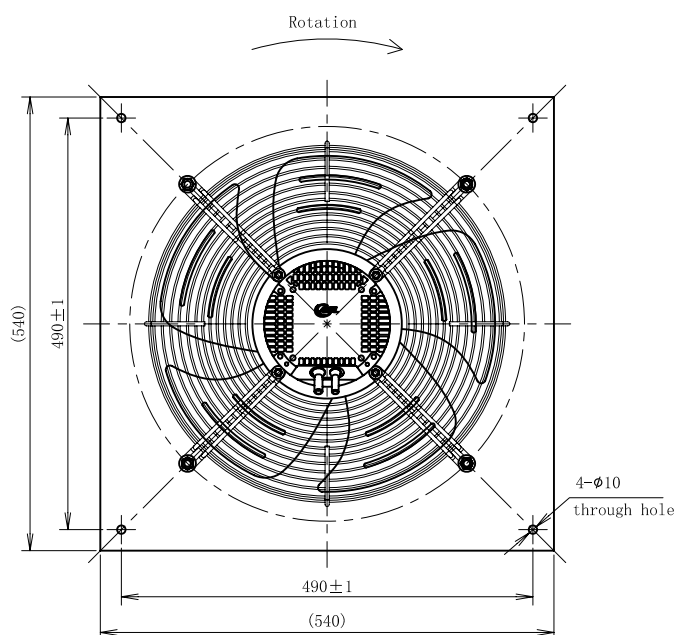
## Product drawing

With wind guide panel

Model No. **A3P400-EC102-002** (suction)

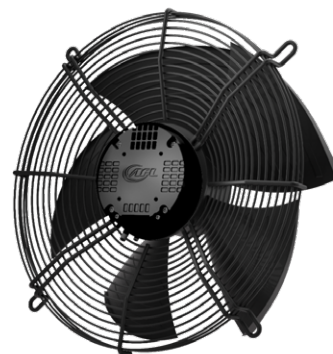


Model No. **A3P400-EC102-003** (blowing)



# Model No. A3P450-EC092-.....

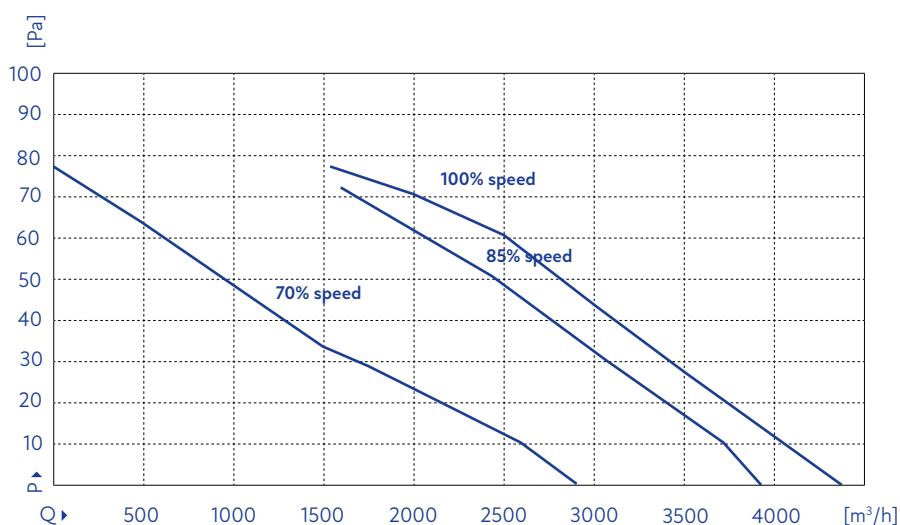
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.72 A
Power input	100 W
Speed	1080 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	52 dB
Degree of protection	IP54
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

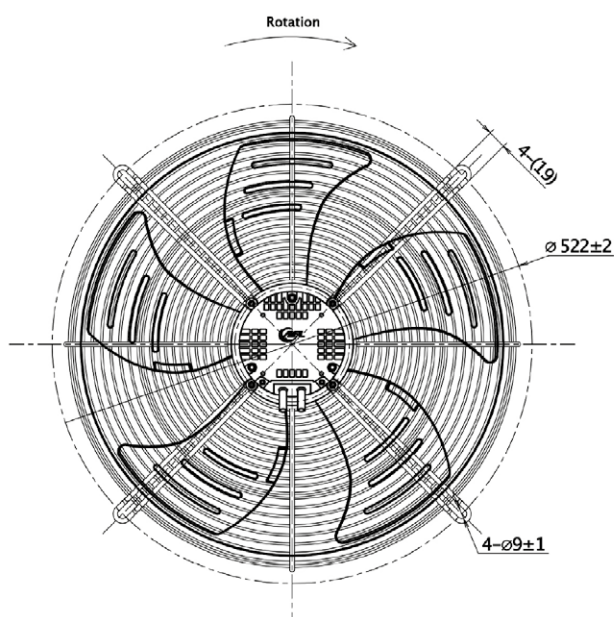
## Air performance



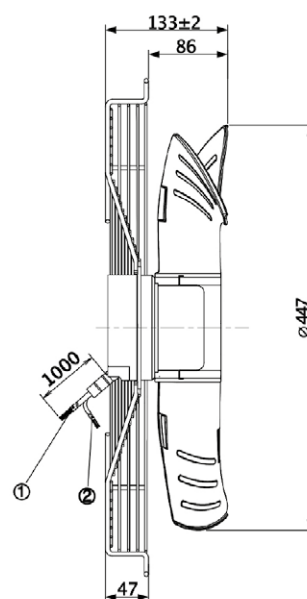
## Product drawing

With wall concave net cover grill

Model No. A3P450-EC092-001 (suction)



Model No. A3P450-EC092-003 (blowing)

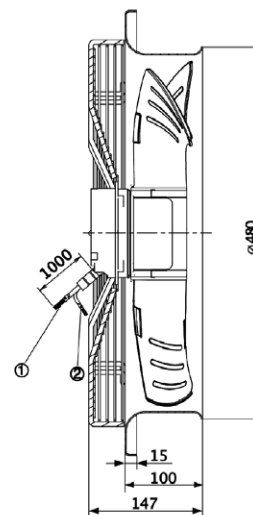
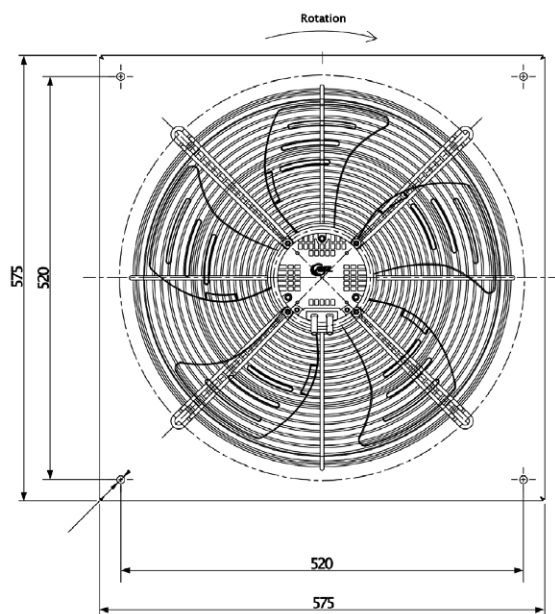




## ■ Product drawing

With wind guide panel

Model No. **A3P450-EC092-002** (suction)





# Model No. A3P450-EC102-.....

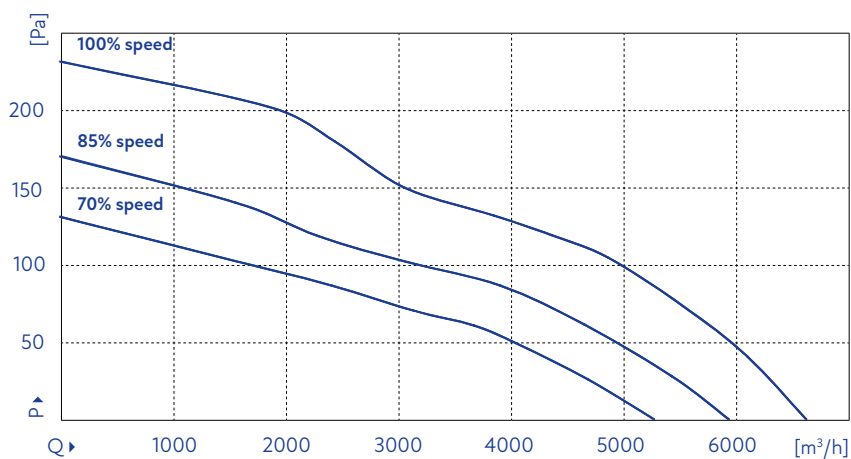
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	2.0 A
Power input	420 W
Speed	1590 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

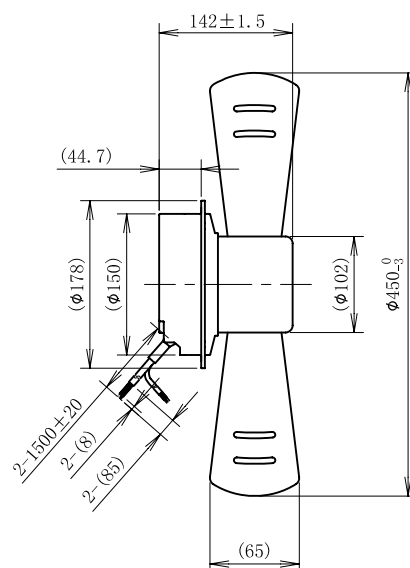
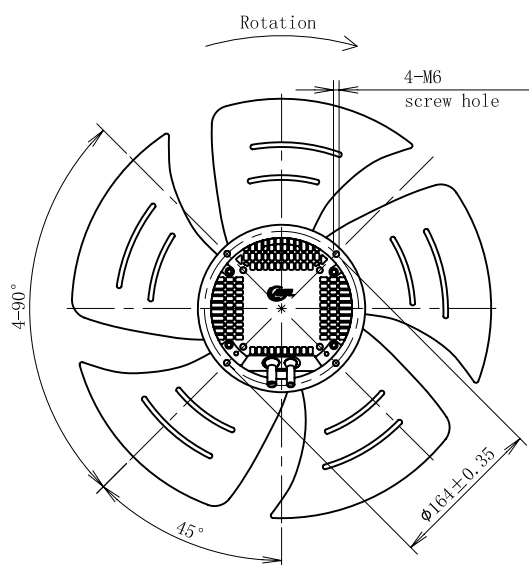


## Product drawing

Model No. A3P450-EC102-004 (suction)



Model No. A3P450-EC102-005 (blowing)



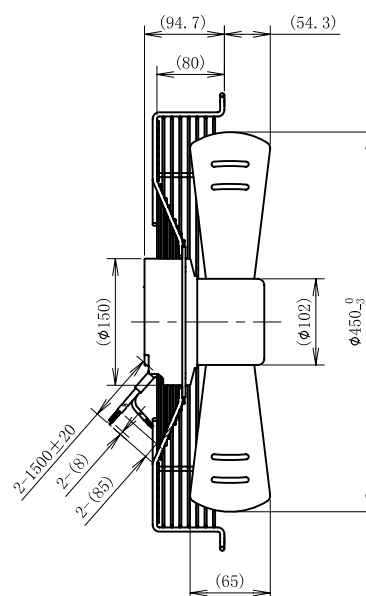
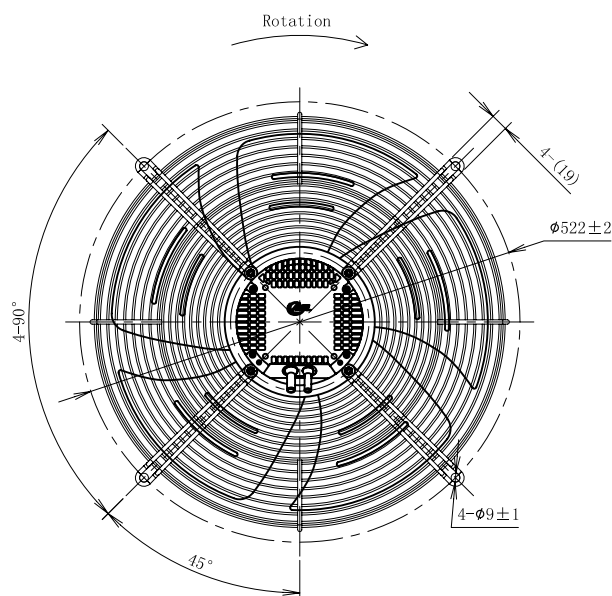
## Product drawing

With wall concave net cover grill

Model No. **A3P450-EC102-100** (suction)



Model No. **A3P450-EC102-001** (blowing)



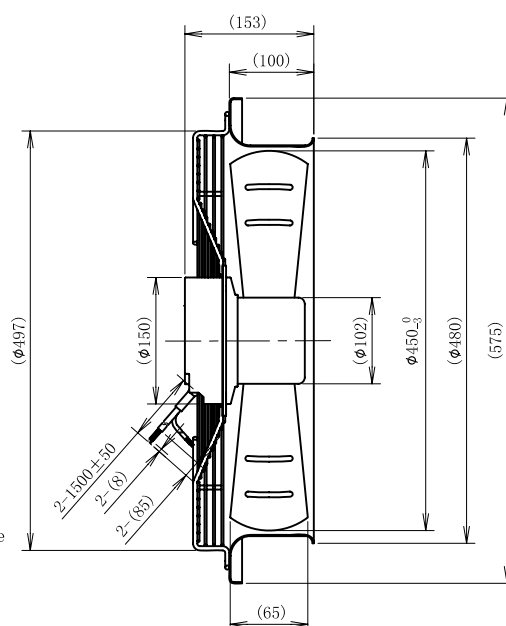
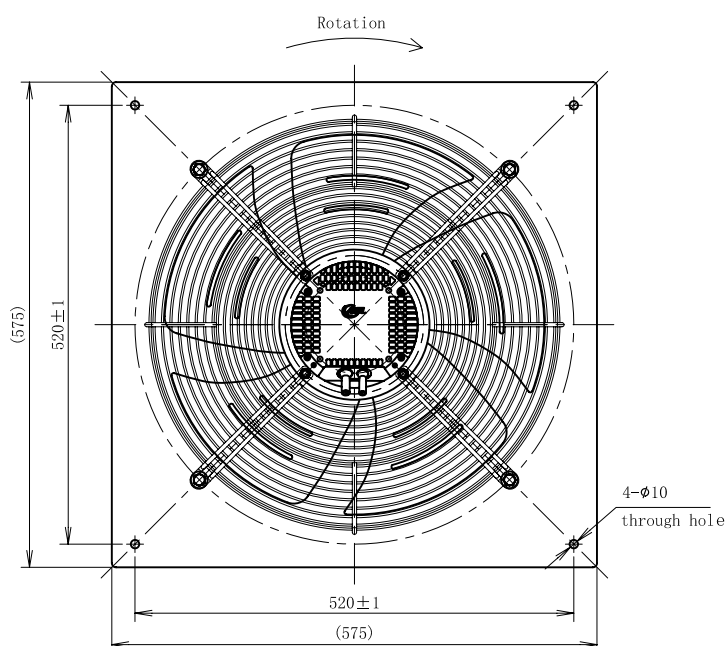
## Product drawing

With wind guide panel

Model No. **A3P450-EC102-002** (suction)



Model No. **A3P450-EC102-003** (blowing)



# Model No. A3P450-EC102-016

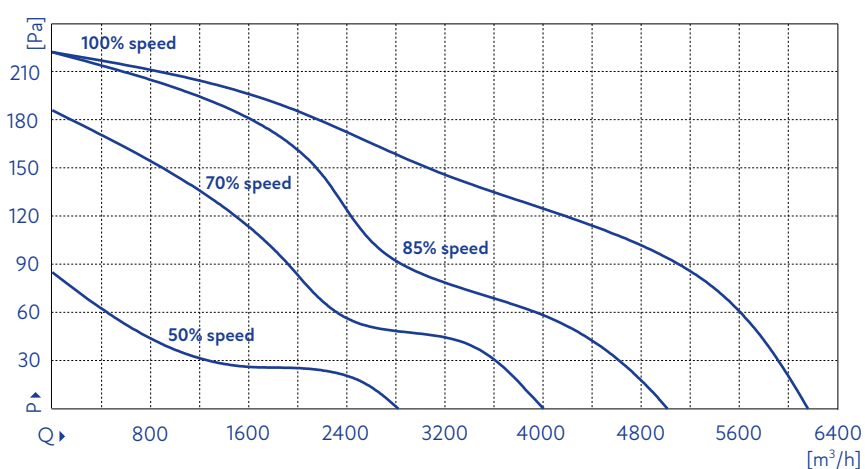
EC Axial Fan



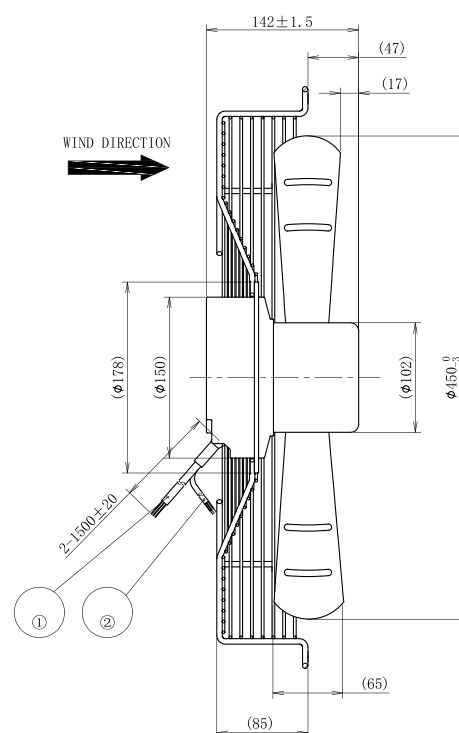
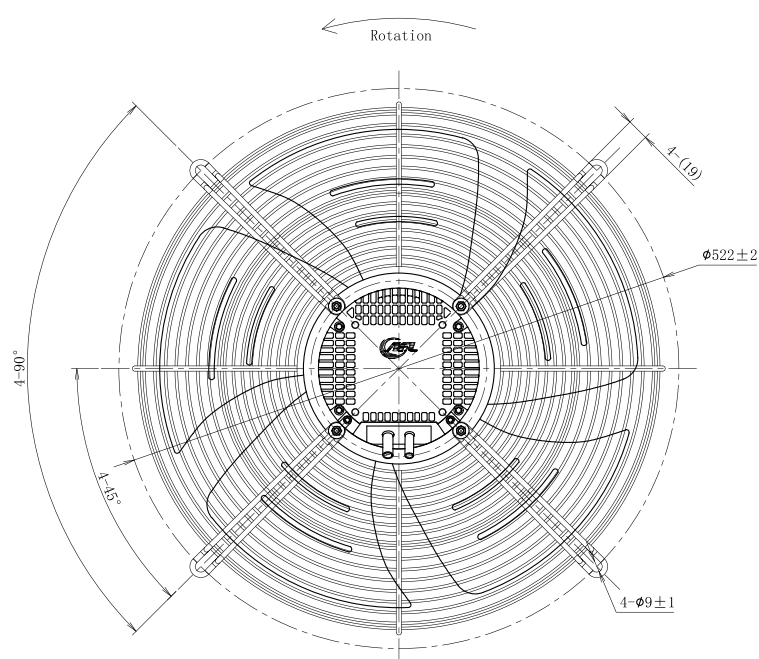
## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	2.15 A
Power input	445 W
Speed	1600 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

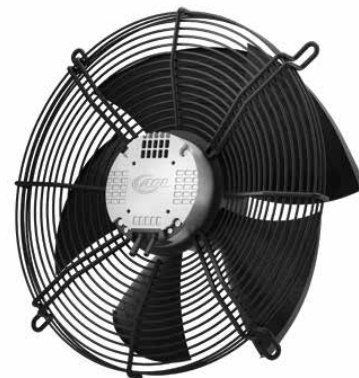


## Product drawing



# Model No. A3P450-EC102-04....

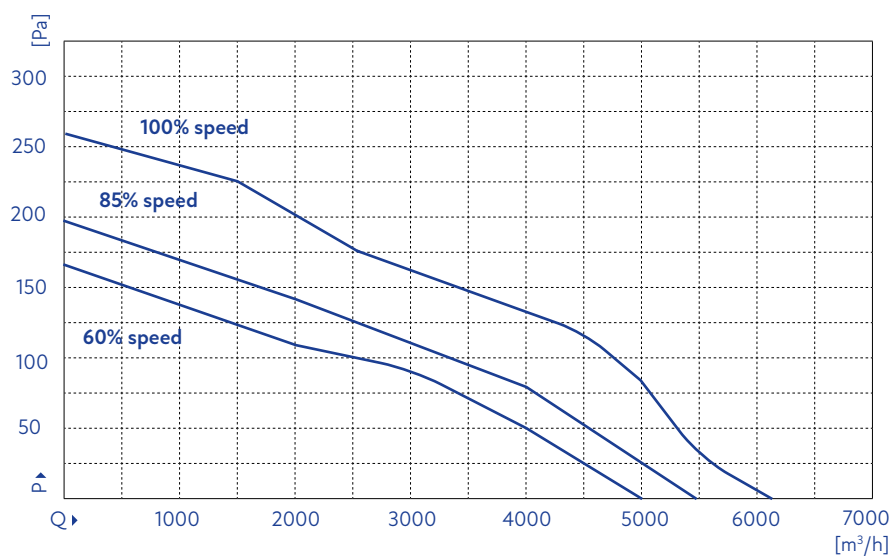
EC Axial Fan



## Technical data

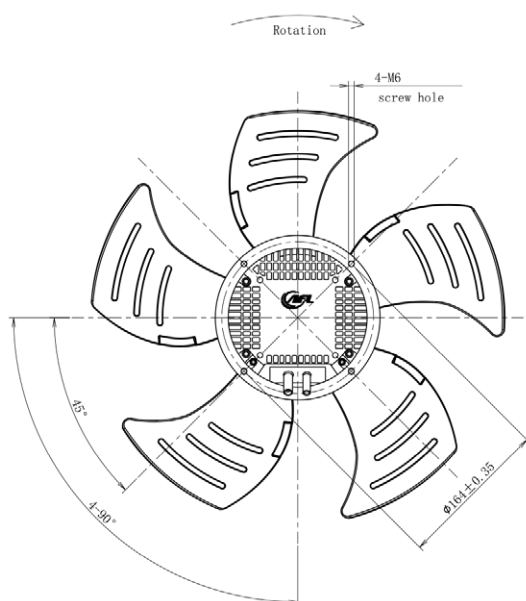
Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.8 A
Power input	400 W
Speed	1700 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	70 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

## Air performance

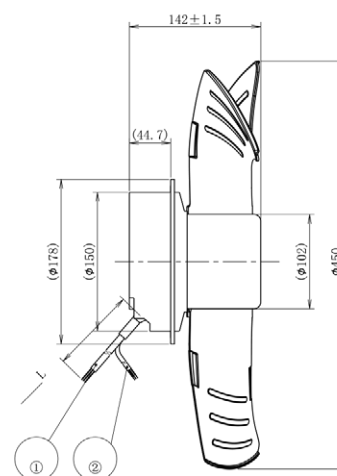


## Product drawing

Model No. A3P450-EC102-044 (suction)



Model No. A3P450-EC102-045 (blowing)



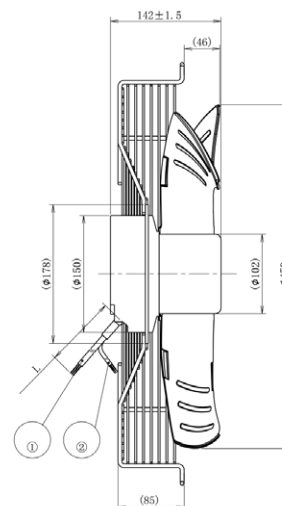
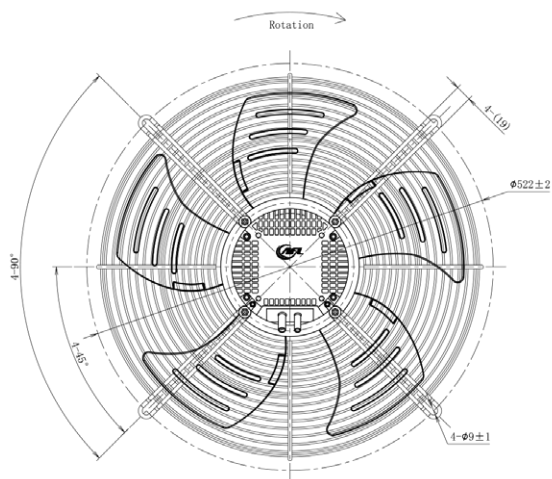
## Product drawing

With wall concave net cover grill

Model No. **A3P450-EC102-040** (suction)



Model No. **A3P450-EC102-041** (blowing)



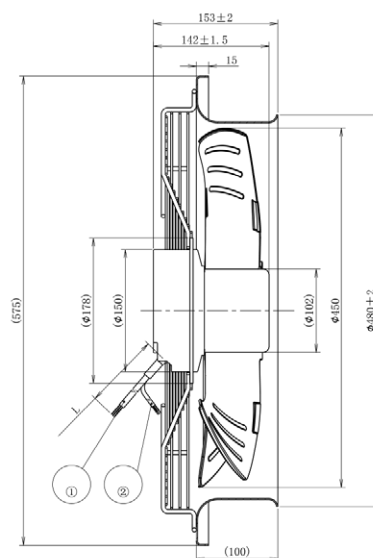
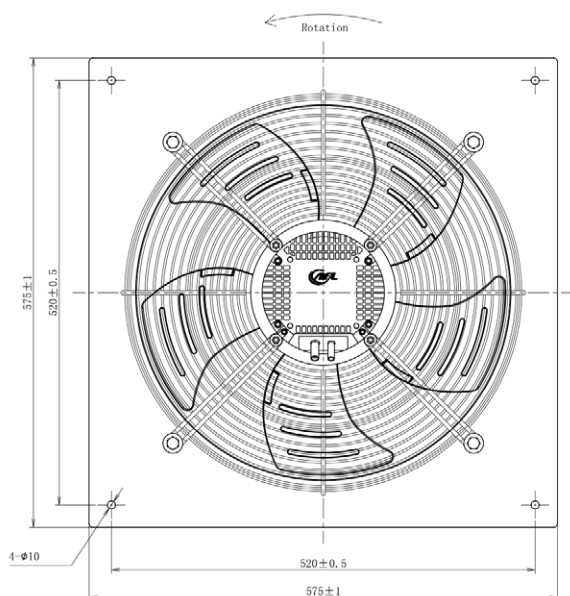
## Product drawing

With wind guide panel

Model No. **A3P450-EC102-042** (suction)

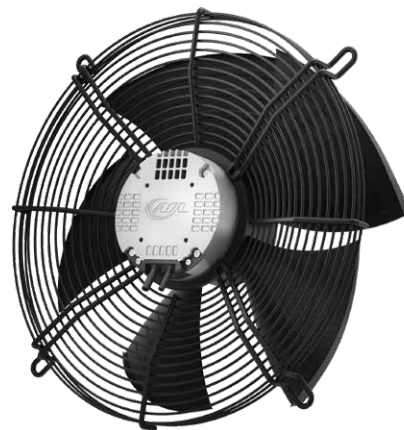


Model No. **A3P450-EC102-043** (blowing)



# Model No. A3P450-EC102-047

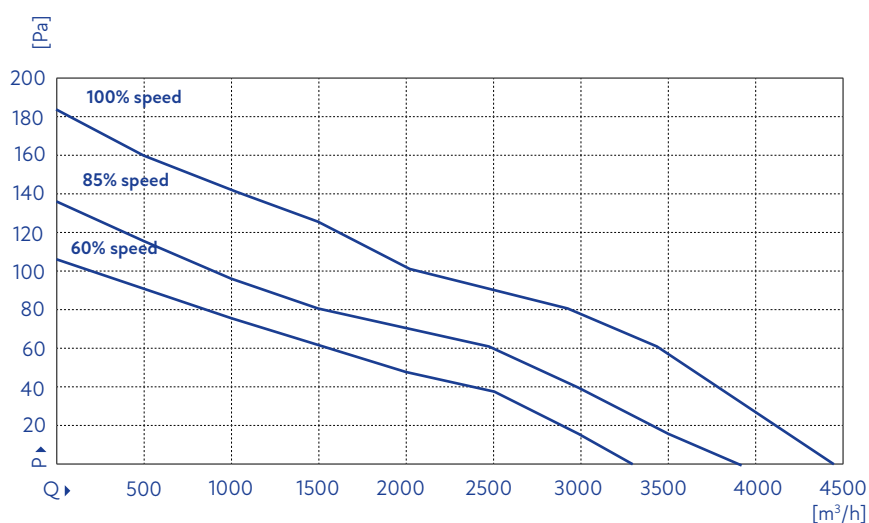
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	0.6 A
Power input	130 W
Speed	1200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	59 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

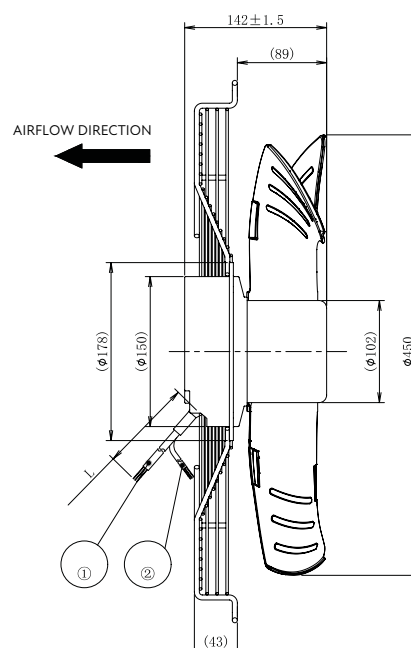
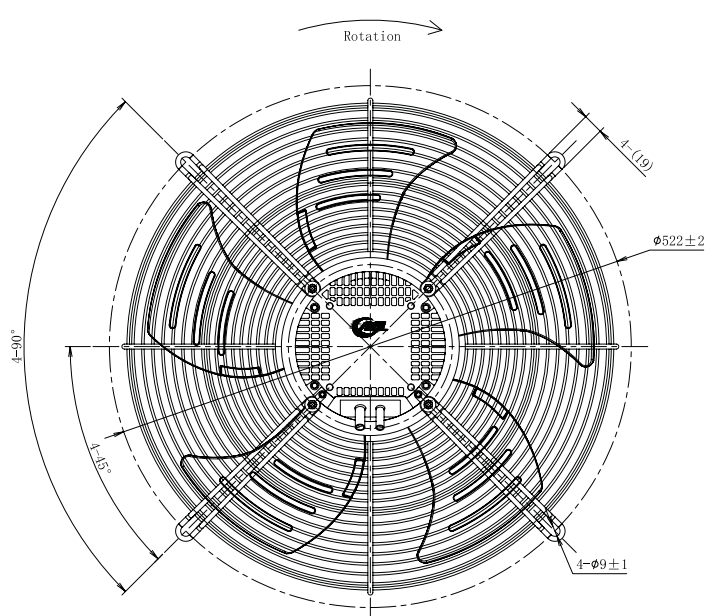
## Air performance



## Product drawing

With wall concave net cover grill

Model No. **A3P450-EC102-047** (suction)





# Model No. A3P450-EC137-008

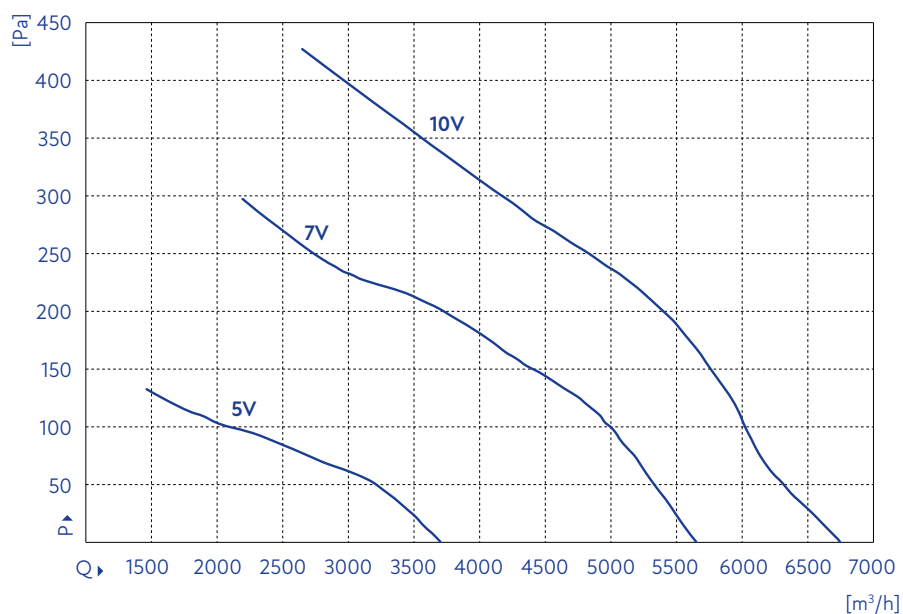
EC Axial Fan



## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.3 A
Power input	725 W
Speed	2200 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	75 dB
Degree of protection	IP54
Working temperature	-30 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

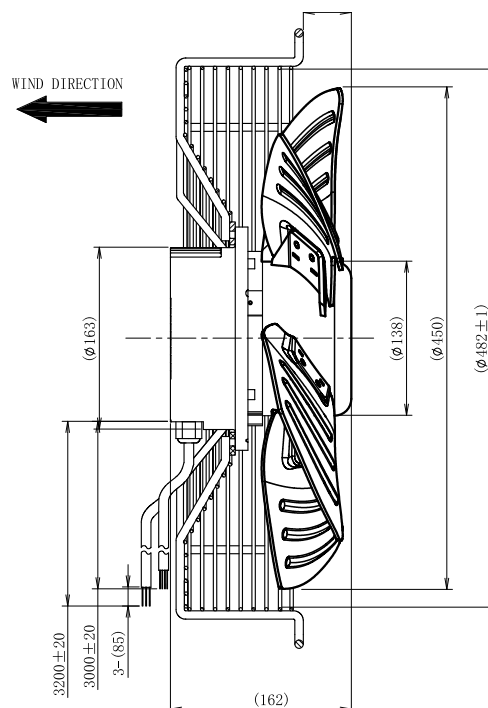
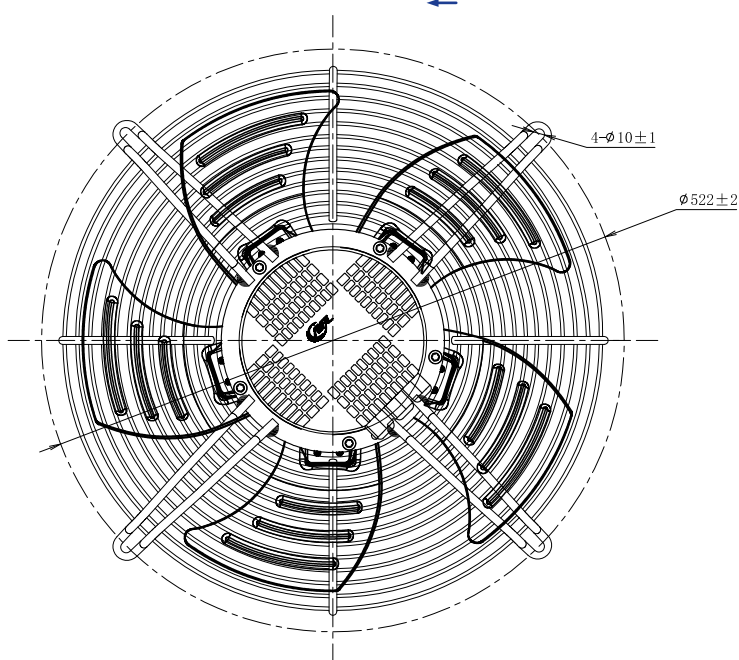
## Air performance



## Product drawing

With wall concave net cover grill

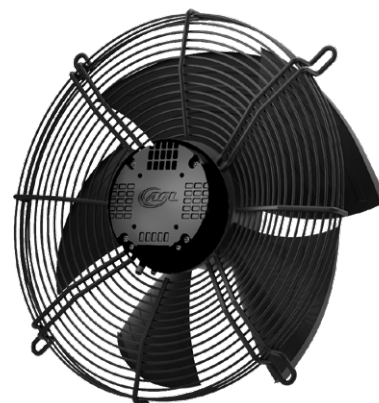
Model No. A3P450-EC137-008 (suction)





# Model No. A3P500-EC102-100

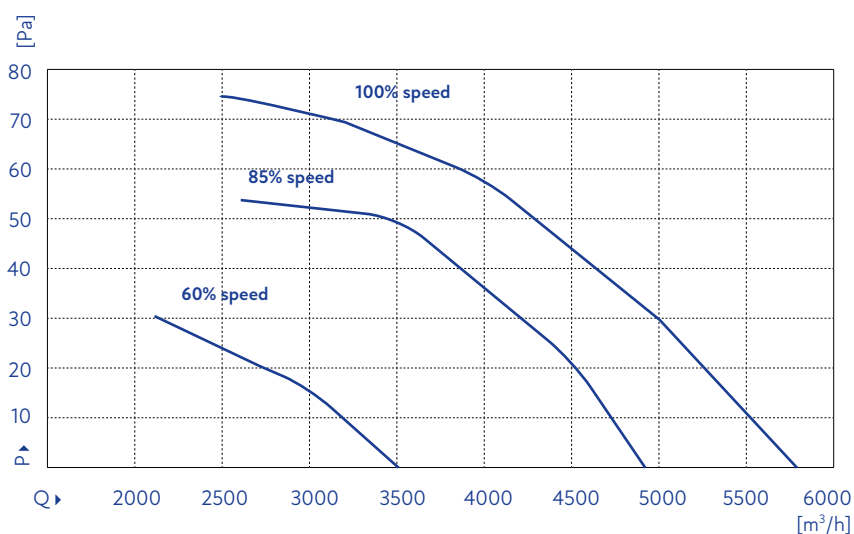
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	1.4 A
Power input	200 W
Speed	900 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	56 dB
Degree of protection	IP54
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	PA66

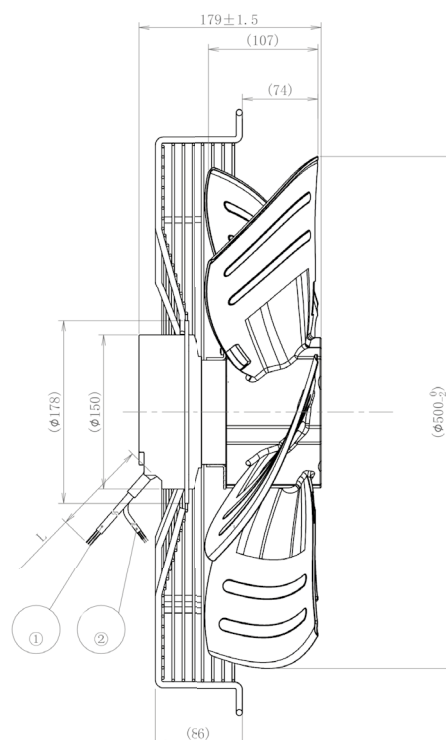
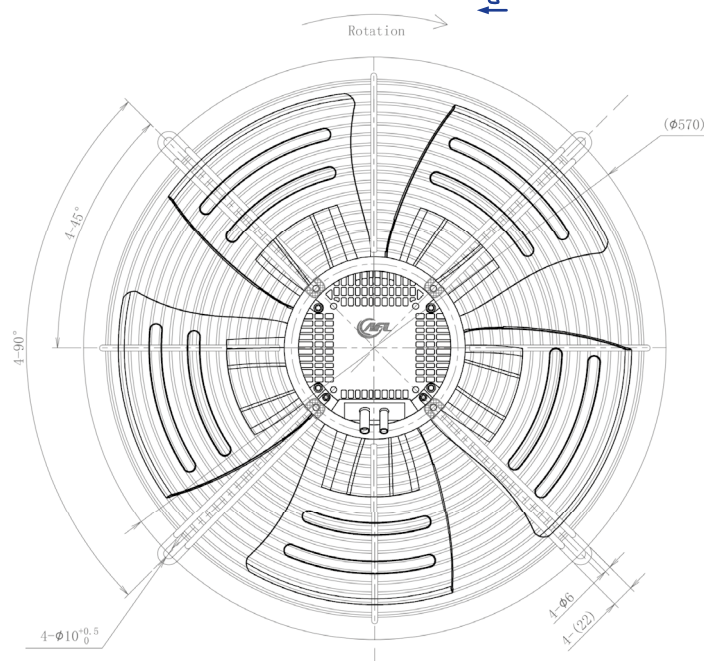
## Air performance



## Product drawing

With wall concave net cover grill

Model No. **A3P500-EC102-100** (suction)



# Model No. A3P500-EC137-.....

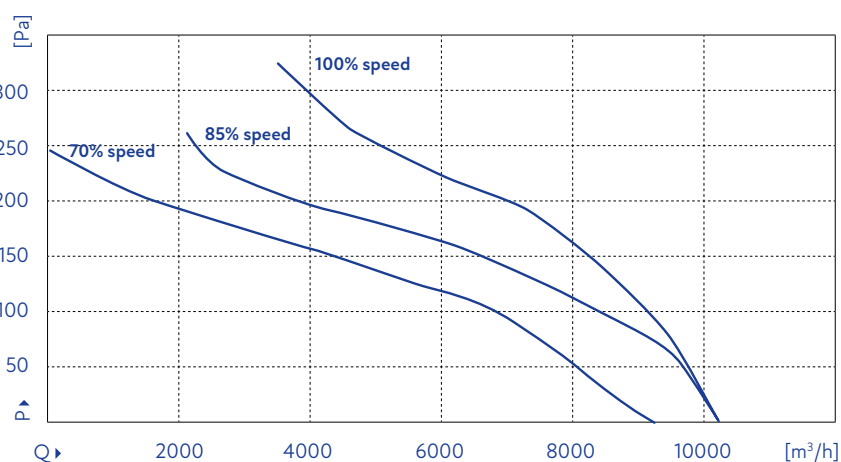
EC Axial Fan



## Technical data

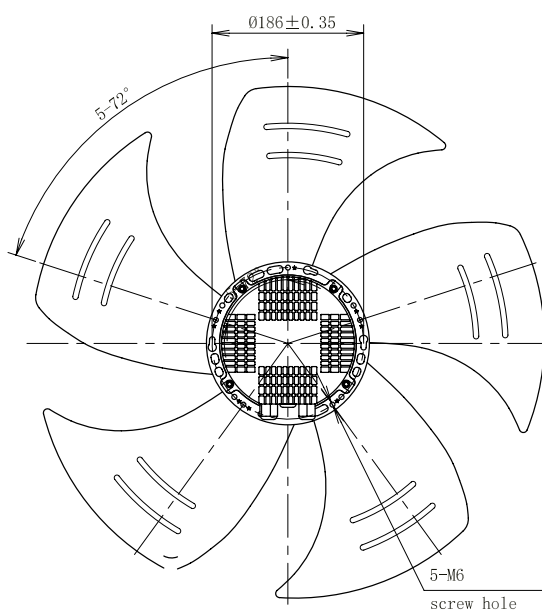
Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.5 A
Power input	850 W
Speed	1690 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	78 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet steel

## Air performance

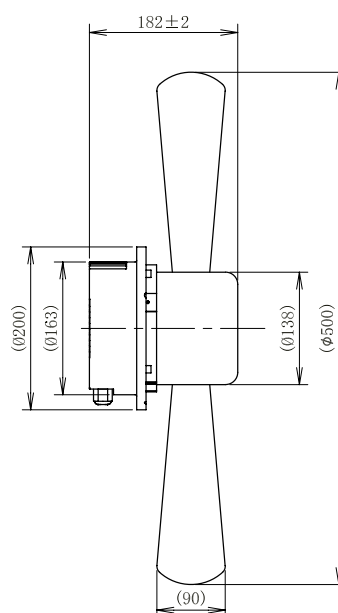


## Product drawing

Model No. A3P500-EC137-004 (suction)



Model No. A3P500-EC137-005 (blowing)



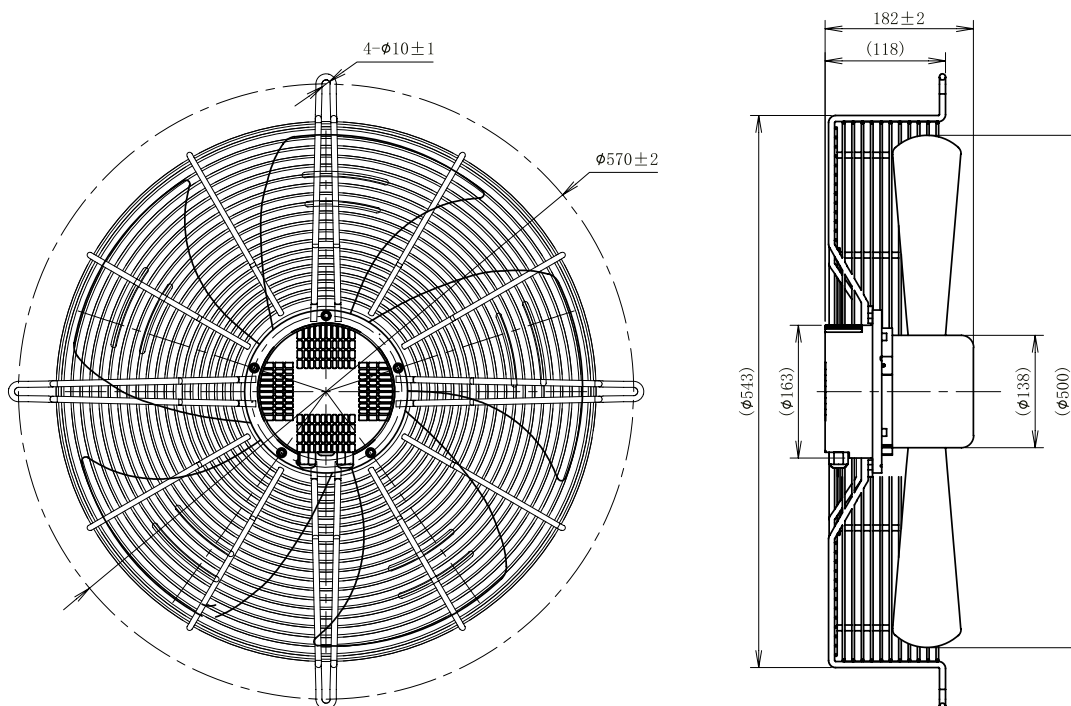
## Product drawing

With wall concave net cover grill

Model No. **A3P500-EC137-100** (suction)



Model No. **A3P500-EC137-001** (blowing)



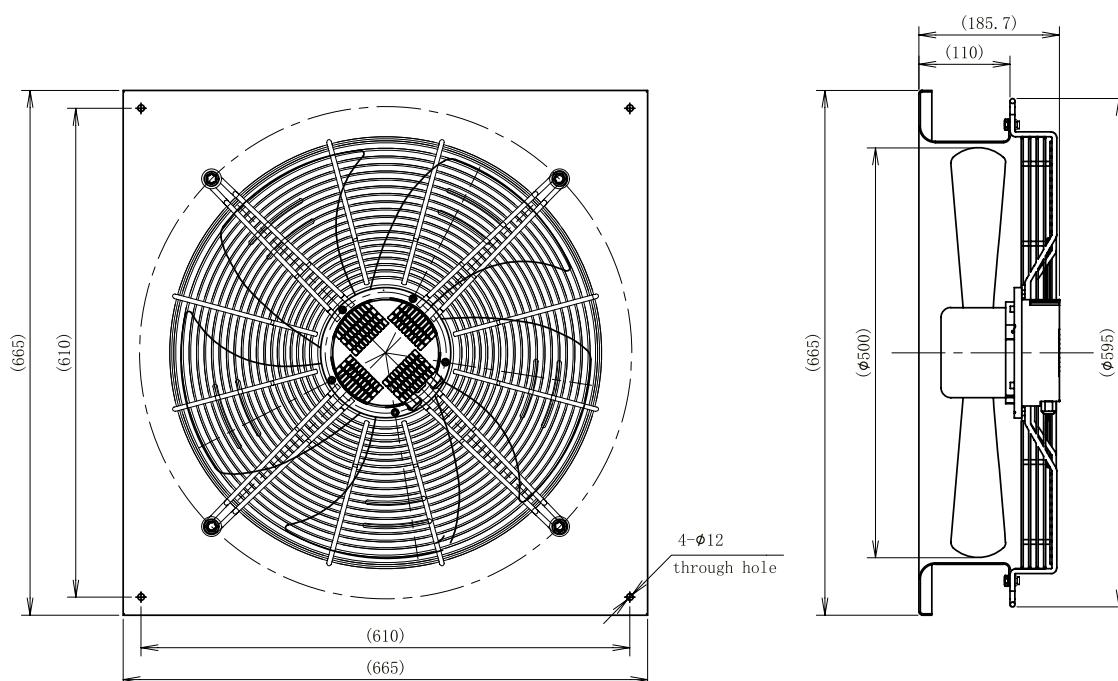
## Product drawing

With wind guide panel

Model No. **A3P500-EC137-002** (suction)



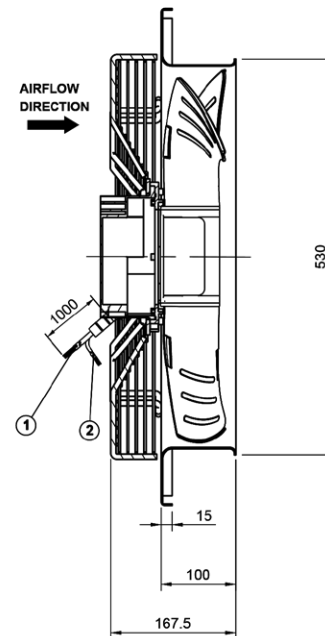
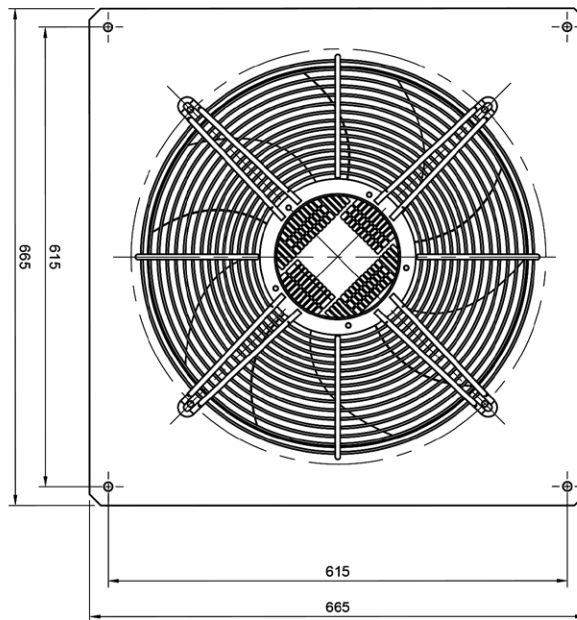
Model No. **A3P500-EC137-003** (blowing)



## ■ Product drawing

With wind guide panel

Model No. **A3P500-EC137-017** (blowing)



# Model No. A3P500-EC137-2...

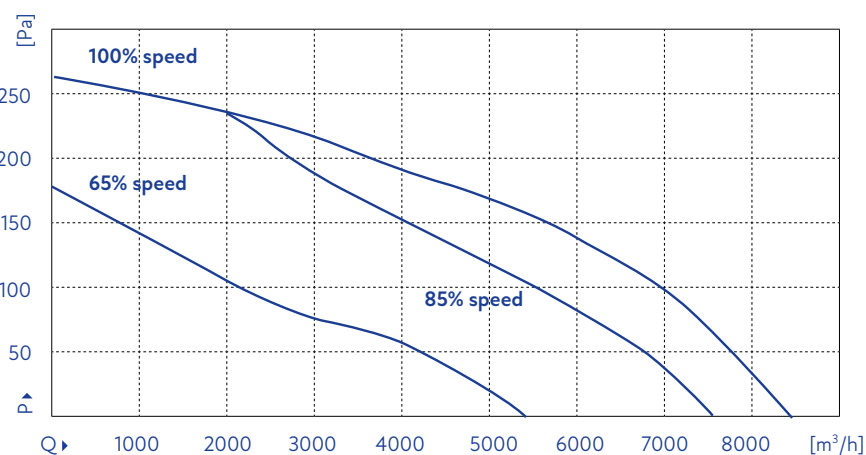
EC Axial Fan



## Technical data

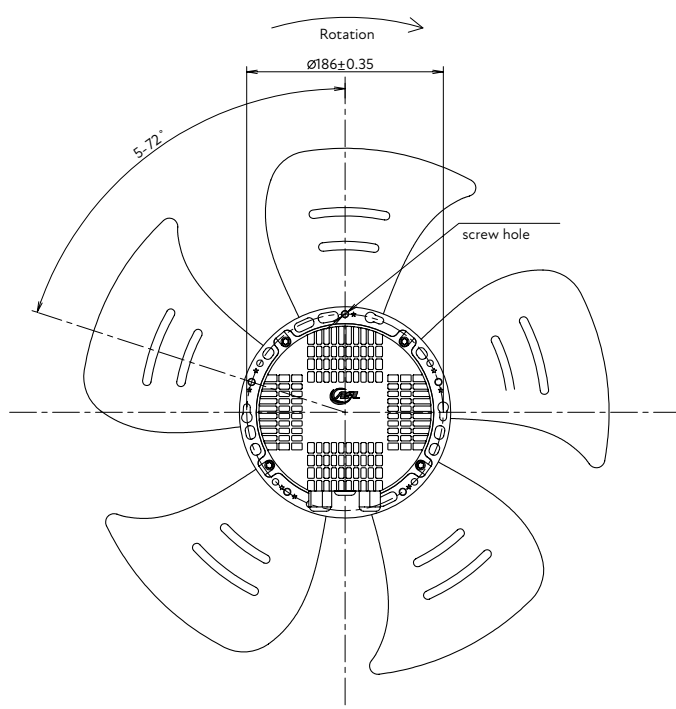
Supply	230 VAC
Frequency	50/60 Hz
Current draw	2.9 A
Power input	600 W
Speed	1450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

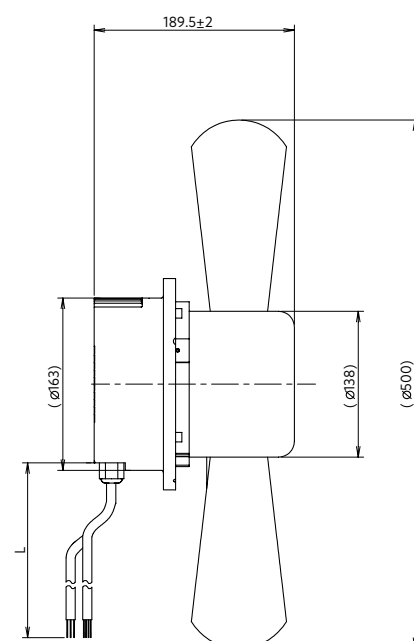


## Product drawing

Model No. A3P500-EC137-204 (suction)



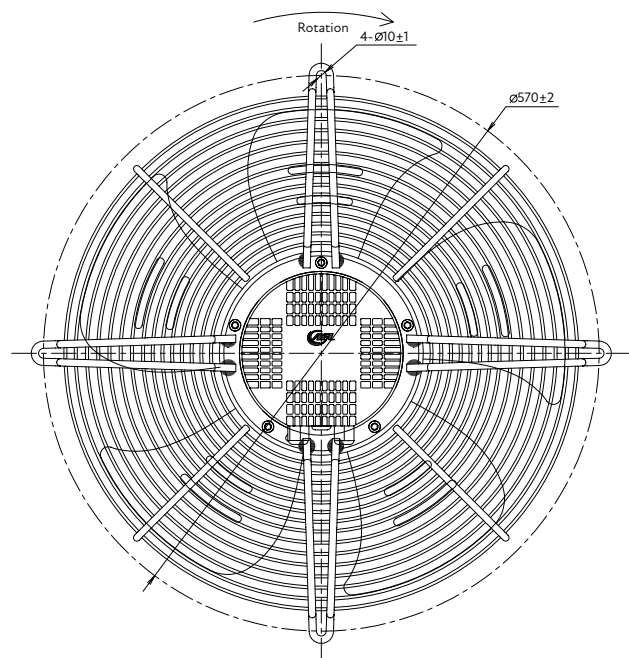
Model No. A3P500-EC137-205 (blowing)



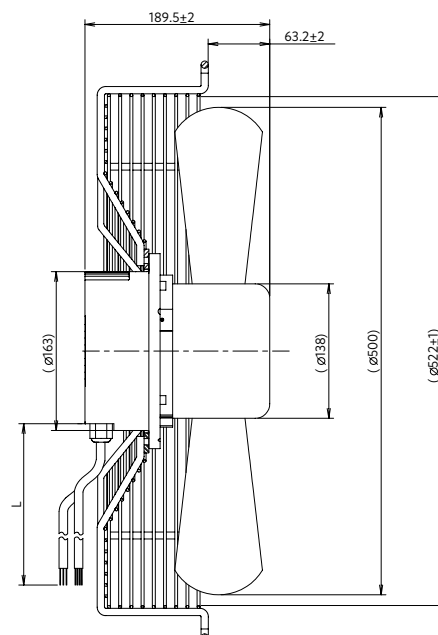
## Product drawing

With wall concave net cover grill

Model No. **A3P500-EC137-200** (suction)



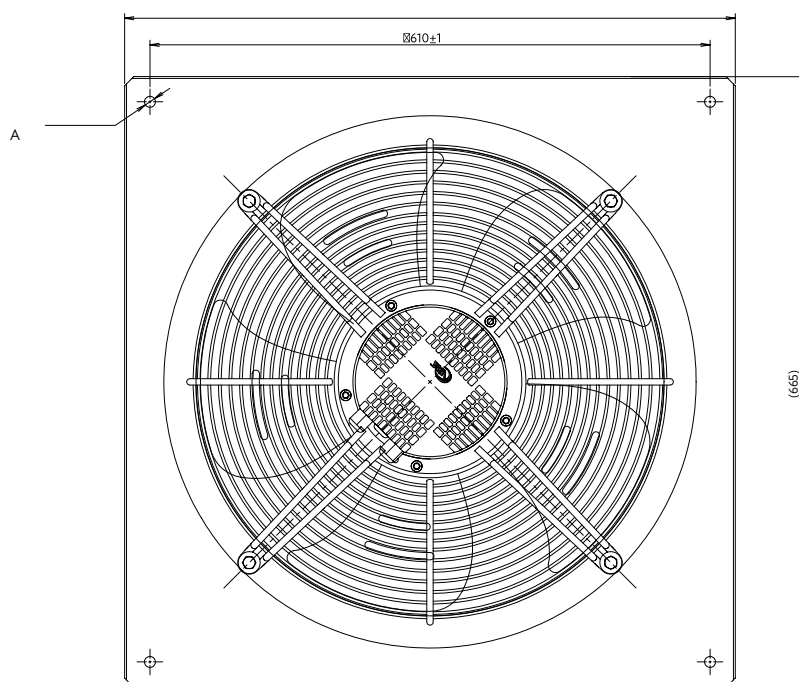
Model No. **A3P500-EC137-201** (blowing)



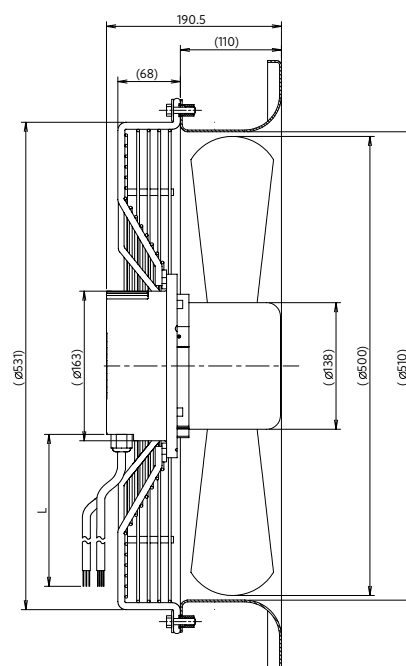
## Product drawing

With wind guide panel

Model No. **A3P500-EC137-202** (suction)



Model No. **A3P500-EC137-203** (blowing)





# Model No. A3P500-EC137-9...

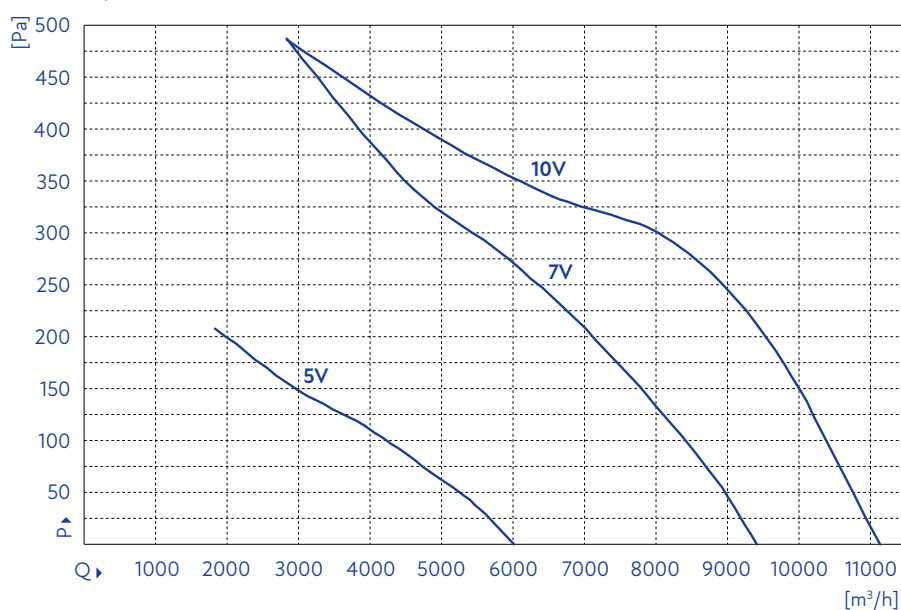
EC Axial Fan



## Technical data

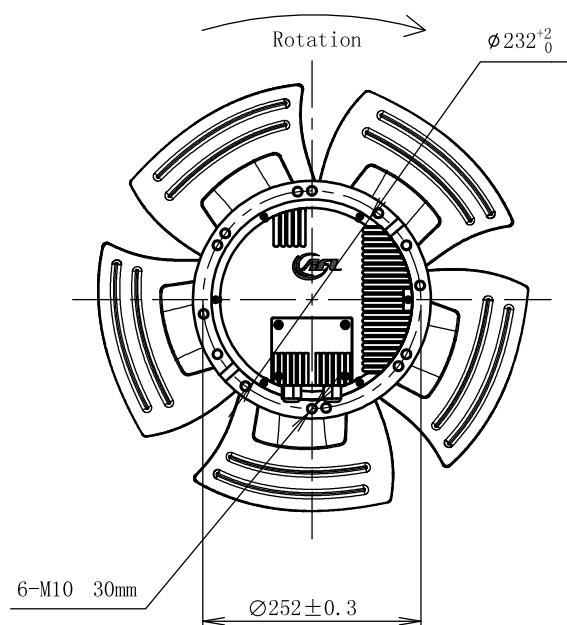
Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.8 A
Power input	1650 W
Speed	2050 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	79 dB
Degree of protection	IP54
Working temperature	-20 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

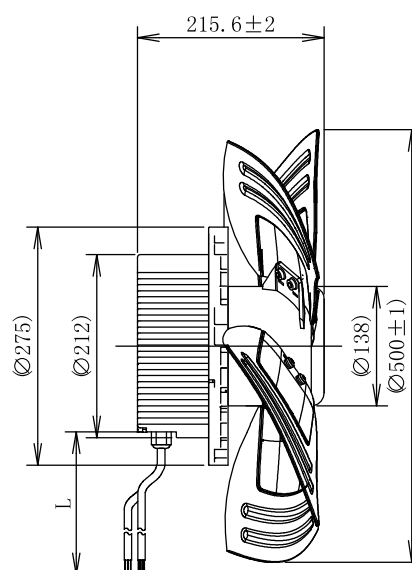


## Product drawing

Model No. A3P500-EC137-914 (suction)



Model No. A3P500-EC137-915 (blowing)





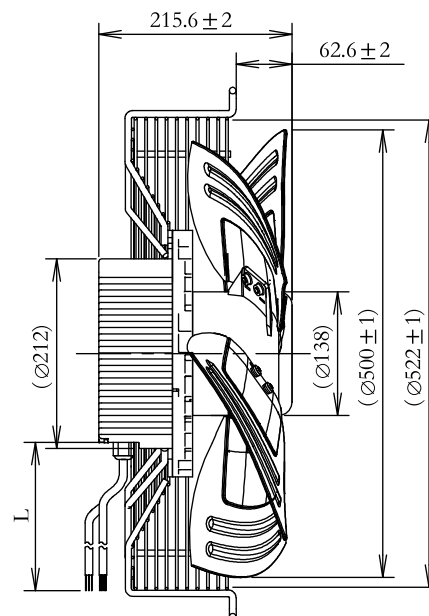
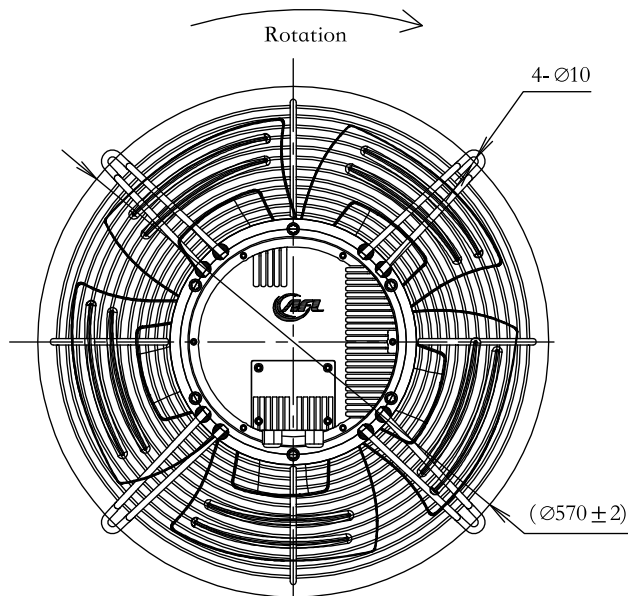
## Product drawing

With wall concave net cover grill

Model No. **A3P500-EC137-910** (suction)



Model No. **A3P500-EC137-911** (blowing)



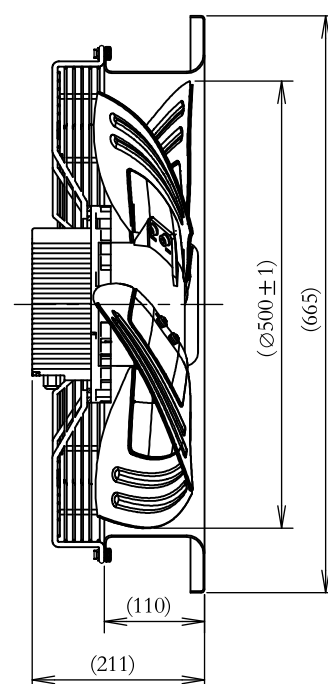
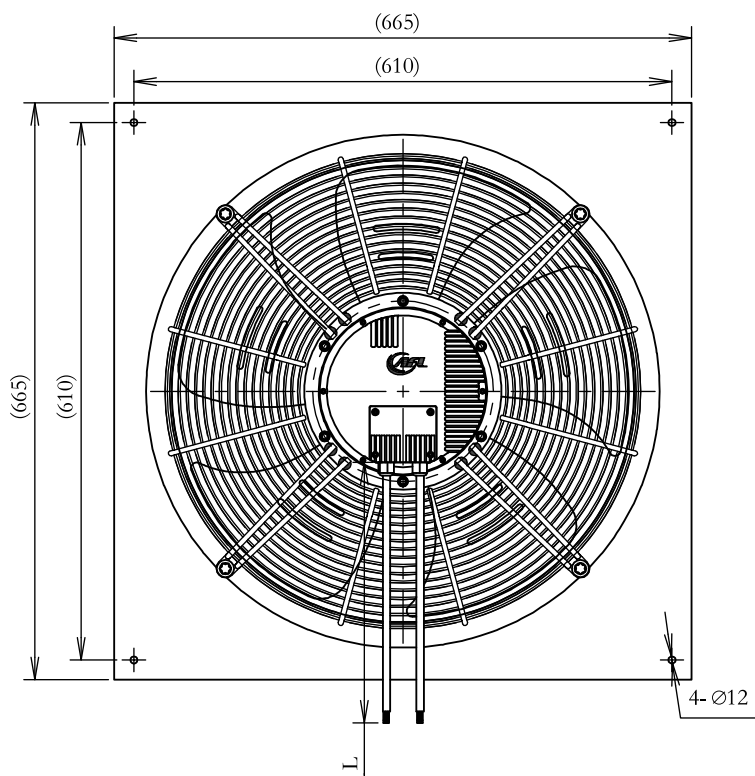
## Product drawing

With wind guide panel

Model No. **A3P500-EC137-912** (suction)



Model No. **A3P500-EC137-913** (blowing)



# Model No. A3P550-EC137-.....

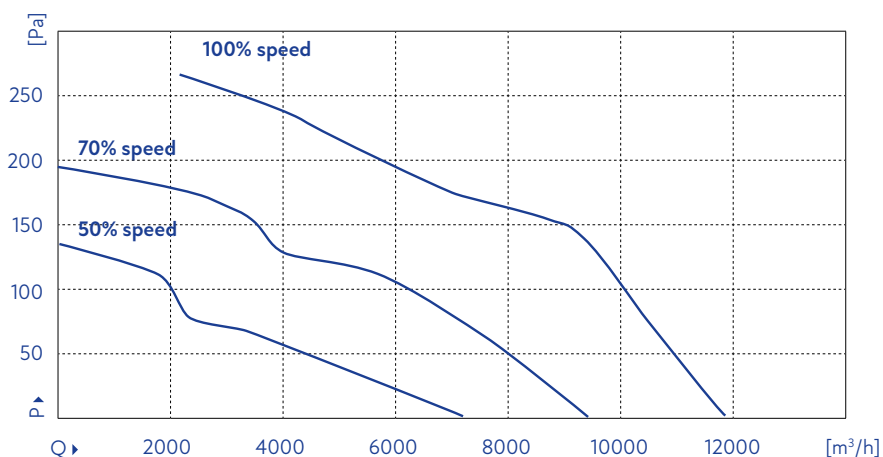
EC Axial Fan



## Technical data

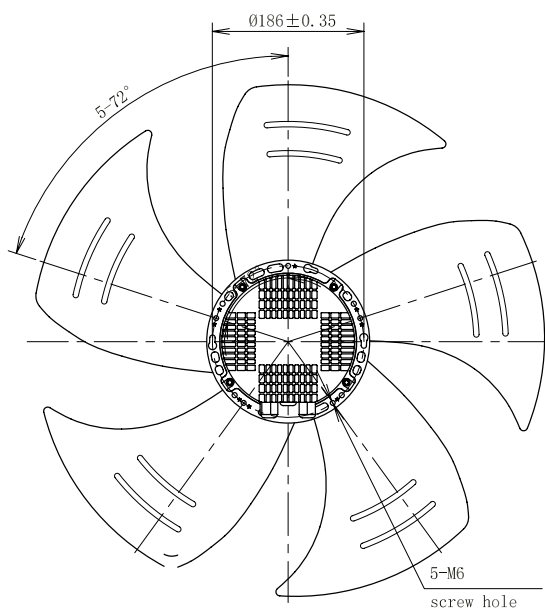
Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.65 A
Power input	950 W
Speed	1690 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	78 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet steel

## Air performance

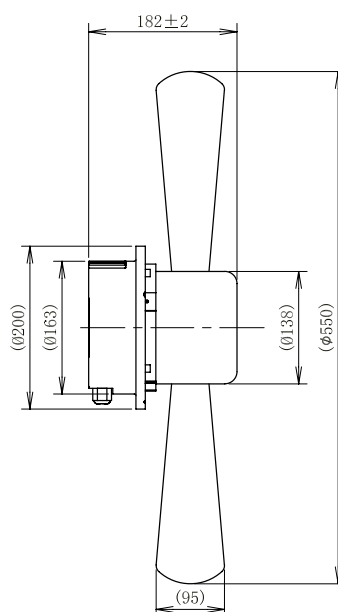


## Product drawing

Model No. A3P550-EC137-004 (suction)



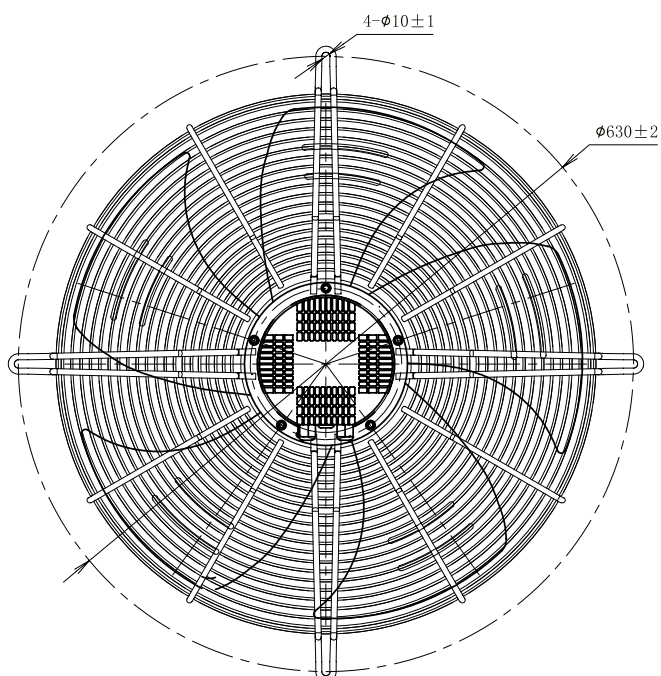
Model No. A3P550-EC137-005 (blowing)



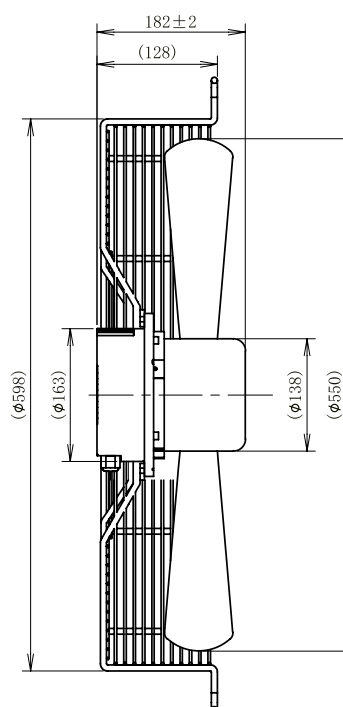
## Product drawing

With wall concave net cover grill

Model No. **A3P550-EC137-100** (suction)



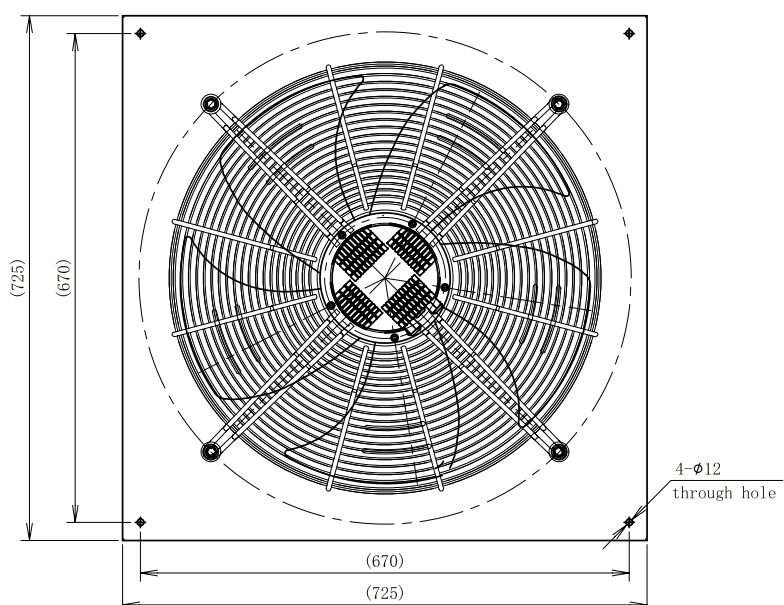
Model No. **A3P550-EC137-001** (blowing)



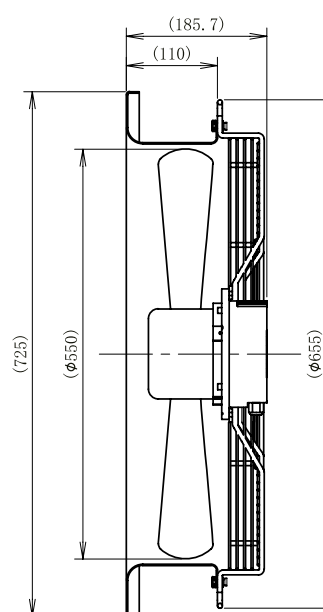
## Product drawing

With wind guide panel

Model No. **A3P550-EC137-002** (suction)



Model No. **A3P550-EC137-003** (blowing)



# Model No. A3P550-EC137-2...

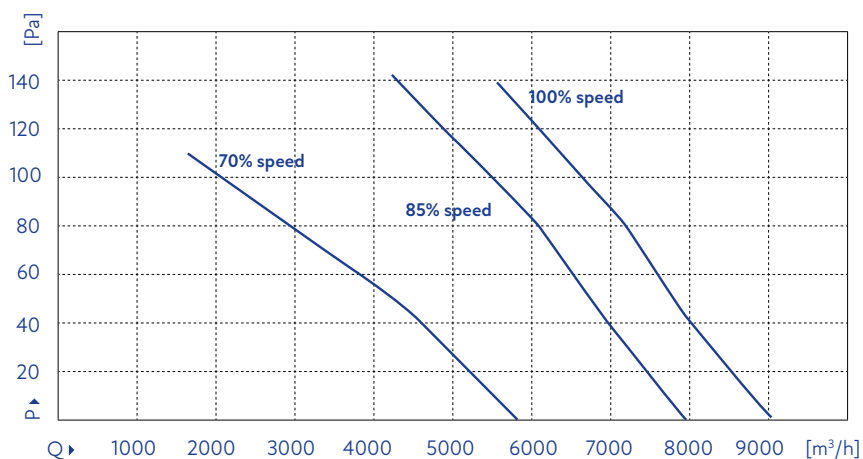
EC Axial Fan



## Technical data

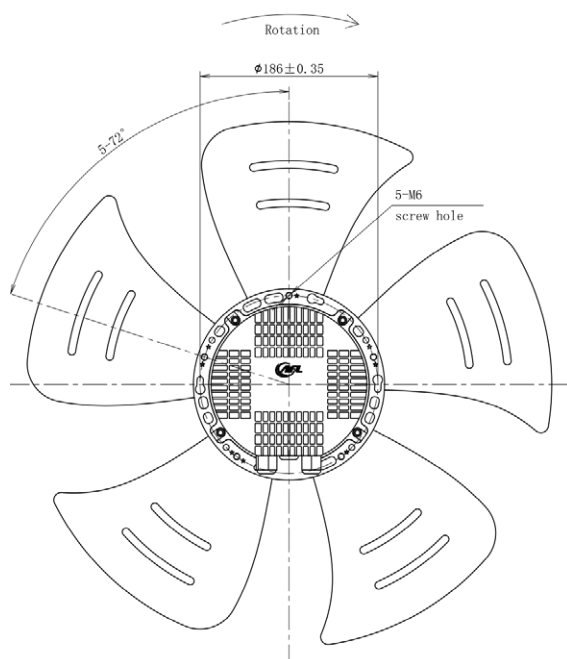
Supply	230 VAC
Frequency	50/60 Hz
Current draw	2.6 A
Power input	550 W
Speed	1250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	71 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

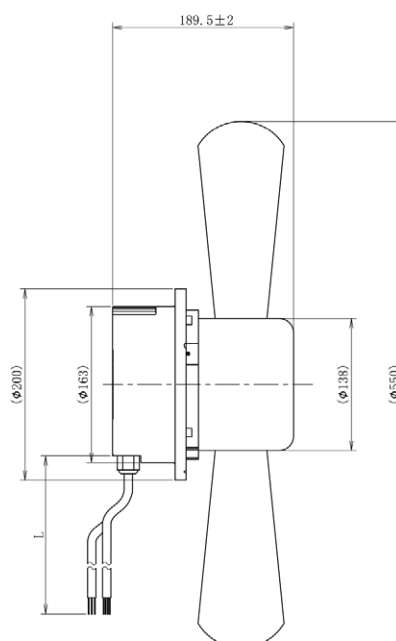


## Product drawing

Model No. A3P550-EC137-204 (suction)



Model No. A3P550-EC137-205 (blowing)



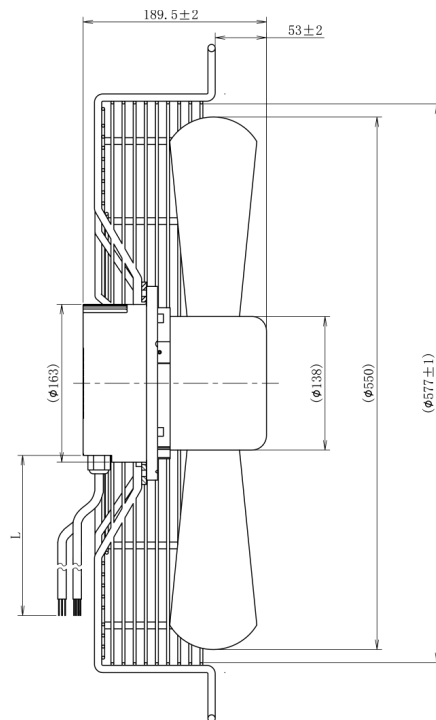
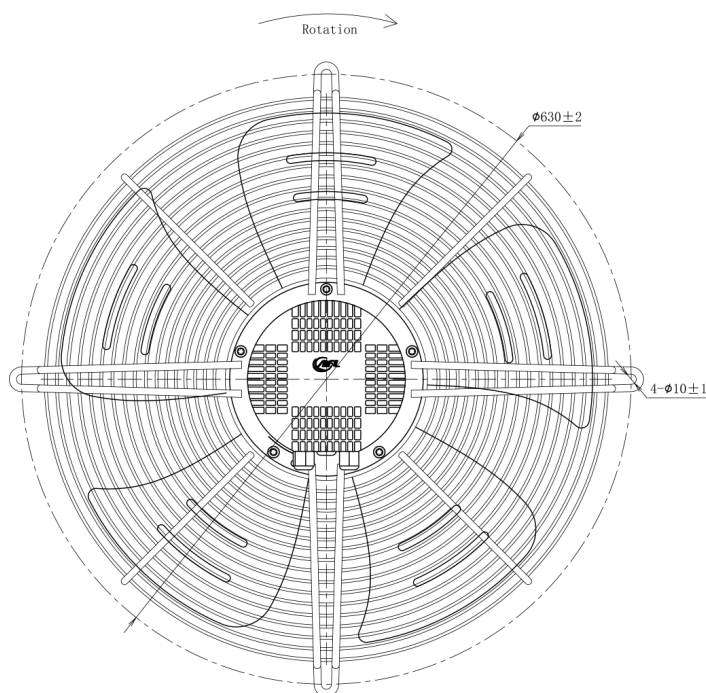
## Product drawing

With wall concave net cover grill

Model No. **A3P550-EC137-200** (suction)



Model No. **A3P550-EC137-201** (blowing)



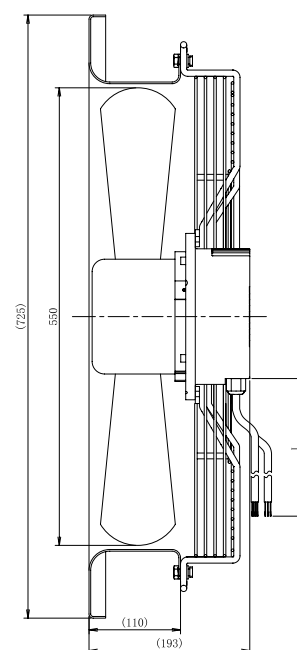
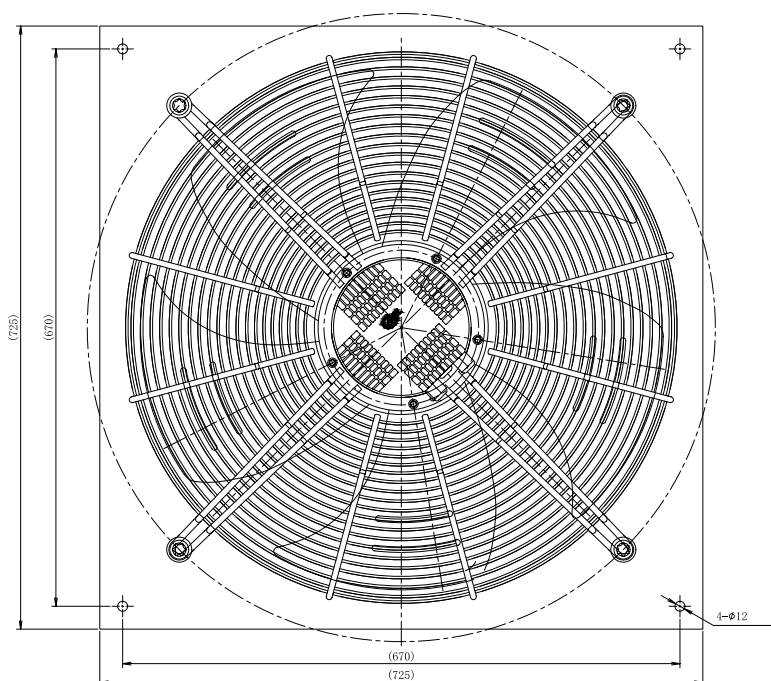
## Product drawing

With wind guide panel

Model No. **A3P550-EC137-202** (suction)



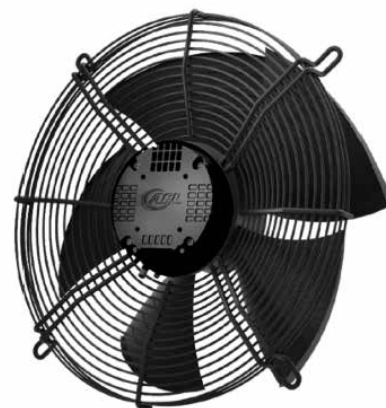
Model No. **A3P550-EC137-203** (blowing)





# Model No. A3P630-EC137-260

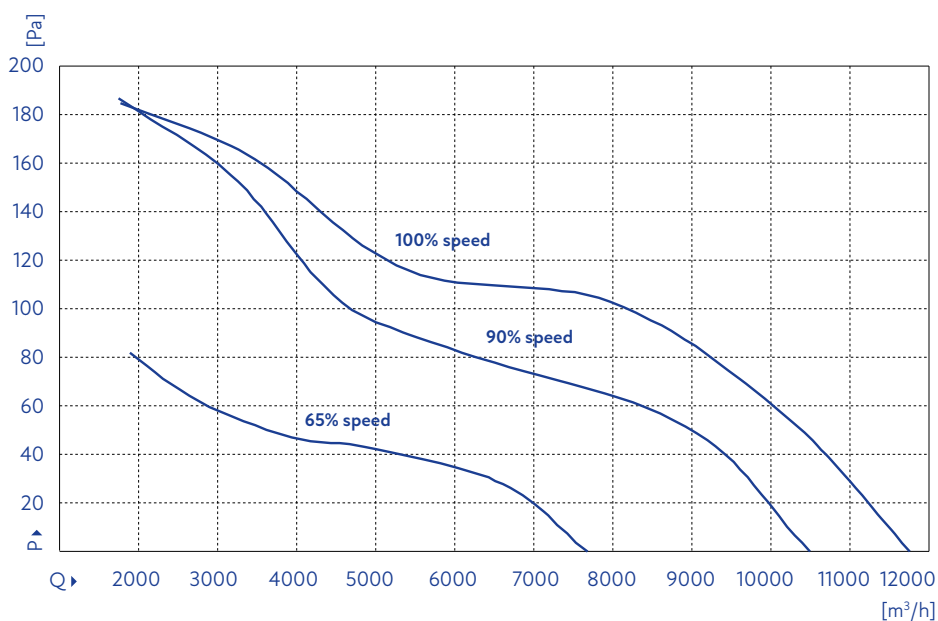
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	2.75 A
Power input	600 W
Speed	960 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	65 dB
Degree of protection	IP54
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	PA66

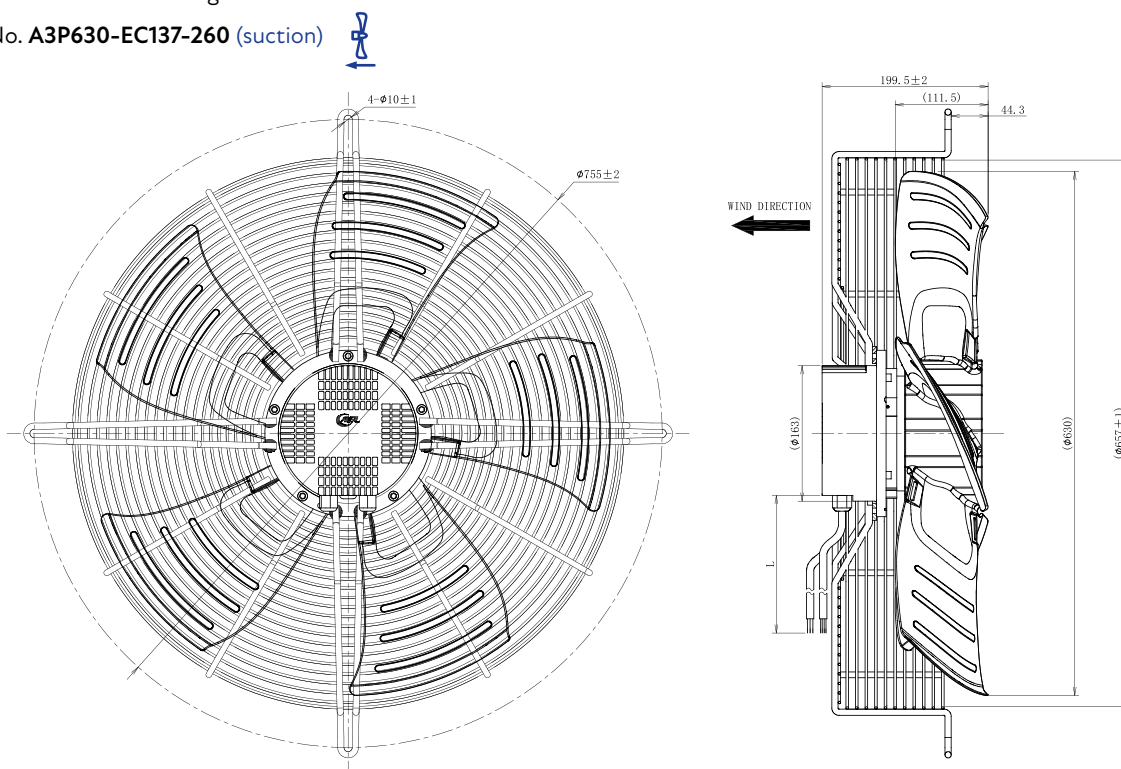
## Air performance



## Product drawing

With wall concave net cover grill

Model No. **A3P630-EC137-260** (suction)



# Model No. A3P630-EC137-.....

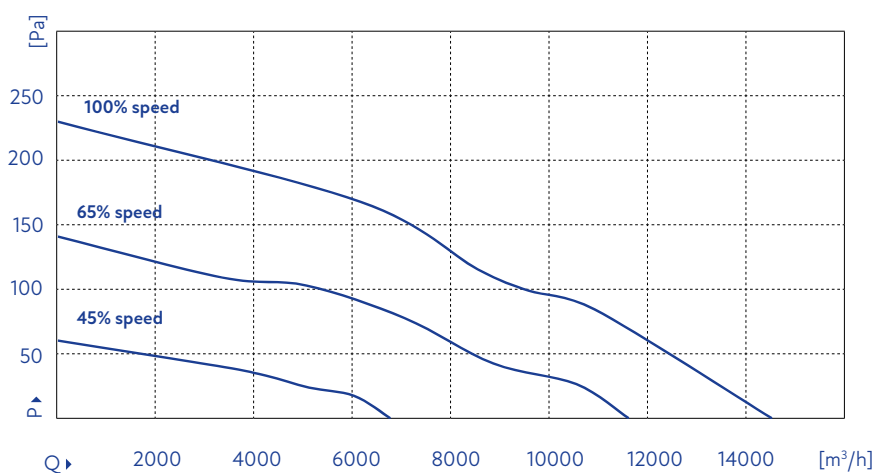
EC Axial Fan




## Technical data

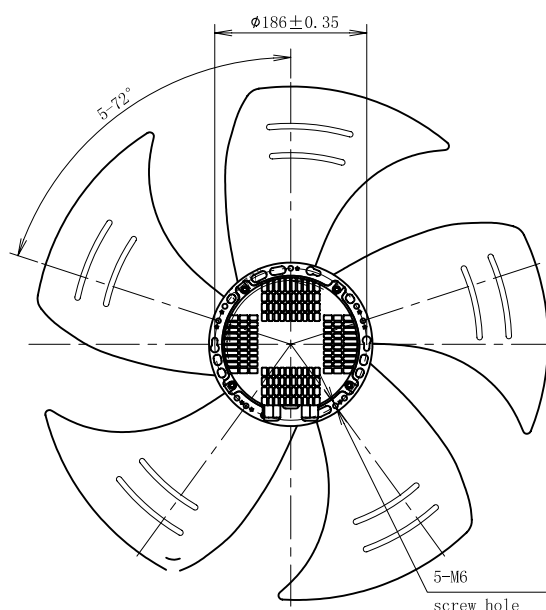
Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.3 A
Power input	780 W
Speed	1250 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	69 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet steel


## Air performance

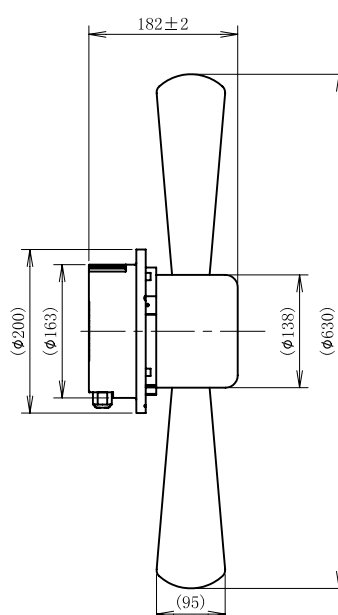


## Product drawing

Model No. A3P630-EC137-004 (suction) 



Model No. A3P630-EC137-005 (blowing) 





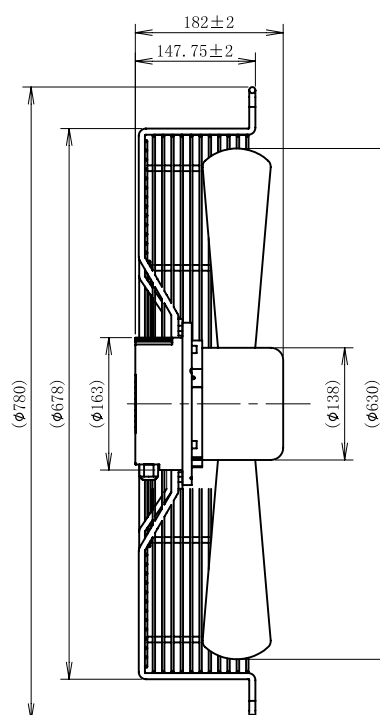
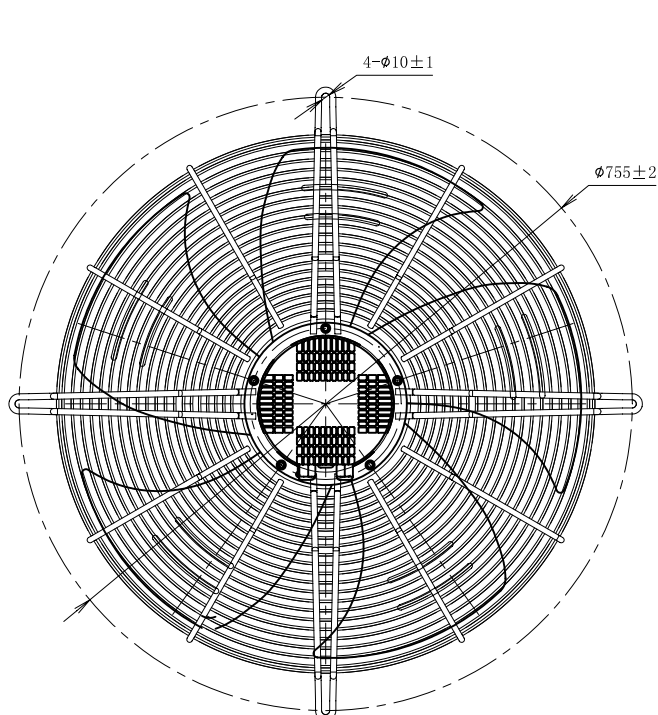
## Product drawing

With wall concave net cover grill

Model No. **A3P630-EC137-100** (suction)



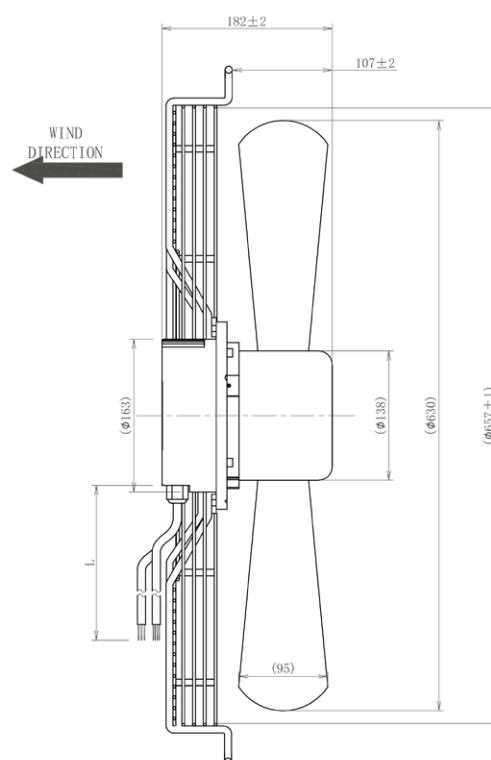
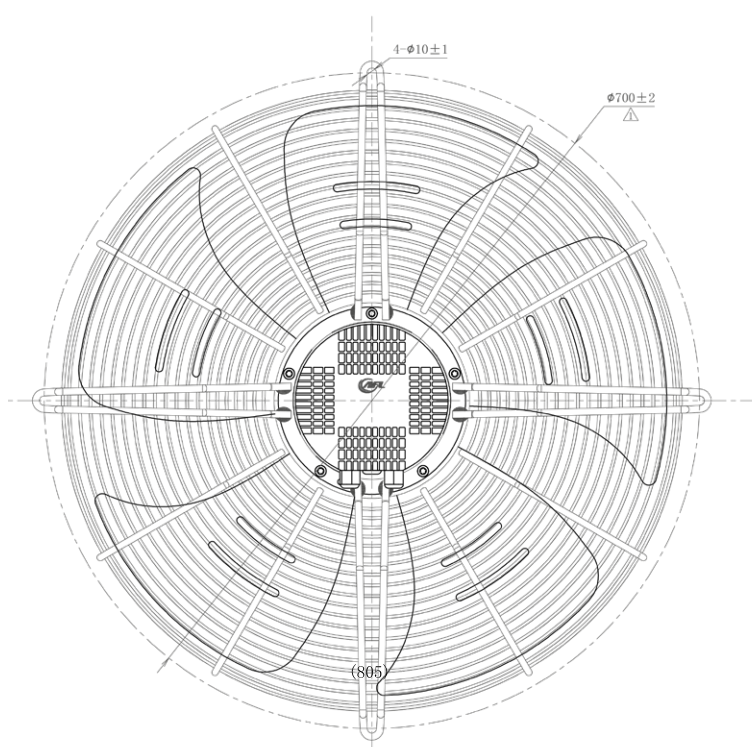
Model No. **A3P630-EC137-001** (blowing)



## Product drawing

With wall concave net cover grill

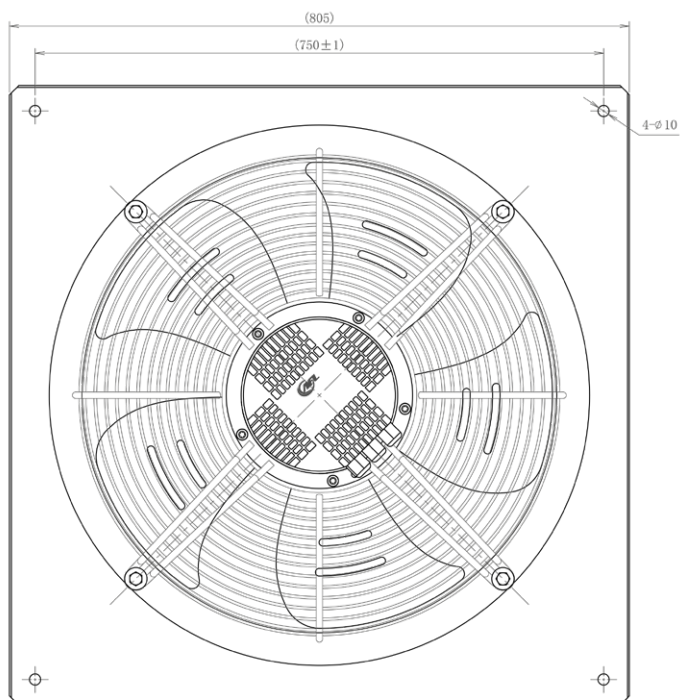
Model No. **A3P630-EC137-007** (suction)



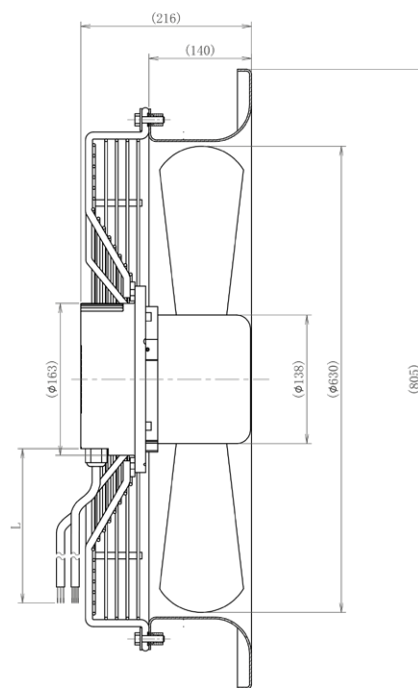
## ■ Product drawing

With wind guide panel

Model No. **A3P630-EC137-002** (suction)



Model No. **A3P630-EC137-003** (blowing)



# Model No. A3P630-EC137-05...

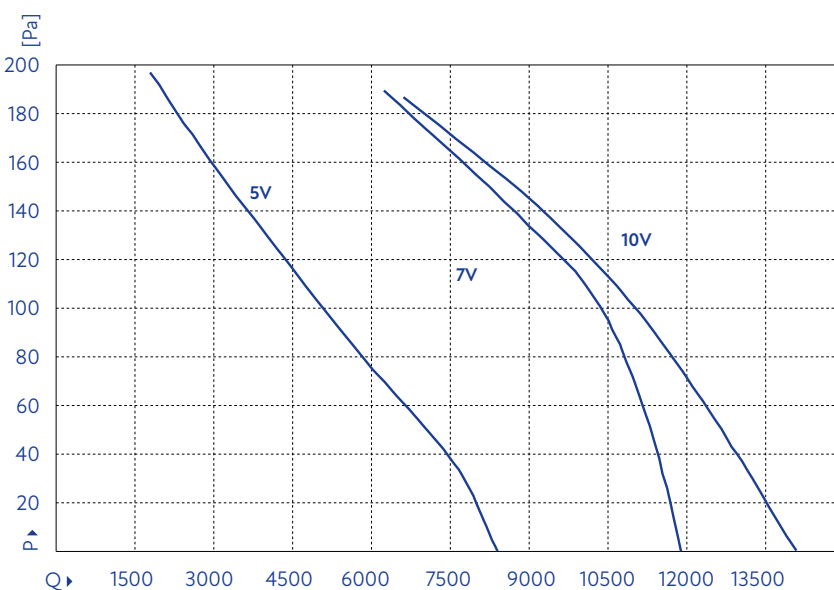
EC Axial Fan



## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	1.8 A
Power input	1050 W
Speed	1400 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	70 dB
Degree of protection	IP54
Working temperature	-20 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

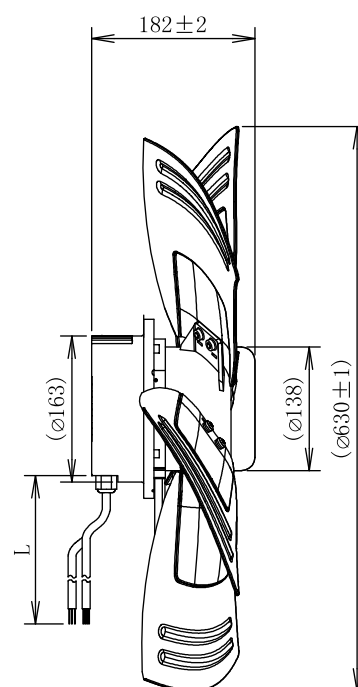
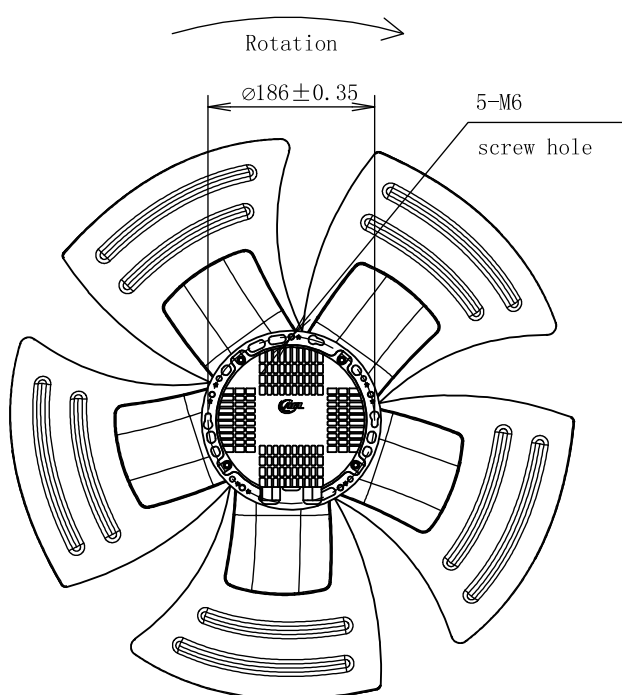


## Product drawing

Model No. A3P630-EC137-054 (suction)



Model No. A3P630-EC137-055 (blowing)



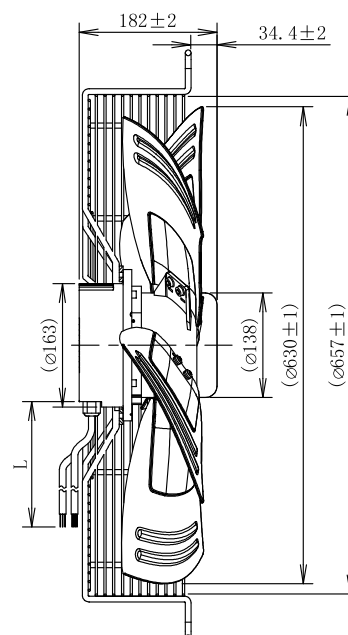
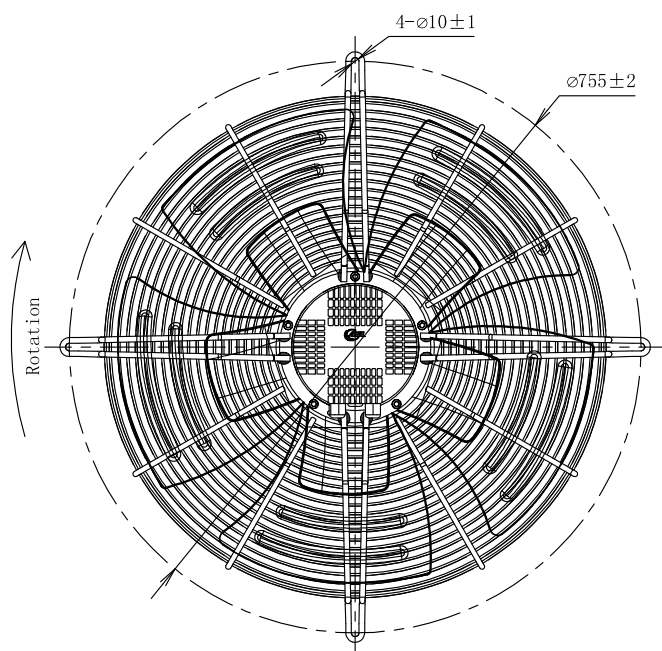
## Product drawing

With wall concave net cover grill

Model No. **A3P630-EC137-050** (suction)



Model No. **A3P630-EC137-051** (blowing)



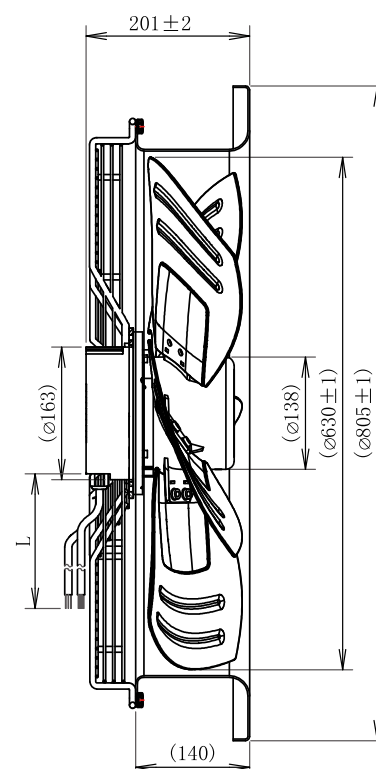
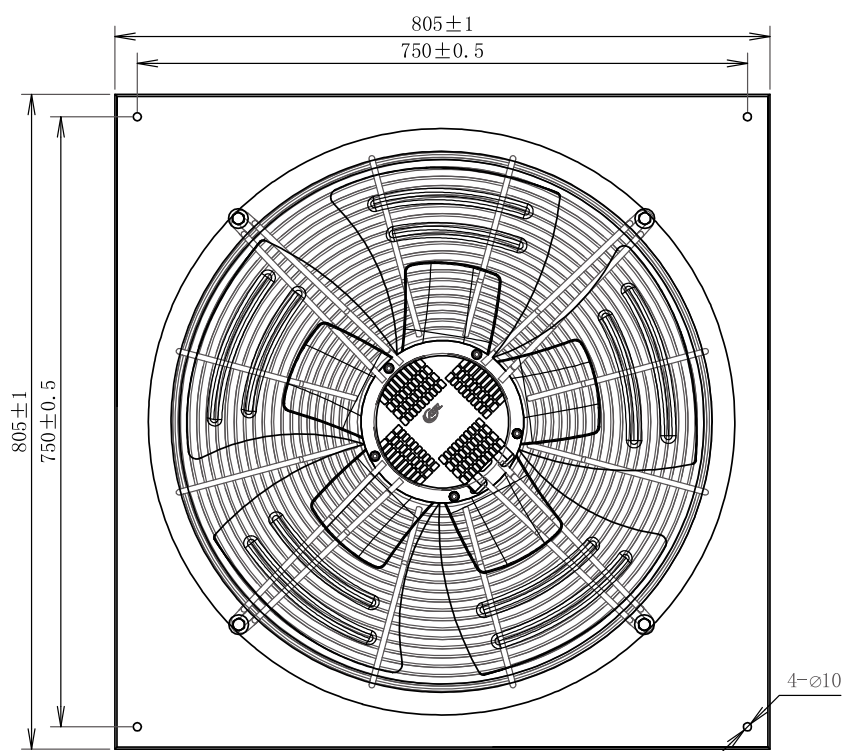
## Product drawing

With wind guide panel

Model No. **A3P630-EC137-052** (suction)



Model No. **A3P630-EC137-053** (blowing)



# Model No. A3P630-EC137-9...

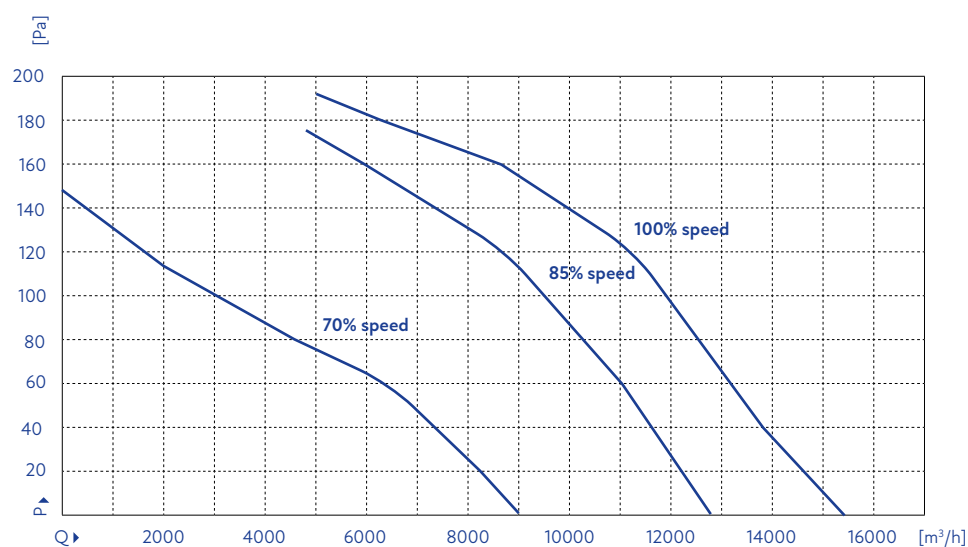
EC Axial Fan



## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.0 A
Power input	1200 W
Speed	1300 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	75 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet steel

## Air performance

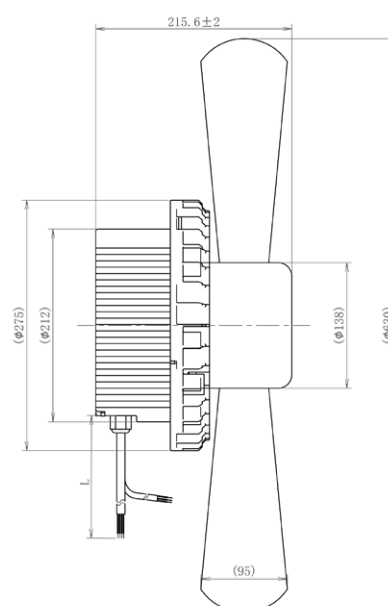
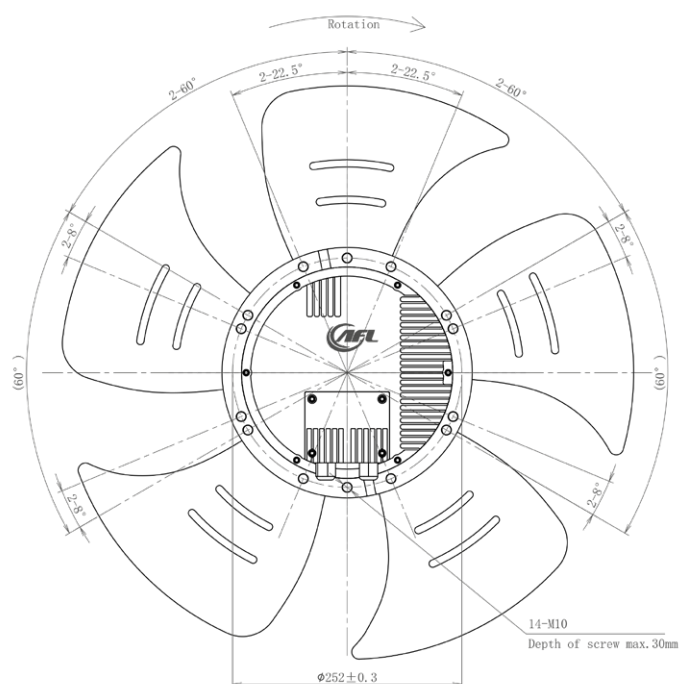


## Product drawing

Model No. **A3P630-EC137-904** (suction)



Model No. **A3P630-EC137-905** (blowing)





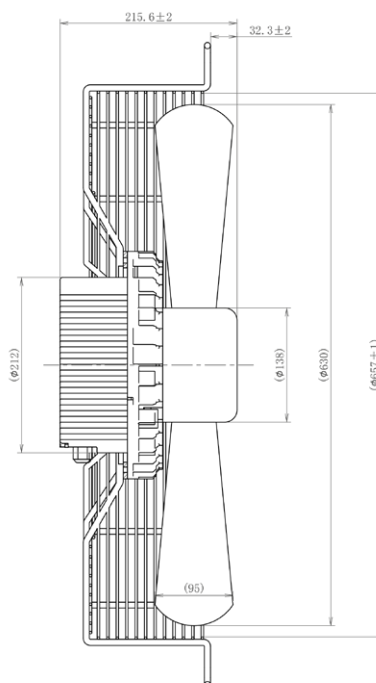
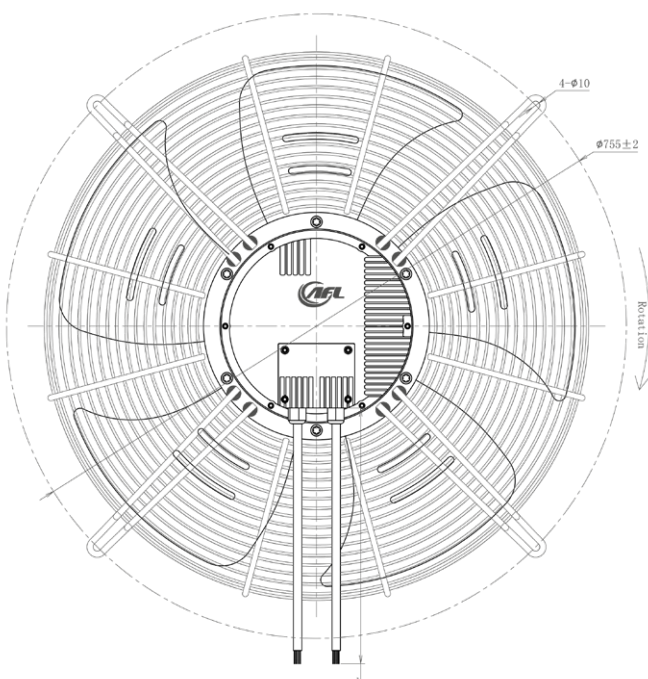
## Product drawing

With wall concave net cover grill

Model No. **A3P630-EC137-900** (suction)



Model No. **A3P630-EC137-901** (blowing)



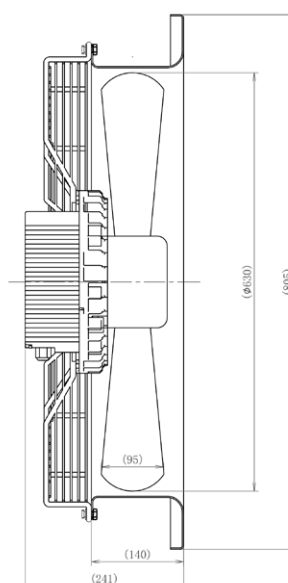
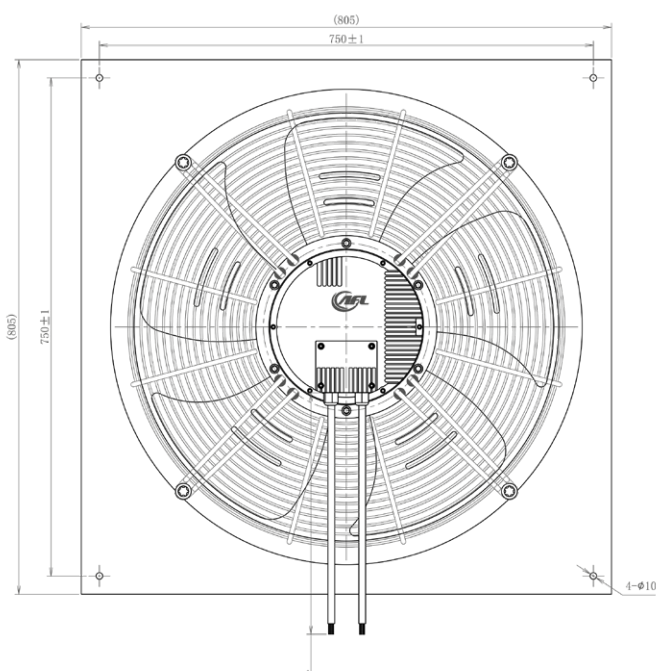
## Product drawing

With wind guide panel

Model No. **A3P630-EC137-902** (suction)



Model No. **A3P630-EC137-903** (blowing)



# Model No. A3P630-EC137-91...

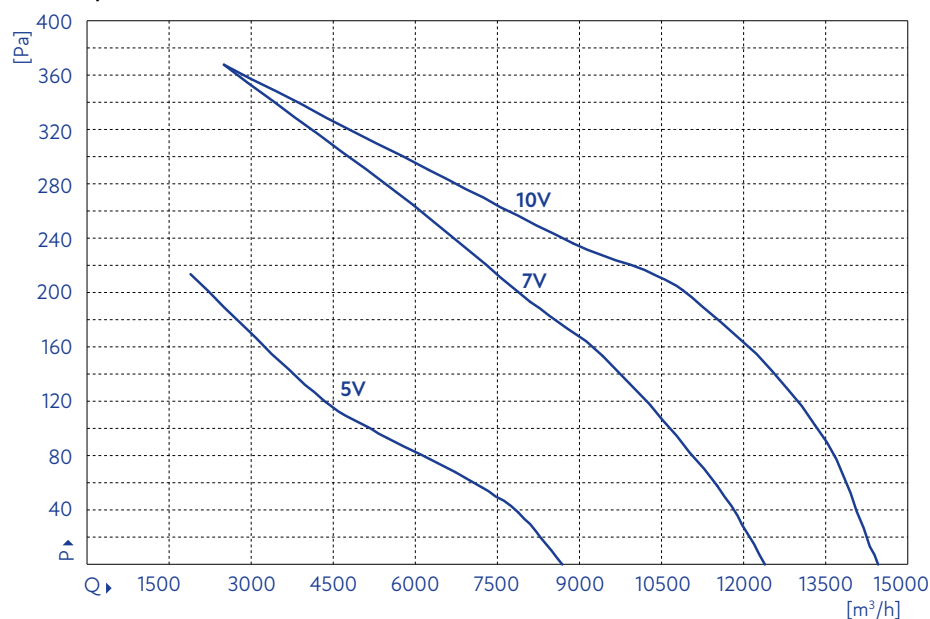
EC Axial Fan



## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.4 A
Power input	1400 W
Speed	1450 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP54
Working temperature	-20 ~ +60 °C
Insulation class	F
Impeller material	sheet aluminium

## Air performance

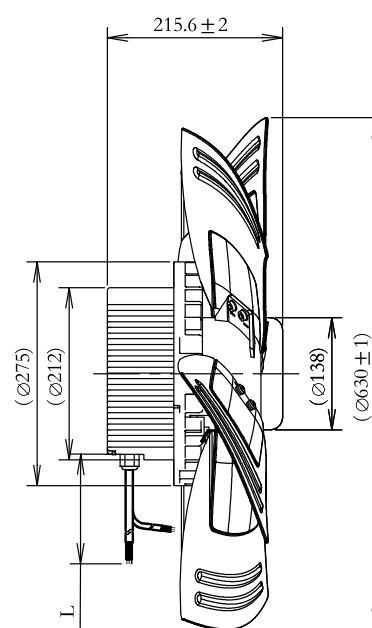
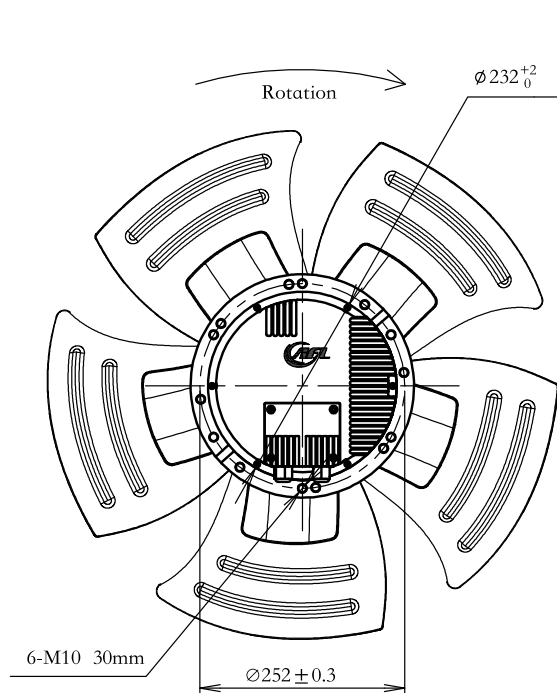


## Product drawing

Model No. A3P630-EC137-914 (suction)



Model No. A3P630-EC137-915 (blowing)





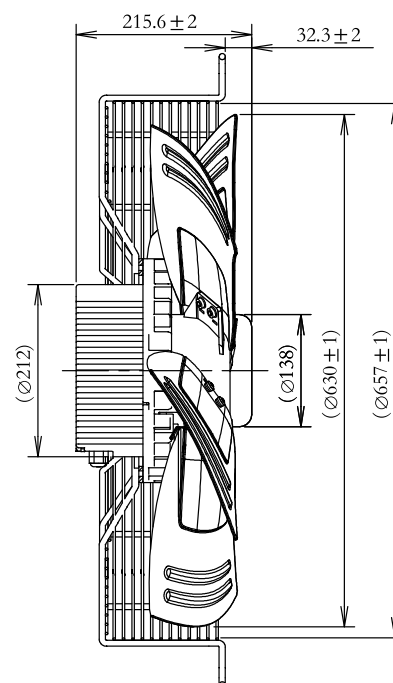
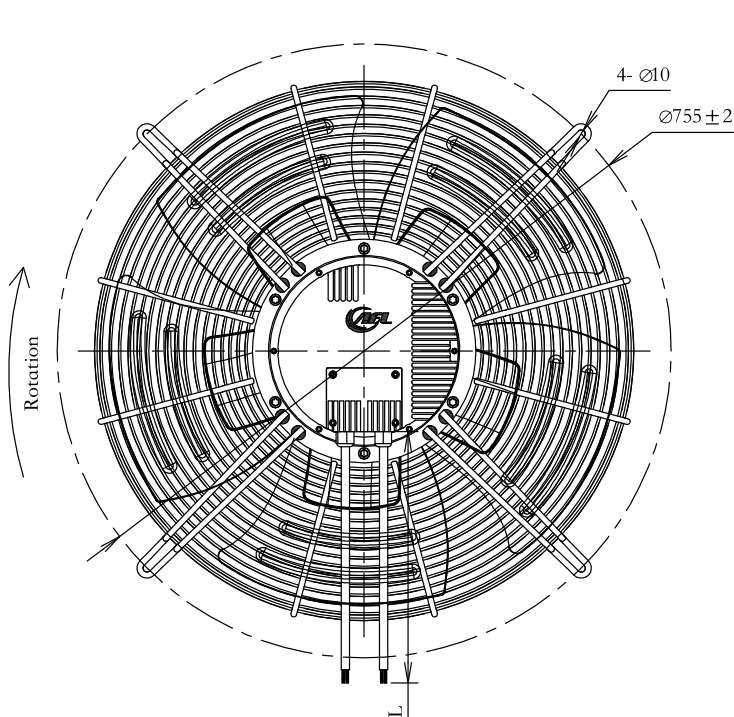
## Product drawing

With wall concave net cover grill

Model No. **A3P630-EC137-910** (suction)



Model No. **A3P630-EC137-911** (blowing)



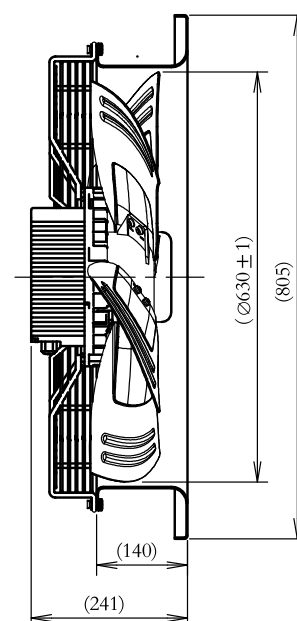
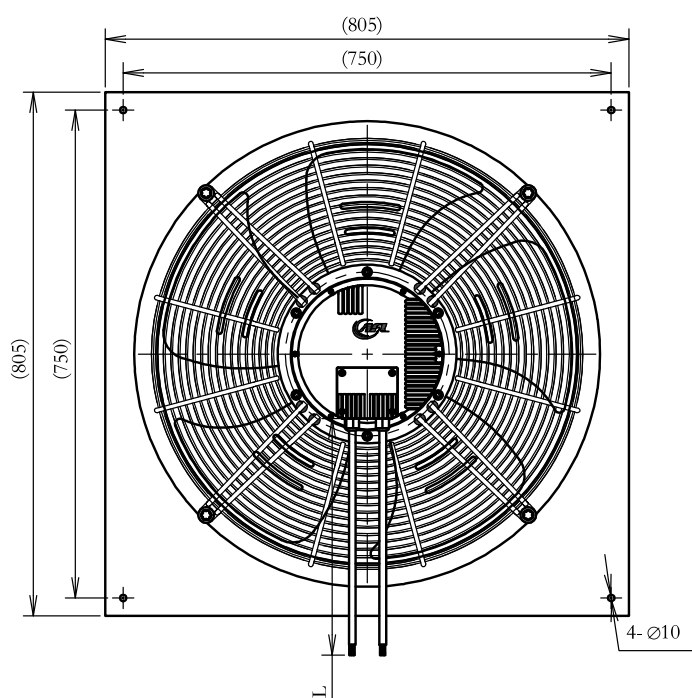
## Product drawing

With wind guide panel

Model No. **A3P630-EC137-912** (suction)



Model No. **A3P630-EC137-913** (blowing)



# Model No. A3P630-EC137-2...

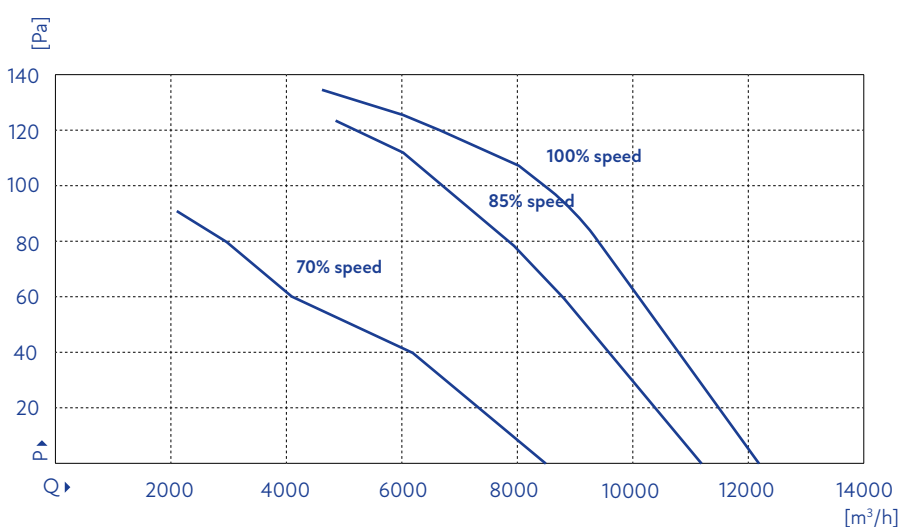
EC Axial Fan



## Technical data

Supply	230 VAC
Frequency	50/60 Hz
Current draw	2.8 A
Power input	600 W
Speed	1100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	68 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	B
Impeller material	sheet steel

## Air performance

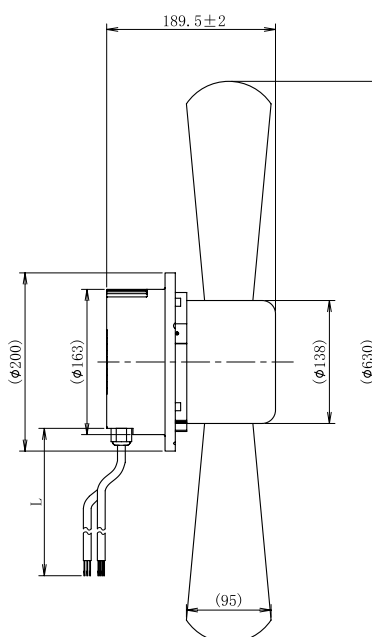
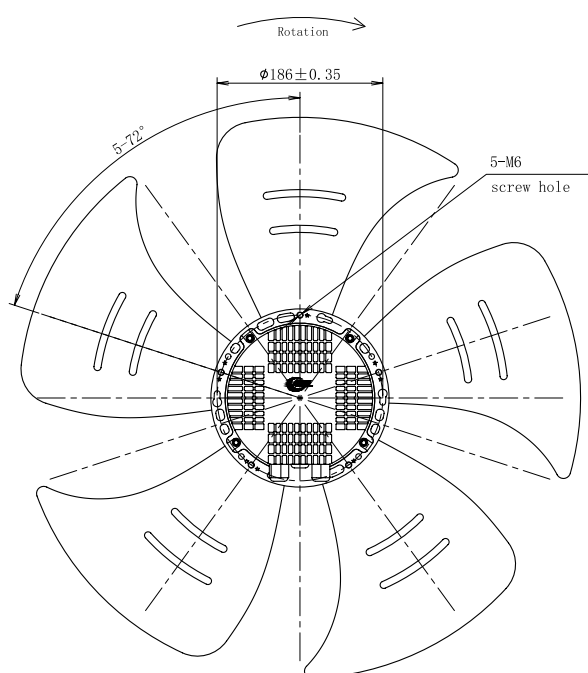


## Product drawing

Model No. A3P630-EC137-204 (suction)



Model No. A3P630-EC137-205 (blowing)



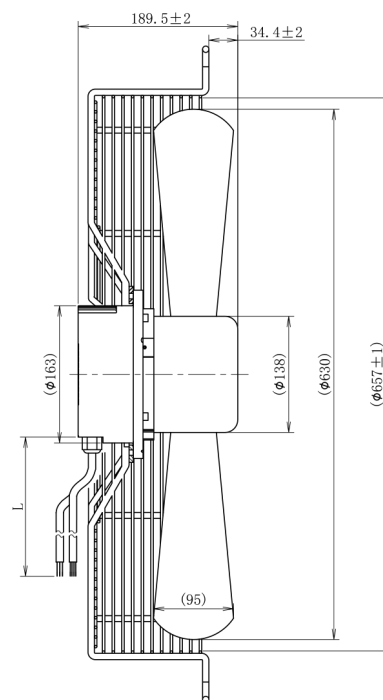
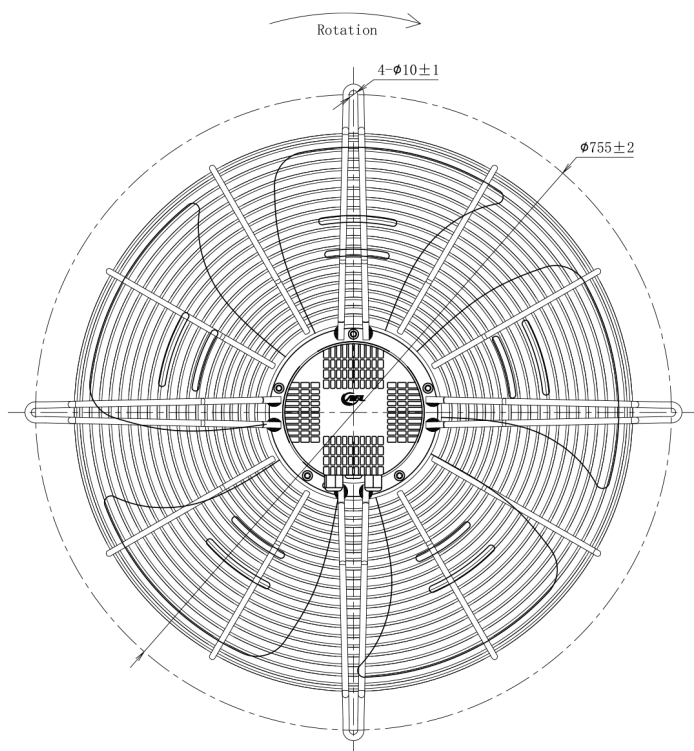
## Product drawing

With wall concave net cover grill

Model No. **A3P630-EC137-200** (suction)



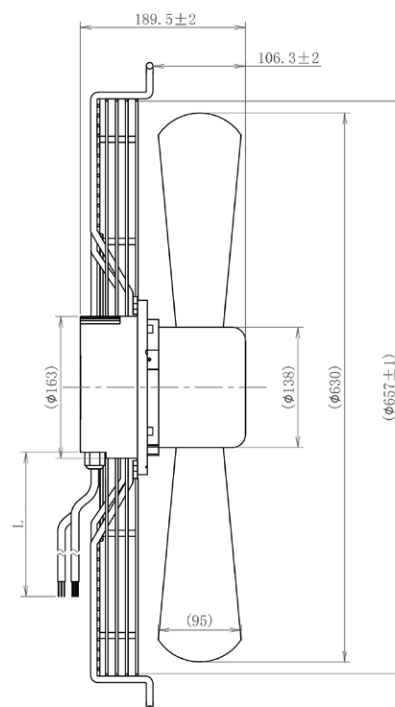
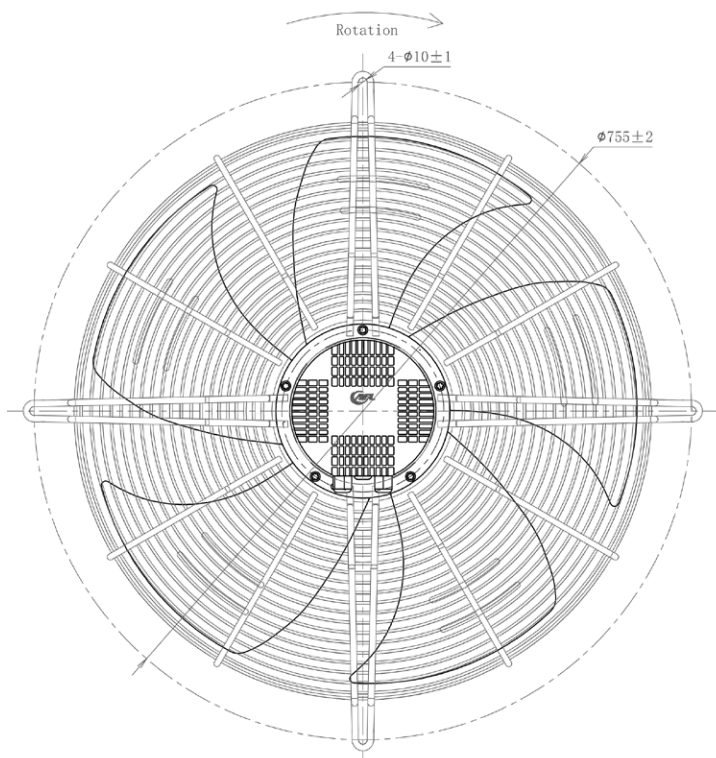
Model No. **A3P630-EC137-201** (blowing)



## Product drawing

With wall concave net cover grill

Model No. **A3P630-EC137-207** (suction)



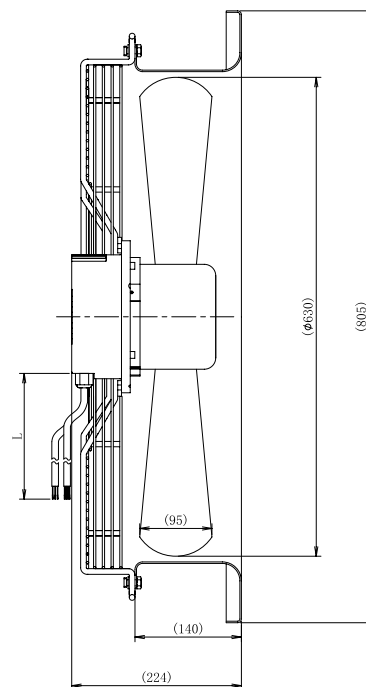
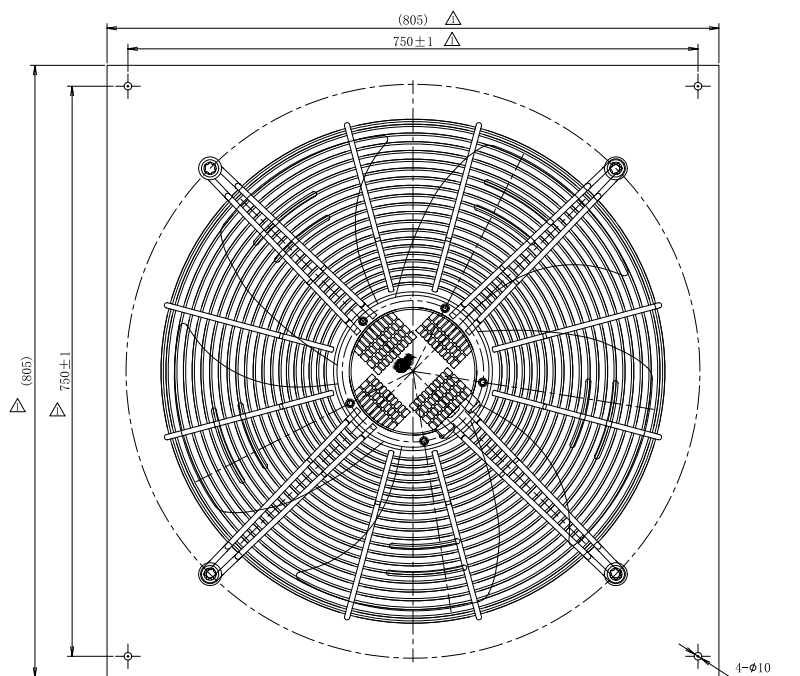
## ■ Product drawing

With wind guide panel

Model No. **A3P630-EC137-202** (suction)



Model No. **A3P630-EC137-203** (blowing)



# Model No. A3P710-EC188-...

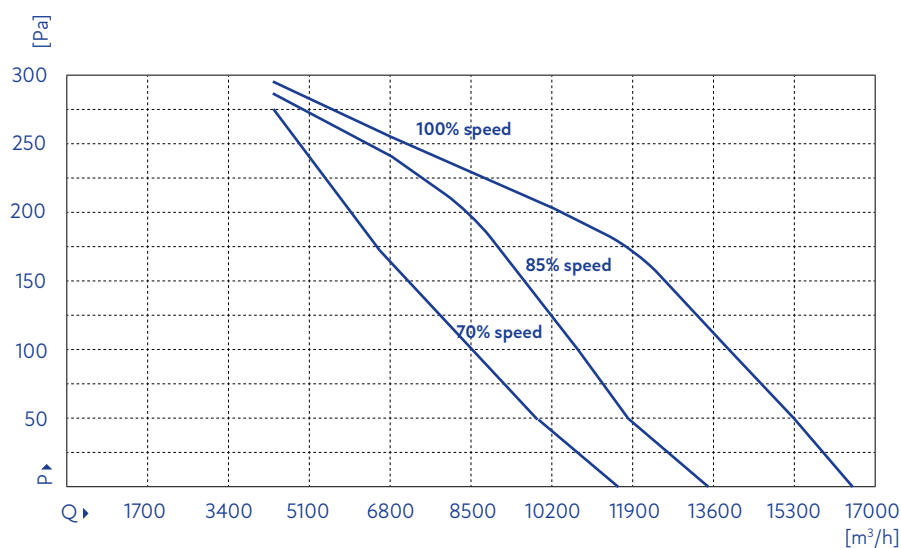
EC Axial Fan



## Technical data


Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	2.2 A
Power input	1280 W
Speed	1300 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	77 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet steel


## Air performance

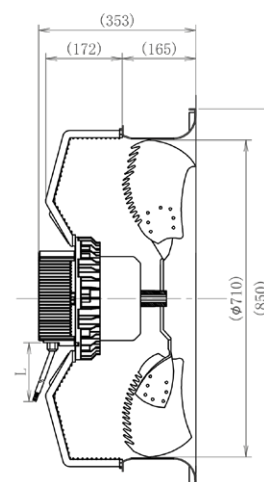
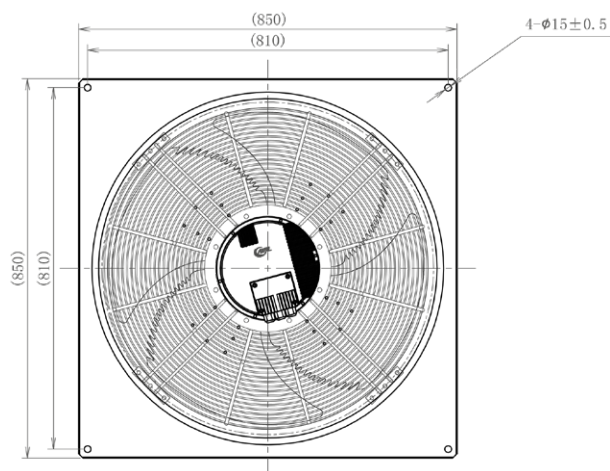


## Product drawing

With wind guide panel

Model No. **A3P710-EC188-022** (suction) 

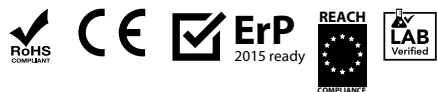
Model No. **A3P710-EC188-023** (blowing) 





# Model No. A3P800-EC188-...

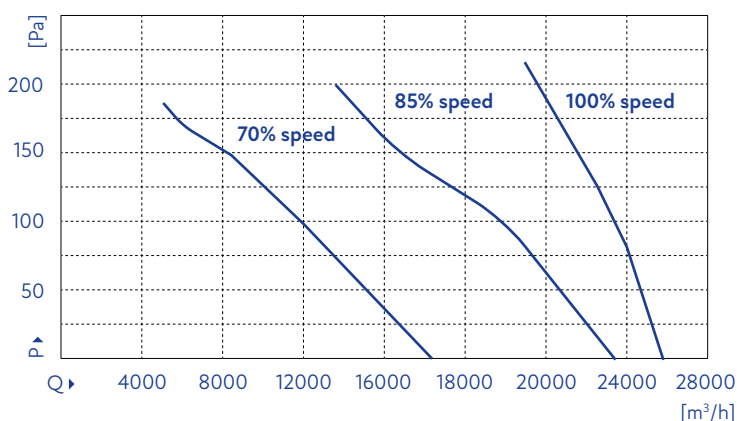
EC Axial Fan



## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	3.0 A
Power input	1900 W
Speed	1100 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	74 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet steel

## Air performance



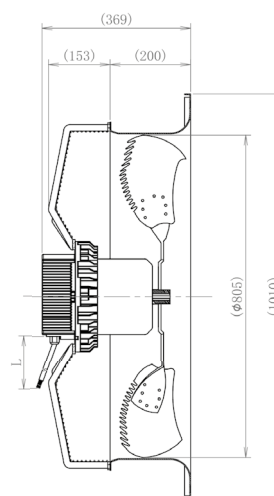
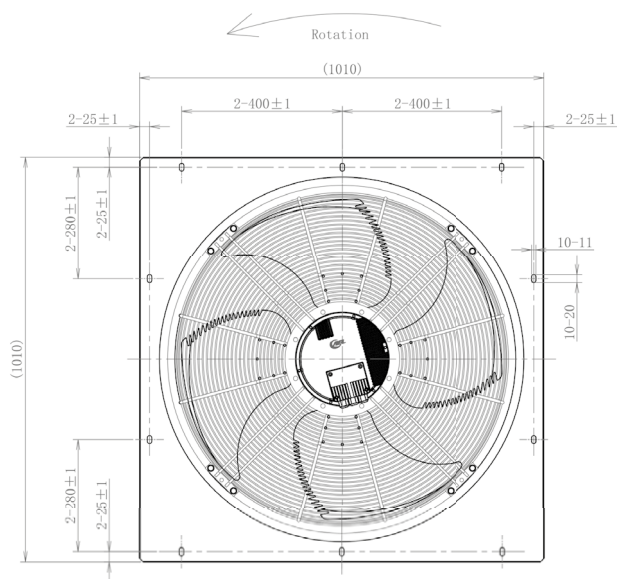
## Product drawing

With wind guide panel

Model No. A3P800-EC188-022 (suction)



Model No. A3P800-EC188-023 (blowing)



# Model No. A3P910-EC188-022

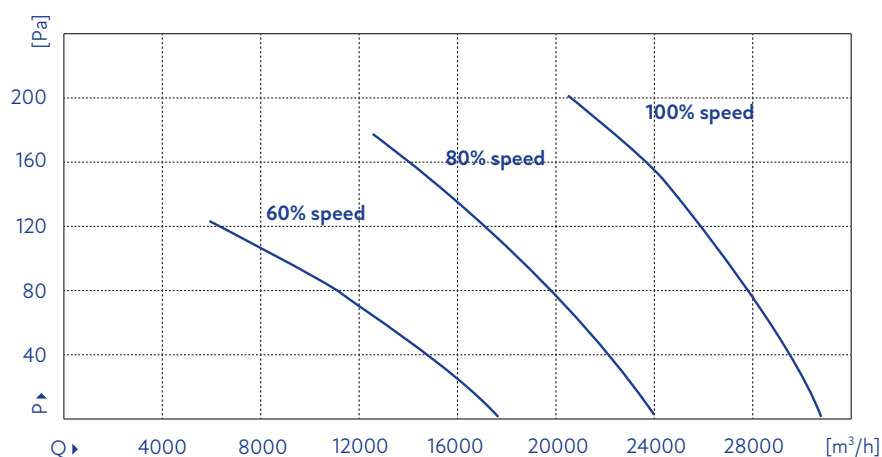
EC Axial Fan



## Technical data

Supply	3x400 VAC
Frequency	50/60 Hz
Current draw	3.0 A
Power input	1800 W
Speed	1000 min <sup>-1</sup>
Control input	0-10 VDC / PWM
Sound pressure level	77 dB
Degree of protection	IP44
Working temperature	-25 ~ +60 °C
Insulation class	F
Impeller material	sheet steel

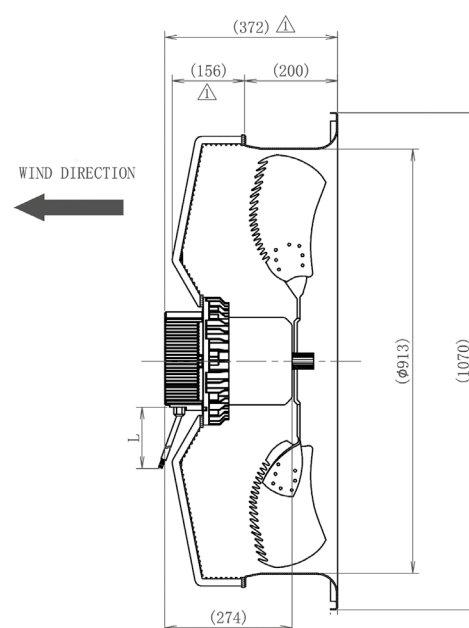
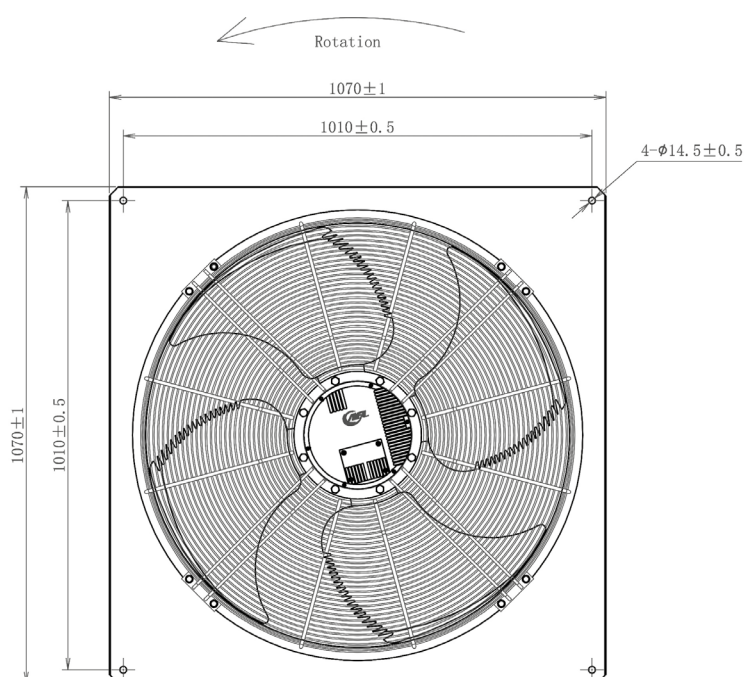
## Air performance



## Product drawing

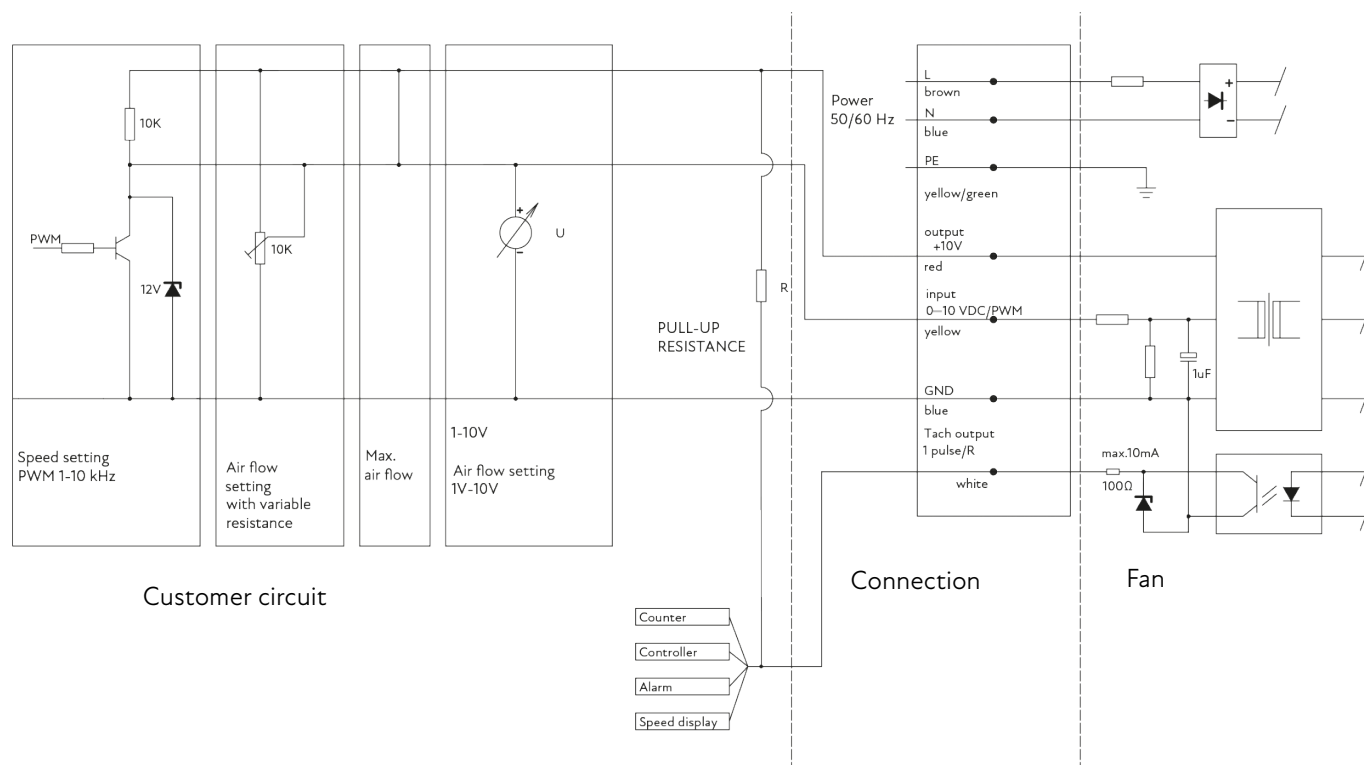
With wind guide panel

Model No. A3P910-EC188-022 (suction)





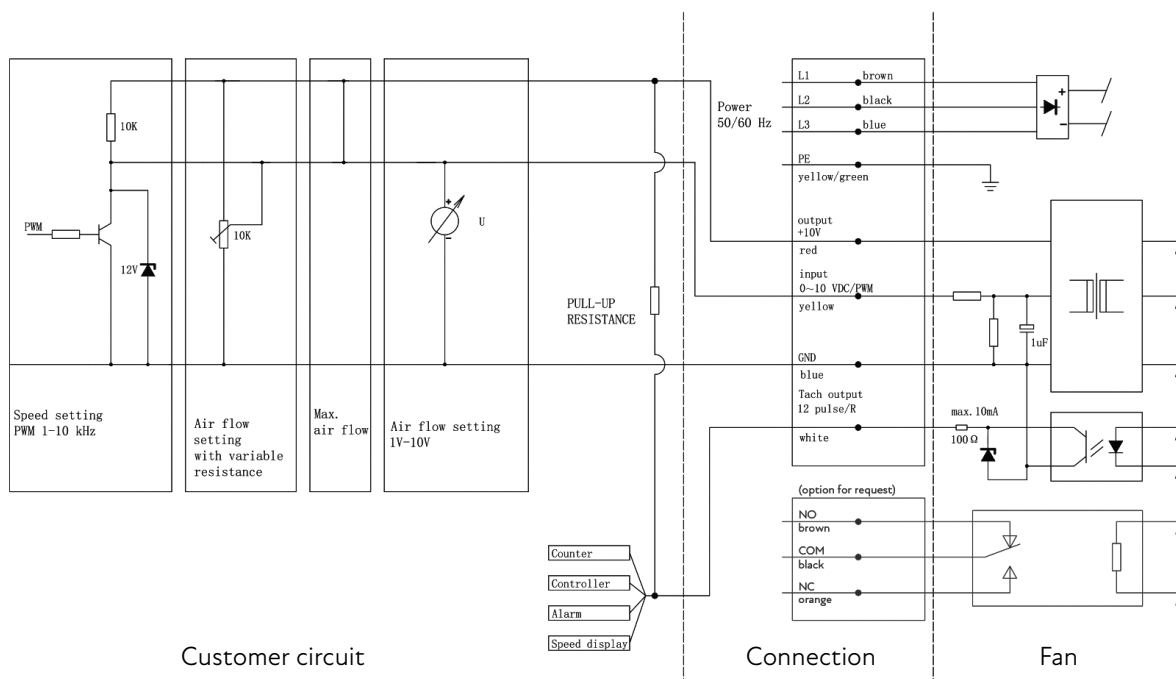
# Electrical connections for EC Single Phase Fans



Line	Connection	Color	Function
1	L	brown	Single-phase 50/60 Hz
	N	blue	
	PE	yellow / green	
2	+10V	red	+10V output
	0-10V/PWM	yellow	Speed control input
	GND	blue	GND
	Tach	white	Tach output EC072, EC092: 1 pulse/R EC102, EC137: 12 pulse/R

- Do not use relay or other mechanical switch on power supply line, because impact voltage may damage the fan.
- Switch on/off the device by the control input.

# Electrical connections for EC Three Phase Fans



Line	Connection	Color	Function
1	L1	brown	Three-phase 3~AC400V 50/60 Hz
	L2	black	
	L3	blue	
	PE	yellow / green	Protective earth
2	+10V	red	+10V output
	0-10V/PWM	yellow	Speed control input
	GND	blue	GND
	Tach	white	Tach output 12 pulse/R
3 (option)	NO	brown	NO
	COM	black	COM
	NC	orange	NC

- Do not use relay or other mechanical switch on power supply line, because impact voltage may damage the fan.
- Switch on/off the device by the control input.

