

# AW 200 EC sileo Axial fan

Article Number: 35854

Variant : 230V 1~ 50/60Hz



## Description

- 100% speed controllable
- electric connection via terminal box mounted on the motor
- inlet protection guard
- Integrated motor protection
- safe and maintenance free operation
- installation in any mounting position

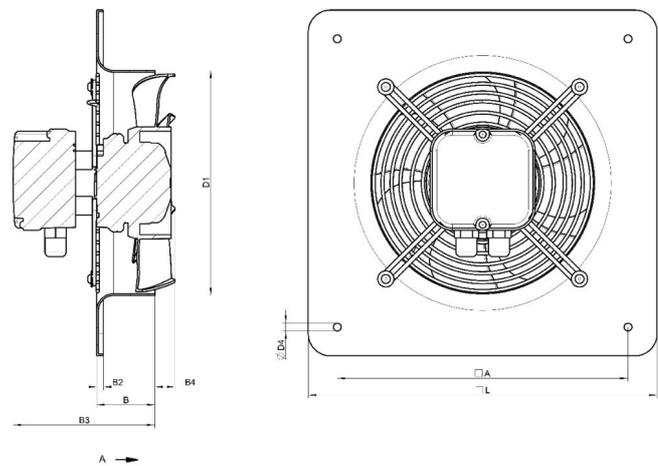
Axial fans of the range AW EC sileo are driven by high efficient, energy saving EC-external rotor motors. The power electronics is integrated in the motor casing/terminal box. All motors are suitable to be used for 50/60Hz. The input voltage for single phase units can vary between 200 and 240V. Speed control by a 0-10V signal. The AW EC sileo range is equipped with a square wall plate...

[Find more details in our online catalogue](#)

## Technical parameters

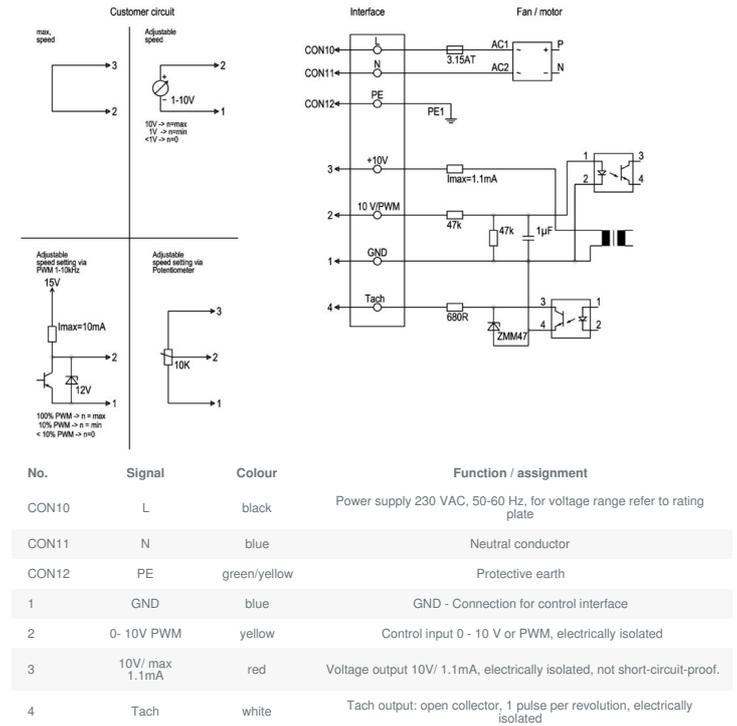
| Nominal data  |                             |
|---|-----------------------------|
| Voltage (Nominal)   | 230 V                       |
| Frequency   | 50; 60 Hz                   |
| Phase(s)  | 1~                          |
| Input power   | 60 W                        |
| Input current   | 0.53 A                      |
| Impeller speed  | 2,820 r.p.m.                |
| Air flow  | max 0.278 m <sup>3</sup> /s |
| Temperature of transported air                            | max 60 °C                   |
| Max temperature of transported air, when speed controlled | 60 °C                       |
| Sound data  |                             |
| Sound pressure level at 1m                                | 57 dB(A)                    |
| Protection/Classification                                 |                             |
| Enclosure class, motor                                    | IP54                        |
| Insulation class  | B                           |
| Data according to ErP                                     |                             |
| ErP ready   | ErP 2018                    |
| Dimensions and weights                                    |                             |
| Weight  | 2.4 kg                      |
| Others  |                             |
| Color name, casing  | Black                       |
| Motor type  | EC                          |

## Dimension

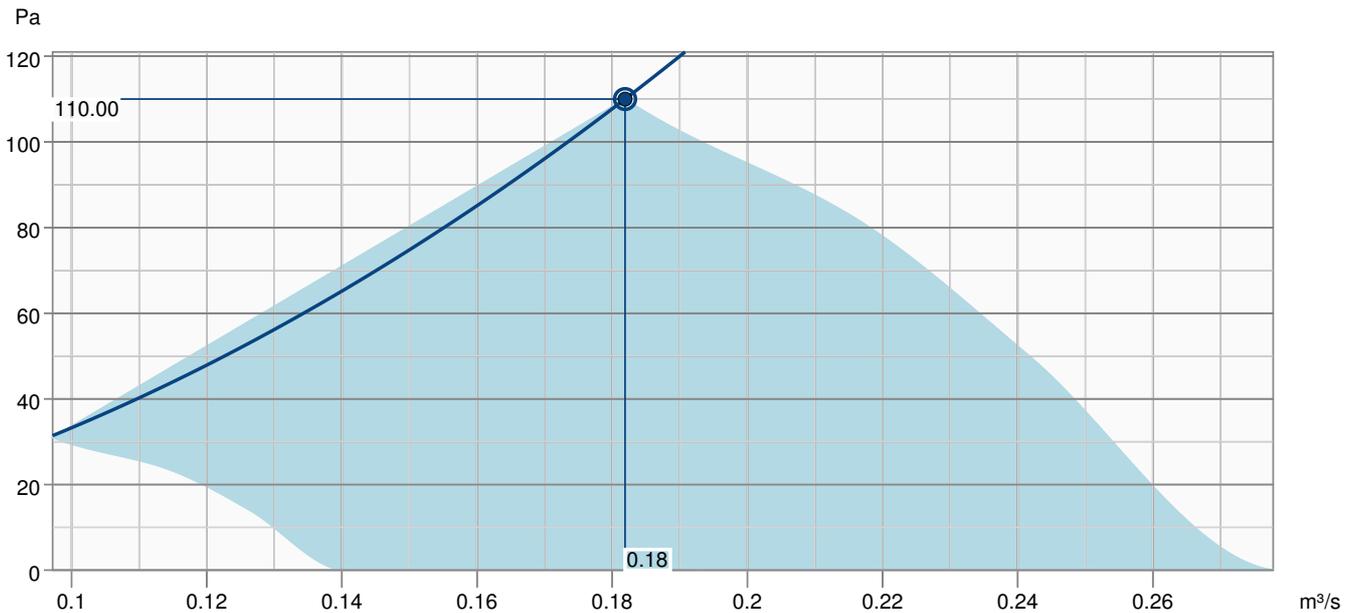


|                 | □A  | B  | B2 | B3  | B4 | ØD1 | ØD4 | □L  |
|-----------------|-----|----|----|-----|----|-----|-----|-----|
| AW 200 EC sileo | 260 | 52 | 6  | 127 | 18 | 203 | 7   | 312 |

## Wiring



## Performance curve



| Hydraulic data           |       |    |     |     |     |    |    |    |    |               |
|--------------------------|-------|----|-----|-----|-----|----|----|----|----|---------------|
| Required air flow        |       |    |     |     |     |    |    |    |    | 0.18 m³/s     |
| Required static pressure |       |    |     |     |     |    |    |    |    | 110 Pa        |
| Working air flow         |       |    |     |     |     |    |    |    |    | 0.18 m³/s     |
| Working static pressure  |       |    |     |     |     |    |    |    |    | 110 Pa        |
| Air density              |       |    |     |     |     |    |    |    |    | 1.204 kg/m³   |
| Power                    |       |    |     |     |     |    |    |    |    | 60.0 W        |
| Fan control - RPM        |       |    |     |     |     |    |    |    |    | 2985 rpm      |
| Current                  |       |    |     |     |     |    |    |    |    | 0.53 A        |
| SFP                      |       |    |     |     |     |    |    |    |    | 0.330 kW/m³/s |
| Control voltage          |       |    |     |     |     |    |    |    |    | 10.0 V        |
| Supply voltage           |       |    |     |     |     |    |    |    |    | 230 V         |
| Sound power level        |       | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k | Total         |
| Inlet                    | dB(A) | 26 | 37  | 51  | 53  | 55 | 60 | 59 | 49 | 64            |

## Accessories

EC-Basic-CO2 and temperature (24808)

EC-Basic-T temperature (24805)

EC-Vent control board (3115)

MTP 10, 10K, Speed control (32731)

MTV-1/010 Controller 0..10V+ (30650)

S-5EC/FRQ (76738)

EC-Basic-H humidity (24807)

EC-Basic-U universal 0-10V (24806)

EC-Vent Room Unit (3018)

MTP 20, on/off, 3-step (310220)

REV-3POL/03 ON/OFF (33978)

VK-20 Louvre shutter (5639)

## Documents

IMO\_AW 200 EC SILEO\_35854\_DE,EN.PDF

MANUAL\_AW\_\_AR\_EBM\_EN\_003-MIN.PDF

EU\_DECLARATION\_OF\_CONFORMITY\_AXIAL\_FANS\_EN\_004.PDF

installation variations\_2\_AR\_AW.pdf