

AW 315DV sileo Axial fan

Item Number: [37408](#)

Variant: 400V 3~ 50Hz

Speed controllable by voltage reduction, plus option of 2-step operation by D/Y switching for 400V versions.

Inlet protection guard.

Safe and maintenance free operation.

Can be installed in any mounting position.

Electric connection via terminal box mounted on the motor.

Single phase fans are supplied with capacitor.

Axial fans of the AW sileo range do have a bionic shape of the fan blade, and are driven by external rotor motors. The AW range is equipped with a square wall plate, galvanized steel and powder coated in black (RAL9005). The protection guard at the inlet side is powder coated in black. The axial impeller is manufactured from pressure die cast aluminum and also painted in black (RAL9005). The impeller is balanced dynamically in two levels in accordance with DIN ISO 1940 part 1, quality G6.3.

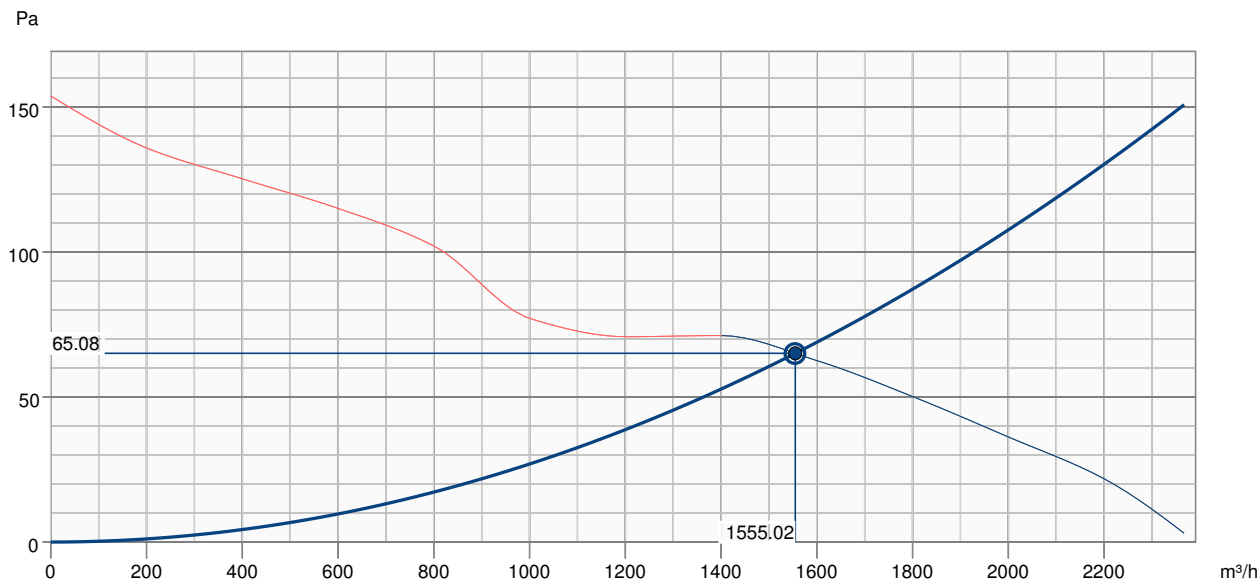
The motors are equipped with thermal contacts for motor protection, with leads to be connected to a motor protection unit.



Technical parameters

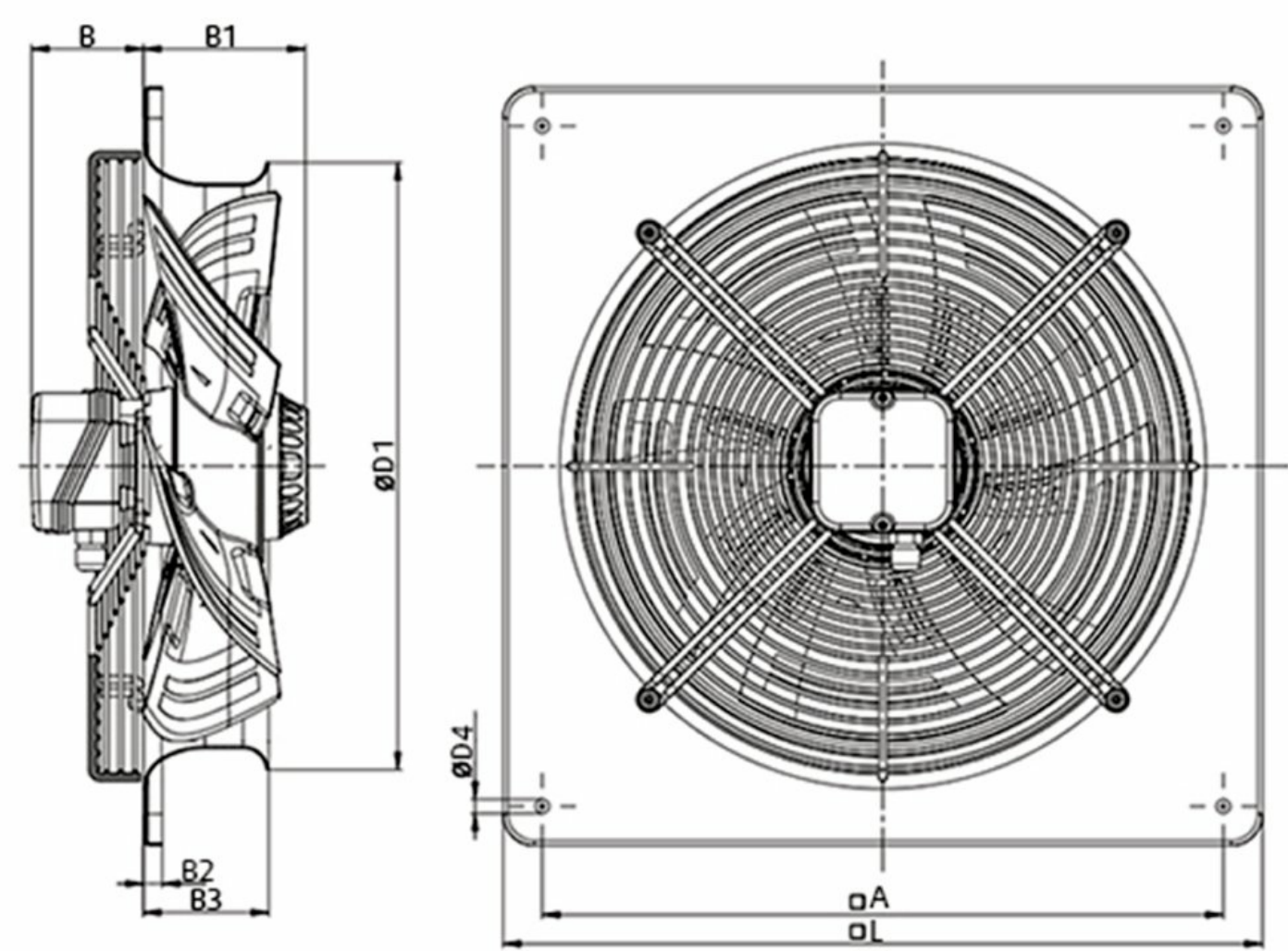
Norminal data		
Voltage (nominal)	400	V
Frequency	50	Hz
Phase(s)	3~	
Motor circuit connection	D; Y	
Input power	110	W
Input current	0.28	A
Impeller speed	1,365	r.p.m.
Air flow	max 2,390	m³/h
Temperature of transported air	max 60	°C
Max temperature of transported air, when speed controlled	60	°C
Sound data		
Sound pressure level at 1m	62	dB(A)
Protection/Classification		
Enclosure class, motor	IP44	
Insulation class	F	
Dimensions and weights		
Weight	5.3	kg
Others		
Motor type	AC	

Performance curve



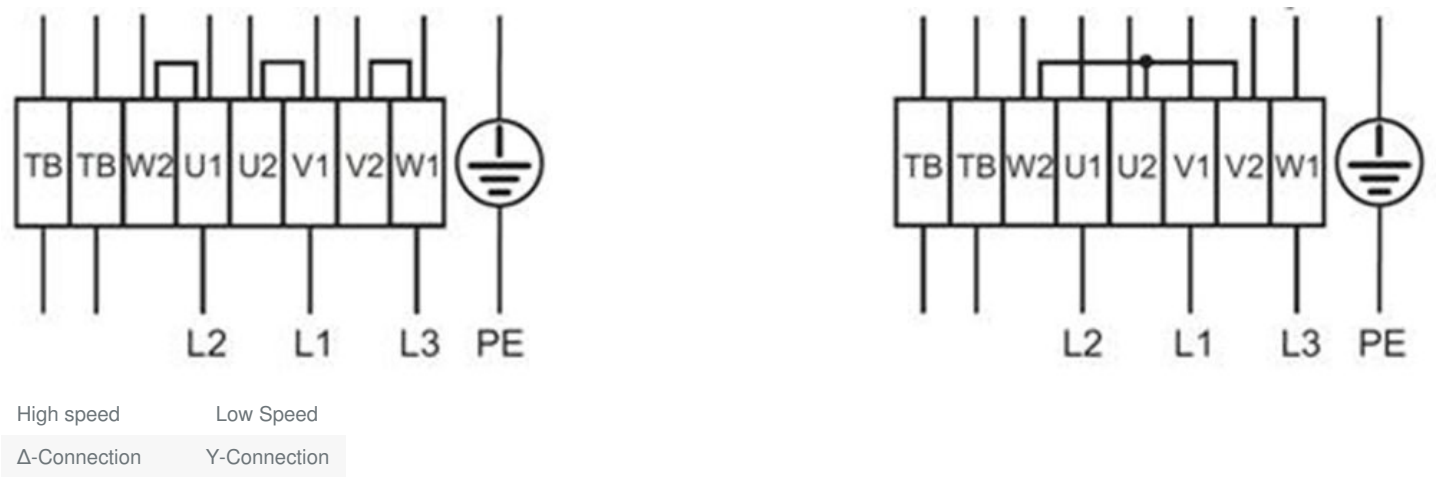
Hydraulic data	
Required air flow	1554 m³/h
Required static pressure	65 Pa
Working air flow	1555 m³/h
Working static pressure	65 Pa
Air density	1.204 kg/m³
Power	110.7 W
Fan control - RPM	1367 rpm
Current	0.27 A
SFP	0.256 kW/m³/s
Control voltage	400.0 V
Supply voltage	400 V

Dimension



	B	B1	ØD1	B2	B3	ØA	ØL	ØD4
AW 315DV sileo	79	83	345	11	73	380	430	9

Wiring



Accessories

- [AWE-SK Motorprotection 2A/230V \(5138\)](#)
- [REV-5POL/07 ON/OFF \(33980\)](#)
- [RTRD 2 Speed Cont. Systemair \(5941\)](#)
- [RTRDU 2 Speed contr. Systemair \(5945\)](#)
- [S-DT2SKT Two speed switch Y/D \(2697\)](#)
- [VK-30 Louvre shutter \(5641\)](#)

Documents

- [IMO - 37408 - AW 315DV SILEO.PDF](#)
- [EU_DECLARATION_OF_CONFORMITY_AXIAL_FANS_EN_003.PDF](#)
- [installation variations_2_AR_AW.pdf](#)

Specification

Axial fans of the AW sileo range do have a bionic shape of the fan blade, and are driven by external rotor motors. The AW range is equipped with a square wall plate, galvanized steel and powder coated in black (RAL9005). The protection guard at the inlet side is powder coated in black. The axial impeller with airfoil made out of electroplated steel plate is coated black. The impeller is balanced dynamically in accordance with DIN ISO 1940 part 1, quality G6.3. The motors are equipped with thermal contacts for motor protection, with leads to be connected to a motor protection unit, for example Systemair unit S-ET.