

AW 400DV-L SILEO AXIAL FAN

Description

- 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 black high efficiency composite material. 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

Voltage	400	V
Frequency	50	Hz
Phase	3	~
Connection	D	
Input power (P1)	260	W
Current	0,5	A
Max. airflow	1,22	m³/s
R.p.m.	1340	r.p.m.
Max. temperature of transported air	70	°C
Max. temperature of transported air when speed-controlled	70	°C
Sound pressure level at 1 m	67	dB(A)
Weight	8,7	kg
Insulation class	F	
Enclosure class, motor	IP54	

Accessories

Electric accessories

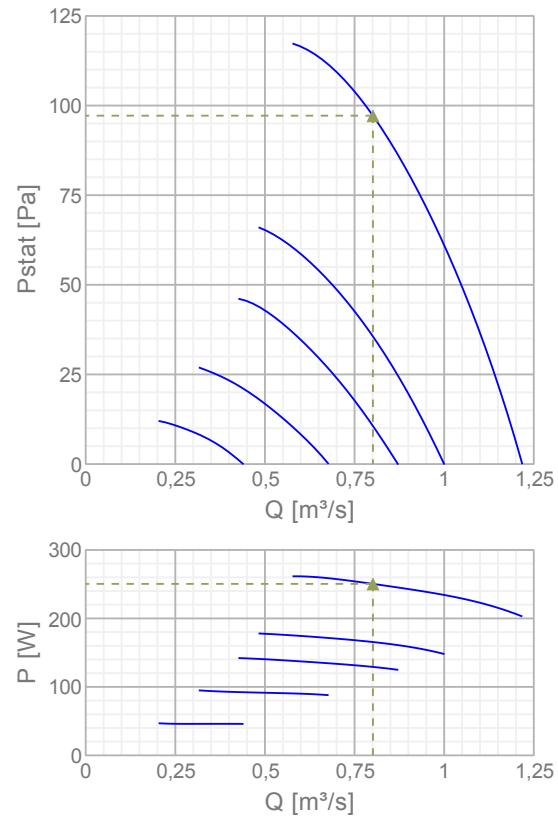
[RTRD 2 Speed Cont. Systemair \(5941\)](#)
[RTRDU 2 Speed contr. Systemair \(5945\)](#)
[S-DT2SKT Two speed switch Y/D \(2697\)](#)
[AWE-SK Motorprotection 2A/230V \(5138\)](#)
[STDT 16 Motor Protection \(5152\)](#)
[REV-5POL/07 ON/OFF \(33980\)](#)

Accessories

[VK-40 Louvre shutter \(5643\)](#)
[RAW 400/450 Roof Cowl c/w BG \(86511\)](#)
[SG AW-D BGr 040, RAL 9005 \(30601\)](#)

Diagrams

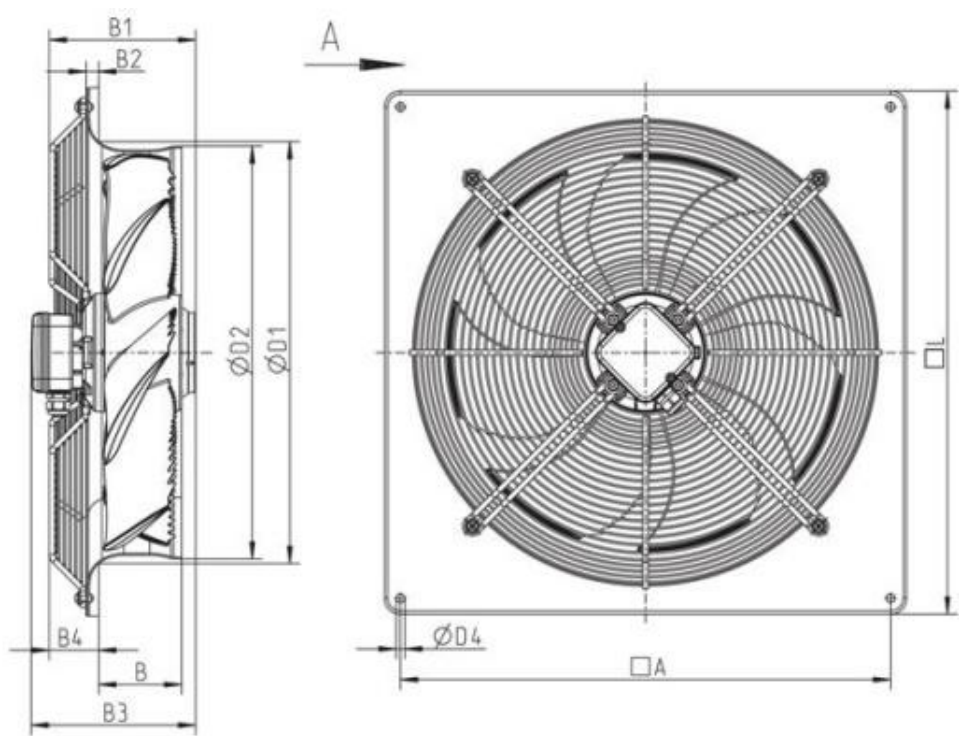
Diagrams



Max efficiency

Hydraulic data										
▲ Working air flow		0,801 m³/s								
▲ Working static pressure		97,2 Pa								
▲ Power		250 W								
Speed		1351 r.p.m.								
Current		0,482 A								
SFP		0,313 W/(l/s)								
Voltage		400 V								
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	23	37	49	58	66	69	66	56	72
Outlet	dB(A)	21	37	51	58	66	69	66	57	72

Dimensions



	□A	B	B1	B2	B3	B4	ØD1	ØD2	ØD4	□L
AW 400DV-L	490	88	146	12	182	54	420	412	9	540
AW 400E4-L	490	88	146	12	182	54	420	412	9	540

A = Air direction

Wiring



High speed Low Speed
Δ-Connection Y-Connection

Documentation

-  2015-01_EC-declaration of conformity Axial_DE-EN.pdf (100,49kB)
-  BAL-axial-sileo-Systemair-08-2013.pdf (244,69kB)
-  IMO_MUB_141026_DE,EN,SE,DK,ES,RU_001_311722_web.pdf (2,95MB)

Specification text

The box with a quadratic wall plate made out of electroplated steel plate is powder- coated and black. The protection guard is included. The fan can be installed in each fitting position. The axial impeller with airfoil made out of electroplated steel plate is coated black. The actuation is carried out by a maintenance- free, speed- controlled external rotor motor. The fan is speed- controllable by a thyristor or a transformer alternatively at a 400V- Construction a 2- stepped operation trough a D/Y- Connection is also possible. For protecting the motor integrated thermostat relays with completed lines to a motor protection device are built in. . For annealing the motor is situated in the air flow. Impeller according to VDI 2060, quality category Q6,3 and dynamically weigh heavy in to levels