AW 500E4 sileo Axial fan

Item no. 37412

Version: 60 Hz

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

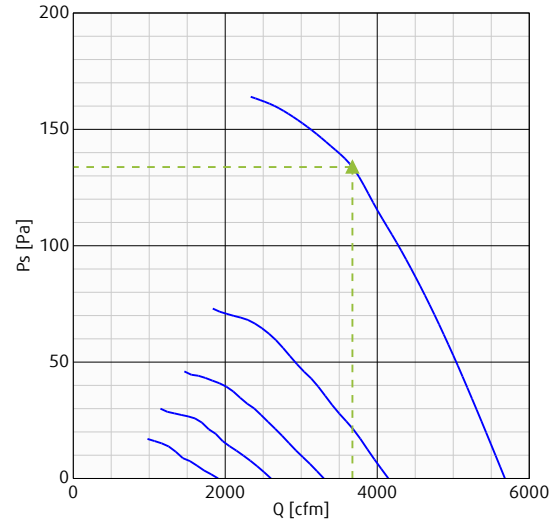
Axial fans of the AW sileo range do have a bionic shape of the fan blade, and are driven by external rotor motors. The AW range is equipped with a square wall plate made from galvanized steel and a protection guard at the inlet side and is completely painted in black (RAL9005). The axial impeller is 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, for example Systemair unit S-ET.

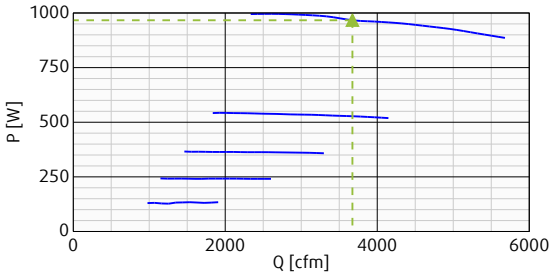
Technical parameters

Default group		
Voltage	230	V
Frequency	60	Hz
Phase	1	~
Input power (P1)	996	W
Current	4.34	A
Max. airflow	5681	cfm
Fan impeller speed	1264	r.p.m.
Max. temperature of transported air	65	°C
Max. temperature of transported air when voltage-controlled	65	°C
Sound pressure level at 1 m	69	dB(A)
Weight	20	kg
Insulation class	F	
Enclosure class, motor	54	IP
Capacitor	16	µF

Performance

Performance



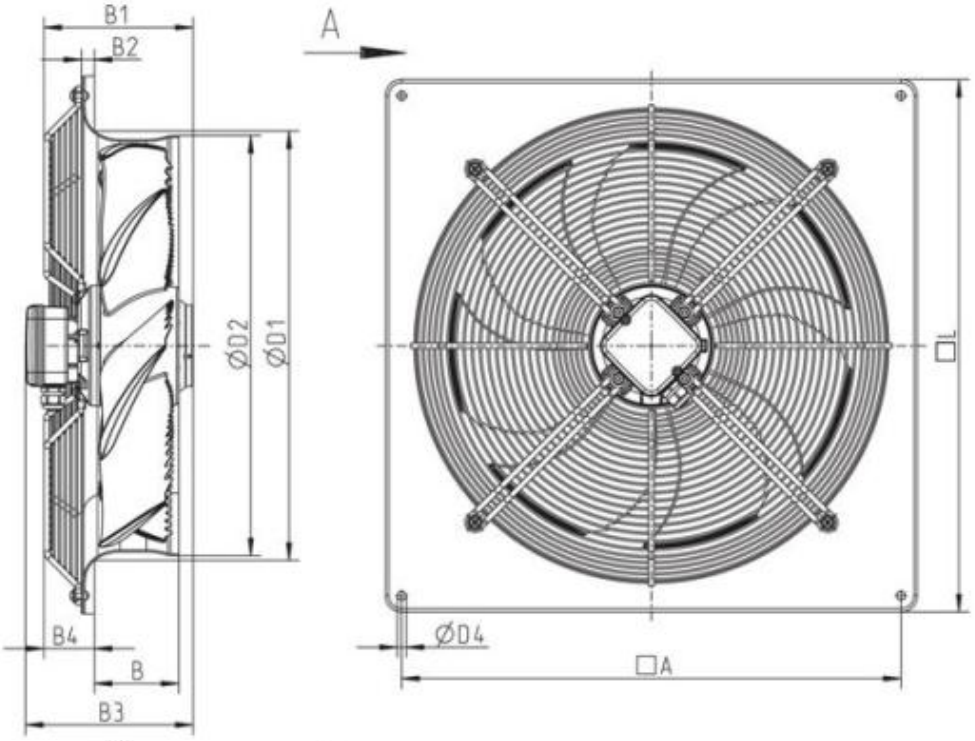


Max efficiency

Hydraulic data		
Air flow	3673	cfm
Static pressure	134	Pa
Power	967	W
Speed	1305	r.p.m.
Current	4.22	A
SFP	0.558	kW/(m³/s
Voltage	230	V

Acoustic data		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	14	31	39	47	53	53	51	43	58
Outlet	dB(A)	12	32	41	48	53	54	50	44	58

Dimensions



	□A	B	B1	B2	B3	B4	ØD1	ØD2	ØD4	□L
AW 500DV	615	104	204	16	226	64	531	517	11	655
AW 500E4	615	104	204	16	226	62	531	517	11	655

A = Air direction

Sections not printed

Wiring
Accessories
Specification text
Online resources