

KARTA KATALOGOWA

W2E250-CM06-01

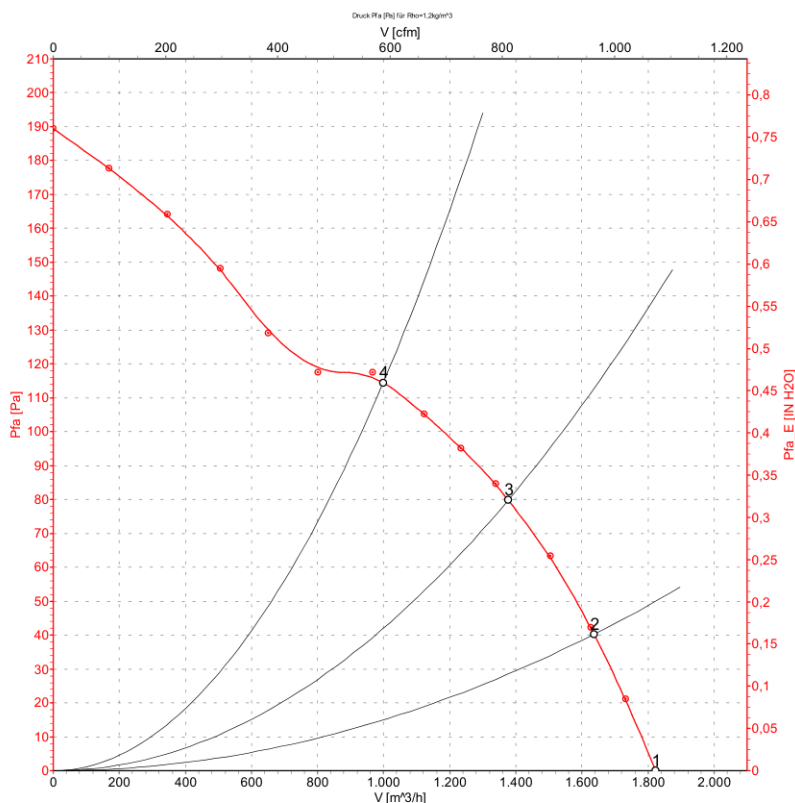
Wentylator osiowy AC w pierścieniu z pełną dyszą wlotową,
łopatki sierpowe (seria S)

Producent: ebm-papst

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica wirnika	250 mm
Częstotliwość	50/60 Hz	Liczba łopatek	9
Prędkość obrotowa	2450 / 2600 obr/min	Łopatki	stal, czarne
Pobór mocy	115 / 150 W	Stopień ochrony	IP44
Pobór prądu	0,51 / 0,66 A	Klasa izolacji	B
Wydajność (swobodny wypływ)	1820 / 1970 m³/h	Poziom ciśnienia akust.	69 / 71 dB(A)
Maks. przeciwnieśnienie	120 / 85 Pa	Masa	1,9 kg
Maks. temp. otoczenia	+65 / +50 °C		

Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Dane na podstawie karty producenta ebm-papst (oryginał na kolejnych stronach).
Wartości dla 50 Hz / 60 Hz; producent zastrzega możliwość zmian.

Dobór, wycena i dostawa – zapytaj LUFTBERG

tel. +48 600 100 371 · tel. +48 604 959 199
biuro@luftberg.pl · www.luftberg.pl

W2E250-CM06-01

AC axial fan with full round nozzle sickled blades (S series)

ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2

74673 Mulfingen

Phone: +49 7938 81-0

Fax: +49 7938 81-110

www.ebmpapst.com
info1@de.ebmpapst.com
Nominal data

Type	W2E250-CM06-01		
Motor	M2E068-CF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	2450	2600
Power input	[W]	115	150
Current draw	[A]	0.51	0.66
Motor capacitor	[μF]	3	3
Capacitor voltage	[VDB]	400	400
Capacitor standard		P0 (CE)	P0 (CE)
Max. back pressure	[Pa]	120	85
Max. ambient temperature	[°C]	65	50
Air flow	[m ³ /h]	1820	1970
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	69	71

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
 Subject to alterations

W2E250-CM06-01

AC axial fan with full round nozzle sickled blades (S series)

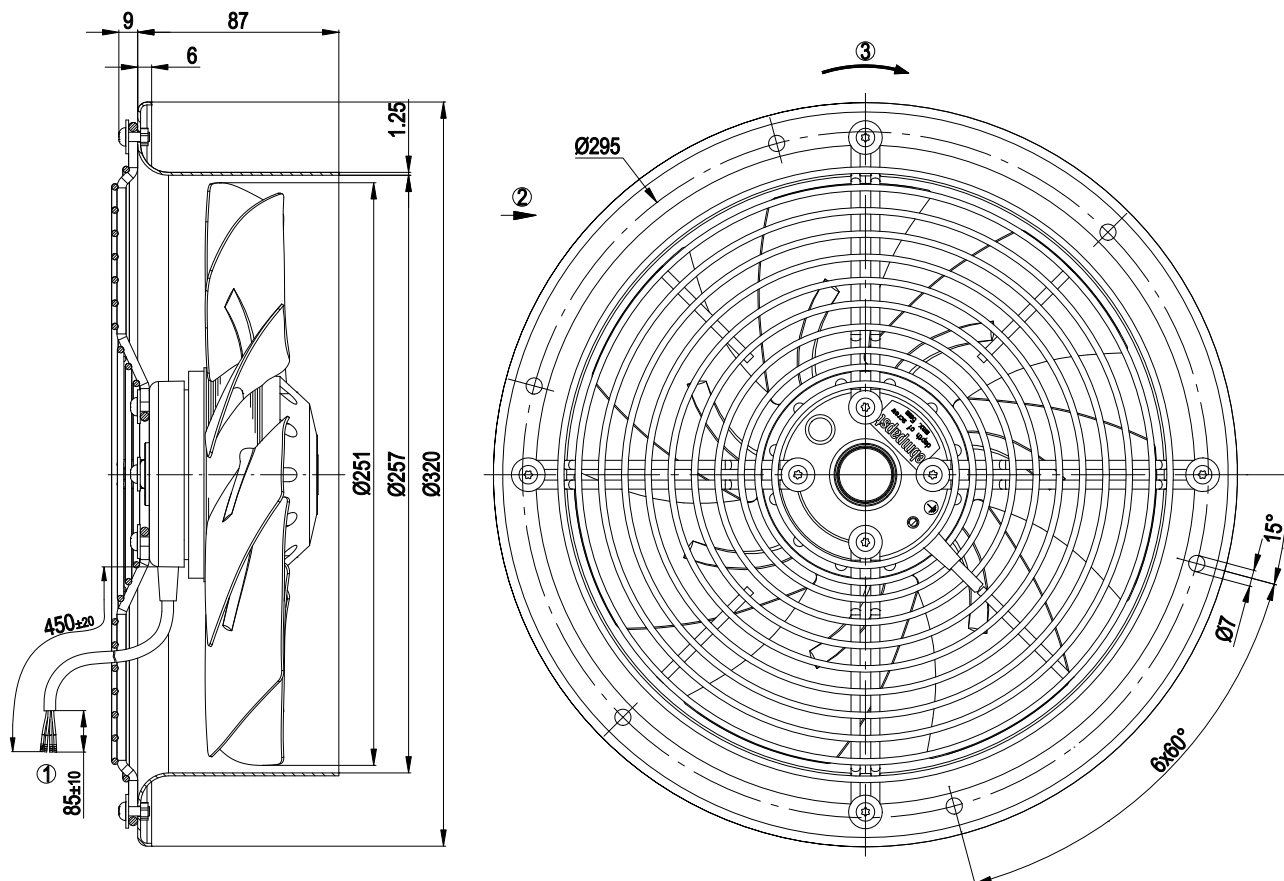
Technical features

Leackage current	< 0,75 mA
Size	250 mm
Operation mode	S1
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Direction of rotation	Counter-clockwise, seen on rotor
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	Rotor-side
Bearing-motor	Ball bearing
Mass	1.9 kg
Material of blades	Sheet steel, coated in black
Material of guard grille	Steel, phosphated and coated in black plastic
Material of wall ring	Sheet steel, pre-galvanized and coated in black plastic
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Coated in black
Number of blades	9
Type of protection	IP 44
Protection class	I
Approval	CCC; GOST

W2E250-CM06-01

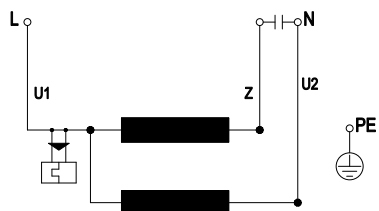
AC axial fan with full round nozzle sickled blades (S series)

Product drawing



- | | |
|---|--|
| 1 | Connection line PVC, 4x brass lead tips crimped |
| 2 | Direction of air flow "A" |
| 3 | Direction of rotation counter-clockwise, seen on rotor |

Connection screen



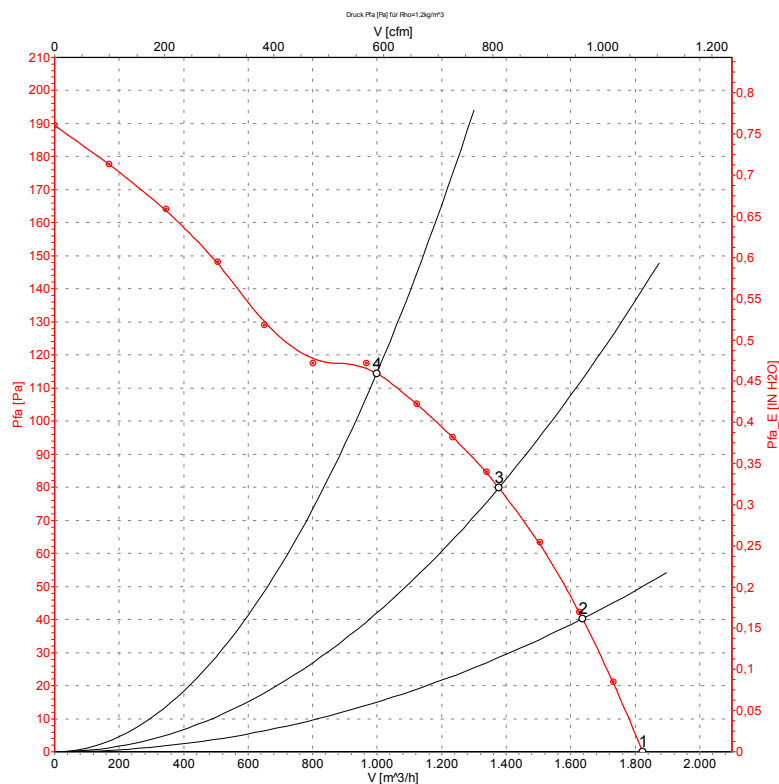
U1	blue	Z	brown	U2	black
PE	green/yellow				

W2E250-CM06-01

AC axial fan

with full round nozzle
sickled blades (S series)

Charts: Air flow 50 Hz



Measured values

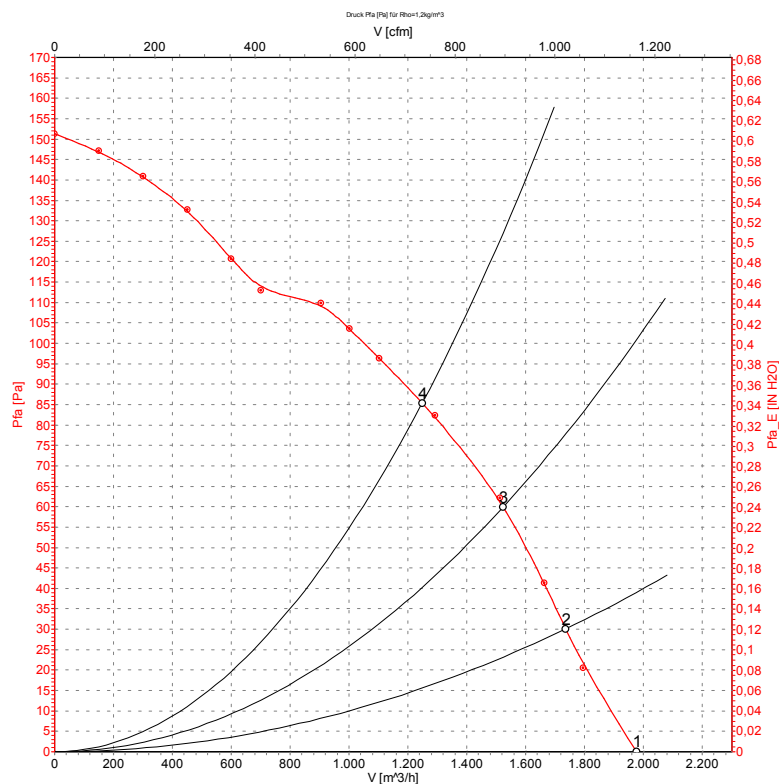
	U	f	n	P ₁	I	$\dot{V}$	P _{ta}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	2450	115	0.51	1820	0
2	230	50	2420	120	0.52	1635	40
3	230	50	2335	128	0.56	1375	80
4	230	50	2270	134	0.58	1000	115

W2E250-CM06-01

AC axial fan with full round nozzle

sickled blades (S series)

Charts: Air flow 60 Hz



Measured values

	U	f	n	P_1	I	$\dot{V}$	P_{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	60	2600	150	0.66	1970	0
2	230	60	2525	156	0.68	1735	30
3	230	60	2415	160	0.70	1525	60
4	230	60	2300	164	0.71	1250	85