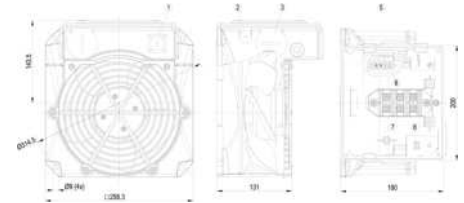


KARTA KATALOGOWA

W2D210-EB10-12

Wentylator osiowy AC, łopatki proste (seria A)

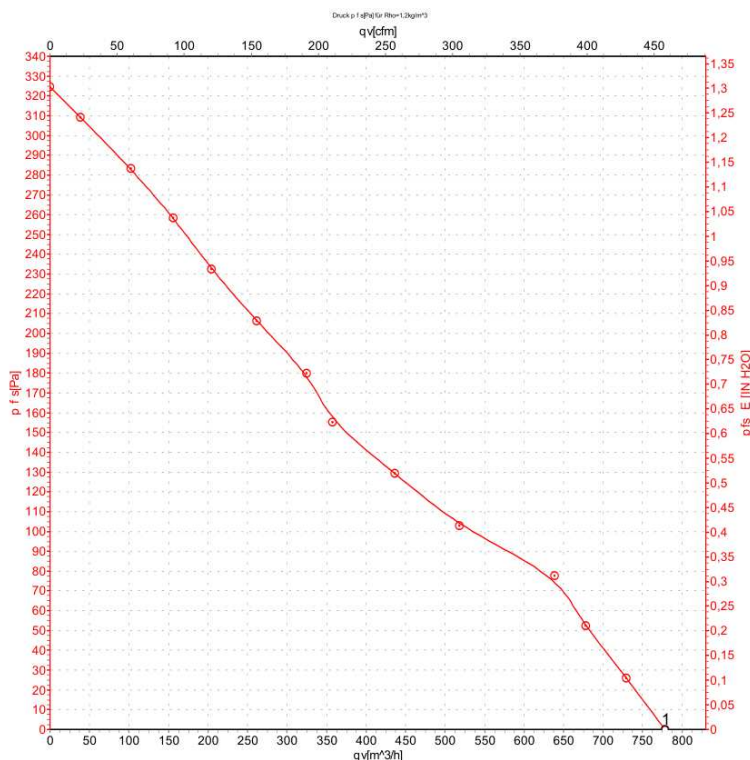
Producent: ebm-papst



Dane znamionowe		Budowa	
Napięcie znamionowe	3~ 400 / 480 V	Wielkość	210 mm
Połączenie	Y	Silnik	M2D068-CF
Częstotliwość	50 / 60 Hz	Materiał wirnika	blacha stalowa malowana na czarno
Prędkość obrotowa	2750 / 3250 obr/min	Obudowa	odlew aluminiowy malowany na czarno
Pobór mocy	89 / 140 W	Kratka ochronna	odlew aluminiowy; stal fosforanowana, powlekana czarnym tworzywem (RAL 9005)
Pobór prądu	0,26 / 0,27 A	Liczba łopatek	5
Temperatura otoczenia	min. -25 °C	Kierunek obrotów	w lewo, patrząc na wirnik
		Stopień ochrony	IP44
		Klasa izolacji	F
		Łożyskowanie	kulkowe
		Masa	5,4 kg

Charakterystyka przepływowa (50 Hz)

Curves: Air performance 50 Hz



Measurement: LU-43914-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Dane na okładce wg karty katalogowej producenta ebm-papst (oryginał na kolejnych stronach).
Wartości wg specyfikacji klienta; producent zastrzega możliwość zmian.

Dobór, wycena i dostawa – zapytaj LUFTBERG

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W2D210-EB10-12

AC axial fan
straight blades (A series)

ebm-papst Mulfingen GmbH & Co. KG
Bachmühle 2 · D-74673 Mulfingen
Phone +49 7938 81-0
Fax +49 7938 81-110
info1@de.ebmpapst.com
www.ebmpapst.com

Nominal data

Type	W2D210-EB10-12		
Motor	M2D068-CF		
Phase		3~	3~
Nominal voltage	VAC	400	480
Wiring		Y	Y
Frequency	Hz	50	60
Method of obtaining data		cs	cs
Valid for approval/standard		CE	CE
Speed (rpm)	min ⁻¹	2750	3250
Power consumption	W	89	140
Current draw	A	0.26	0.27
Min. ambient temperature	°C	-25	-25
Max. ambient temperature	°C	-	-

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



W2D210-EB10-12

AC axial fan

straight blades (A series)

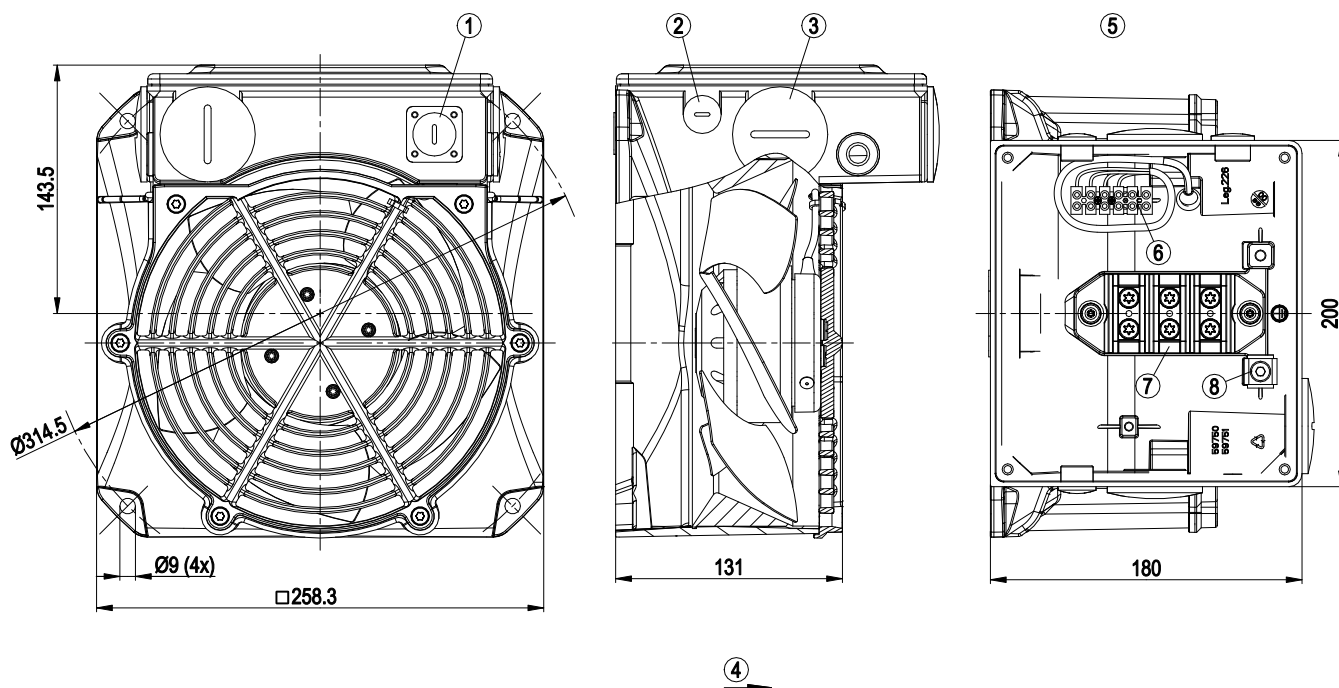
Technical description

Weight	5.4 kg
Size	210 mm
Motor size	68
Rotor surface	Painted black
Blade material	Sheet steel, painted black
Housing material	Die-cast aluminum, painted black
Guard grille material	Die-cast aluminum; steel, phosphated and coated with black plastic (RAL 9005)
Number of blades	5
Airflow direction	V; BS-AS
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent as per EN 60034-5
Insulation class	"F"
Moisture (F) / Environmental (H) protection class	H1+; F2-2
Max. permitted ambient temp. for motor (transport/storage)	+ 60 °C
Min. permitted ambient temp. for motor (transport/storage)	- 15 °C
Installation position	Shaft horizontal
Condensation drainage holes	On rotor side
Mode	S1
Motor bearing	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
With cable	Lateral
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1; CE
Approval	UL 1004-1; CSA C22.2 No. 100

W2D210-EB10-12

AC axial fan straight blades (A series)

Product drawing

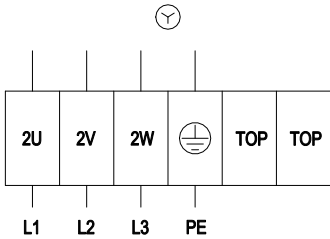


1	Screw plug PG 13.5 (3x); tightening torque 1.9 Nm
2	Screw plug PG 11 (2x); tightening torque 1.9 Nm
3	Screw plug PG 36 (3x), tightening torque 3.9 Nm
4	Direction of air flow "V", AS-BS
5	Shown without housing cover
6	Terminal strip
7	Connection board for customer
8	PE

W2D210-EB10-12

AC axial fan
straight blades (A series)

Connection diagram



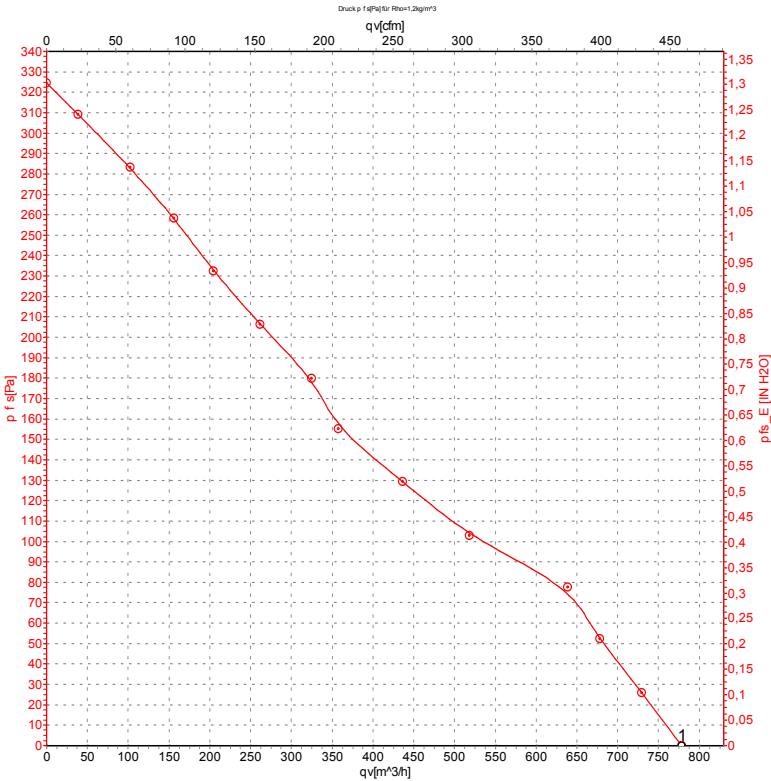
Y	Star connection, three-phase motor
L1	blue
L2	black
L3	brown
PE	green/yellow
TOP	not used



W2D210-EB10-12

AC axial fan
straight blades (A series)

Curves: Air performance 50 Hz



Measurement: LU-43914-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Measured values

	U	f	n	P _e	I	q _v	q _v	P _f s
	V	Hz	min ⁻¹	W	A	m³/h	cfm	in. wg
1	400	50	2750	89	0.26	780	460	0.00

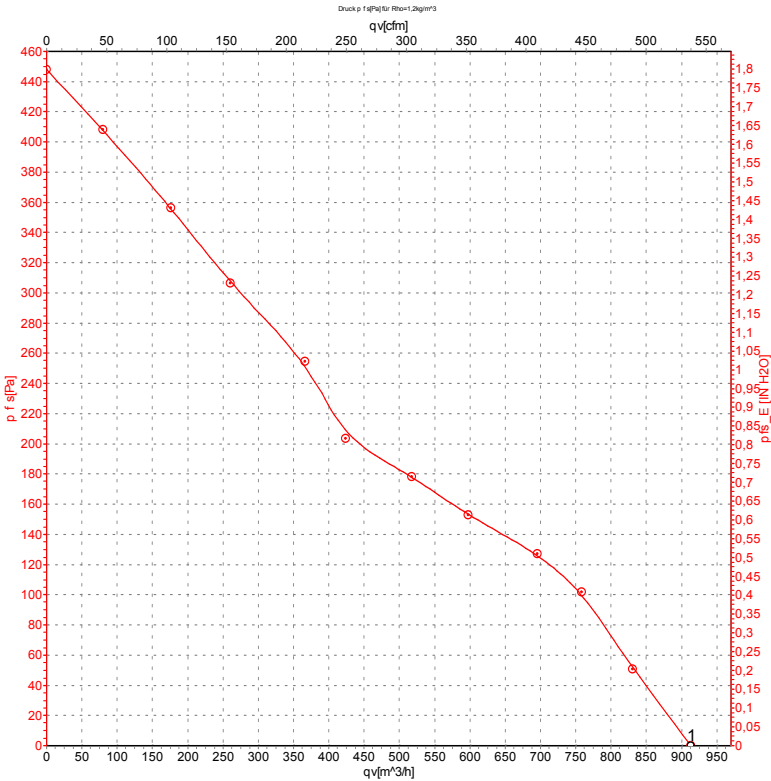
U = Voltage · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · q_v = Air flow



W2D210-EB10-12

AC axial fan
straight blades (A series)

Curves: Air performance 60 Hz



Measurement: LU-42528-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Measured values

	U	f	n	P _e	I	q _v	q _v	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	cfm	in. wg
1	480	60	3250	130	0.27	915	535	0.00

U = Voltage · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · q_v = Air flow

