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Nominal data

Type	W2E200-HH86-01		
Motor	M2E068-BF		
Phase		1~	1~
Nominal voltage	[V]	115	115
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	2550	2800
Power input	[W]	64	80
Current draw	[A]	0.58	0.70
Motor capacitor	[μF]	5	5
Capacitor voltage	[VDB]	220	220
Capacitor standard		P0 (CE)	P0 (CE)
Max. back pressure	[Pa]	100	120
Max. ambient temperature	[°C]	60	65

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

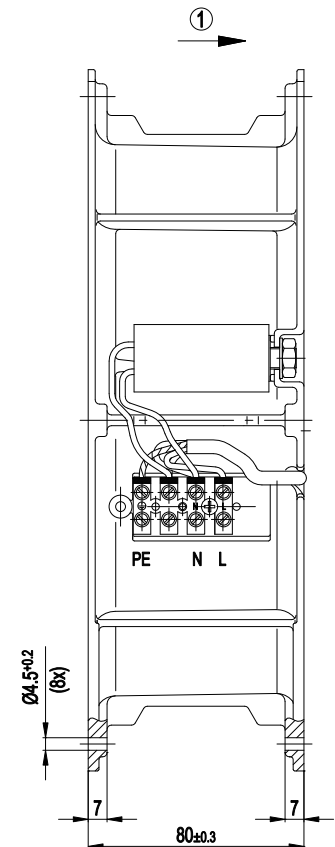
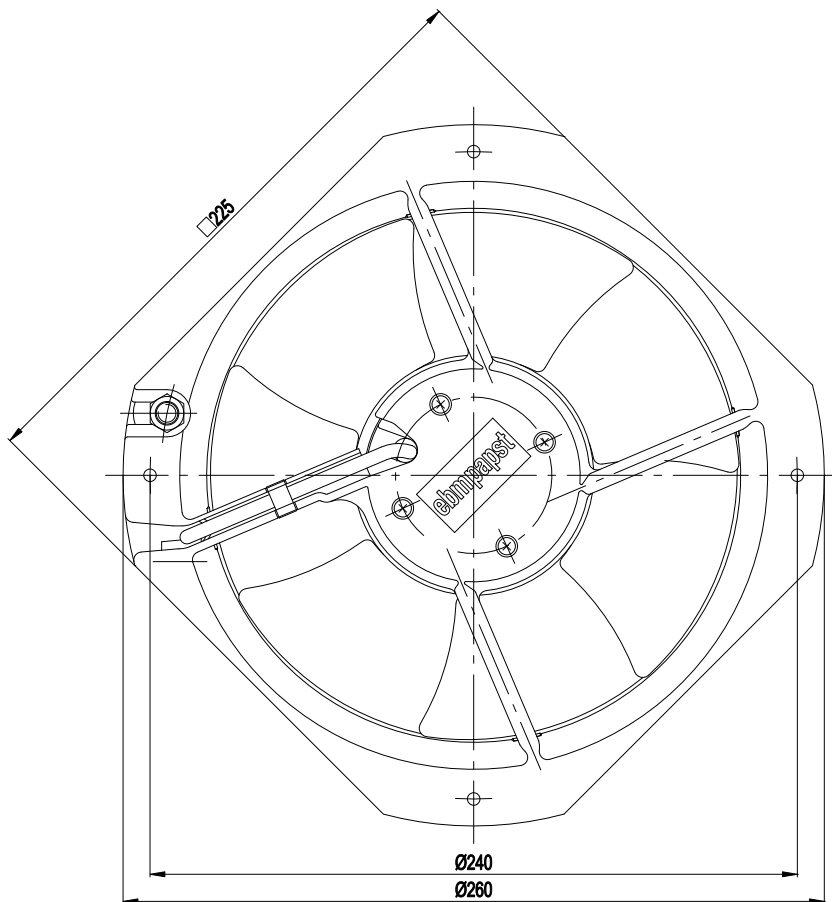
Technical features

Leakage current	< 0.75 mA
Size	200 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Electrical leads	Via terminals, capacitor connected via terminals
Humidity class	F0
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	2.1 kg
Material of blades	Sheet steel, coated in black
Material of wall ring	Die-cast aluminium
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE
Surface of rotor	Coated in black
Number of blades	9
Type of protection	IP 44; Depending on installation and position
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC; CSA C22.2 Nr.113; GOST; UL 507; VDE

AC axial compact fan

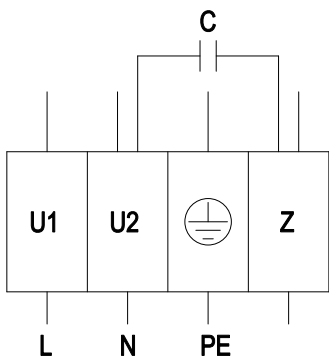
sickled blades (S series)

Product drawing



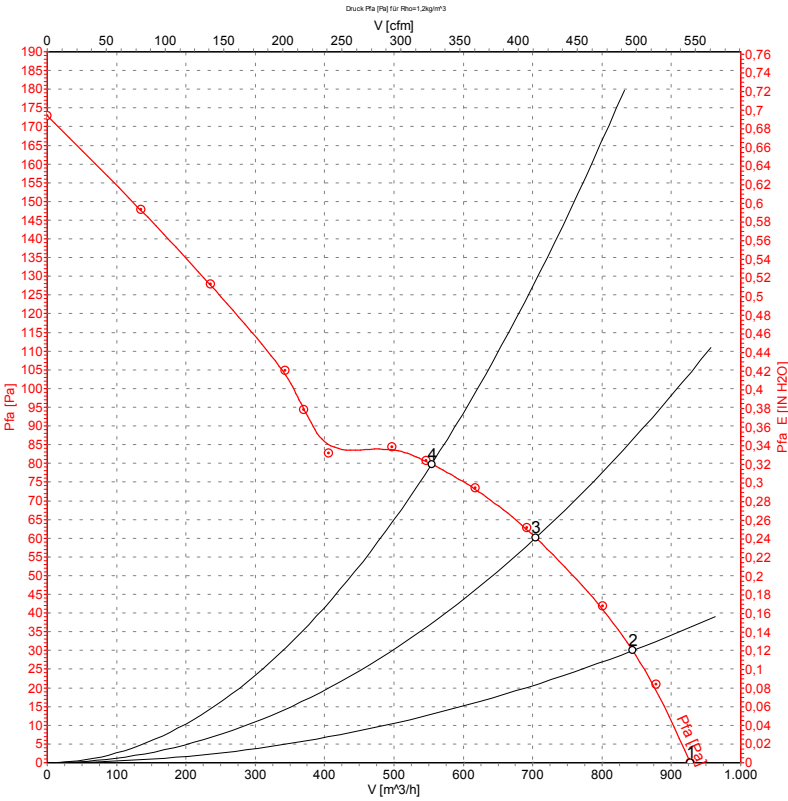
1 Direction of air flow "V"

Connection screen



PE	green/yellow	U1	blue	U2	black
Z	brown				

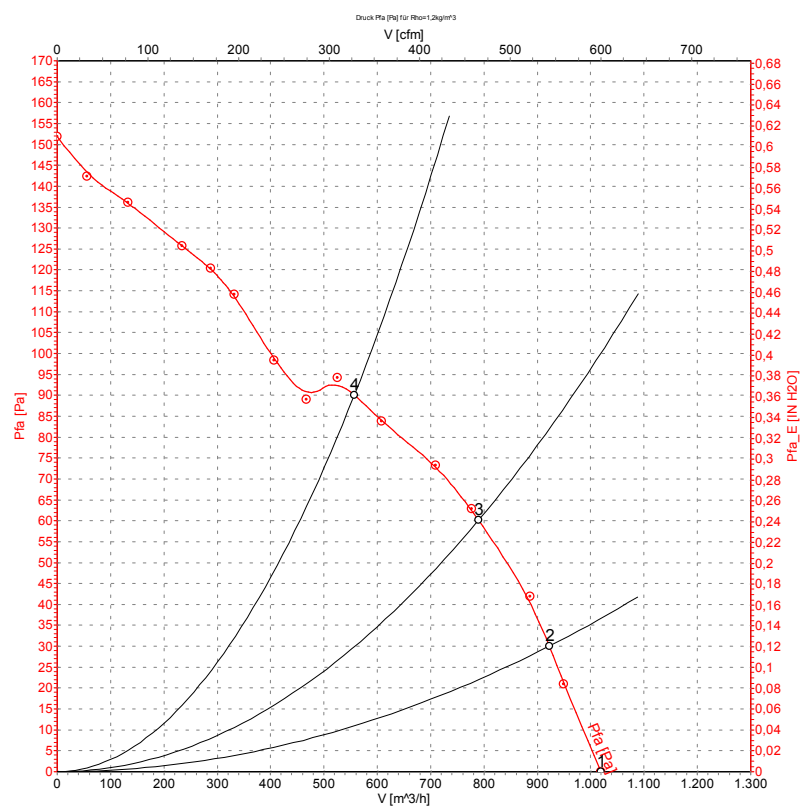
Charts: Air flow 50 Hz



Measured values

	U	f	n	P ₁	I	$\hat{V}$	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m ³ /h]	[Pa]
1	115	50	2550	64	0.58	925	0
2	115	50	2520	64	0.59	845	30
3	115	50	2450	67	0.61	705	60
4	115	50	2400	70	0.63	555	80

Charts: Air flow 60 Hz



Measurement: LU-57315

Measured values

	U	f	n	P ₁	I	$\dot{V}$	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	115	60	2800	80	0.70	1020	0
2	115	60	2715	81	0.70	920	30
3	115	60	2620	85	0.73	790	60
4	115	60	2500	87	0.76	555	90