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Nominal data

Type	W2E200-HH38-06			
Motor	M2E068-BF			
Phase		1~	1~	1~
Nominal voltage	V	230	230	230
Frequency	Hz	50	60	60
Type of data definition		rfa	rfa	rfa
Valid for approval / standard		CE	CE	UL 2111
Speed	min ⁻¹	2550	2800	2800
Power input	W	64	80	85
Current draw	A	0.29	0.35	0.36
Motor capacitor	μF	1.5	1.5	1.5
Capacitor voltage	VDB	450	450	450
Max. back pressure	Pa	100	120	120
Max. ambient temperature	°C	60	65	65

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

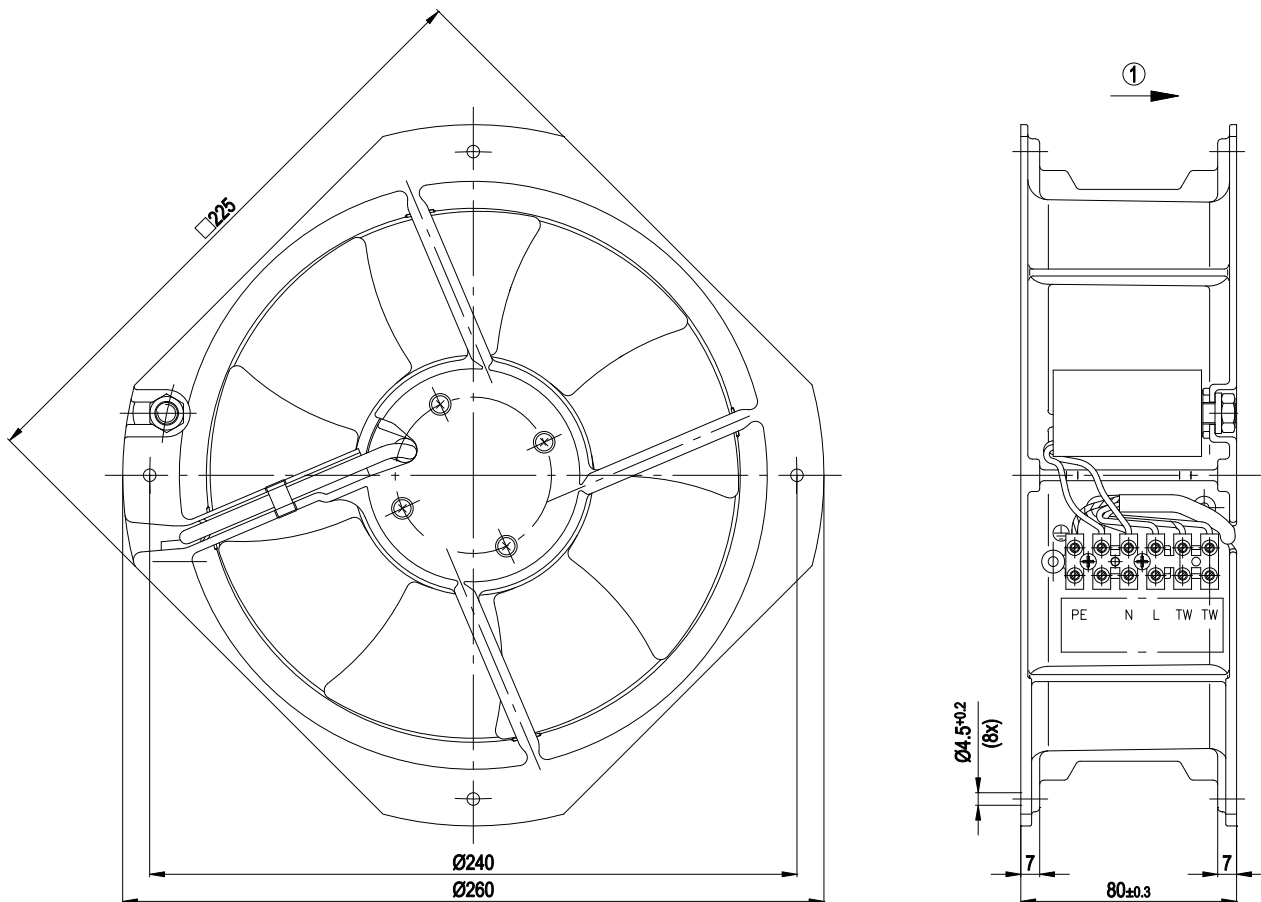
Technical features

Leakage current	< 0.75 mA
Size	200 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	None
Motor bearing	Ball bearing
Mass	2.2 kg
Material of blades	Sheet steel, coated in black
Material of wall ring	Die-cast aluminium, coated in black
Motor protection	Thermal overload protector (TOP) brought out
Product conforming to standard	CE; EN 60335-1
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

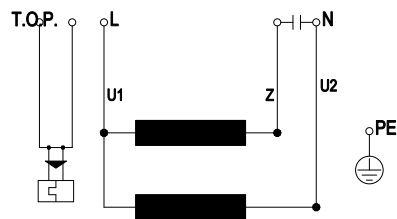
sickled blades (S series)

Product drawing



1 Direction of air flow "V"

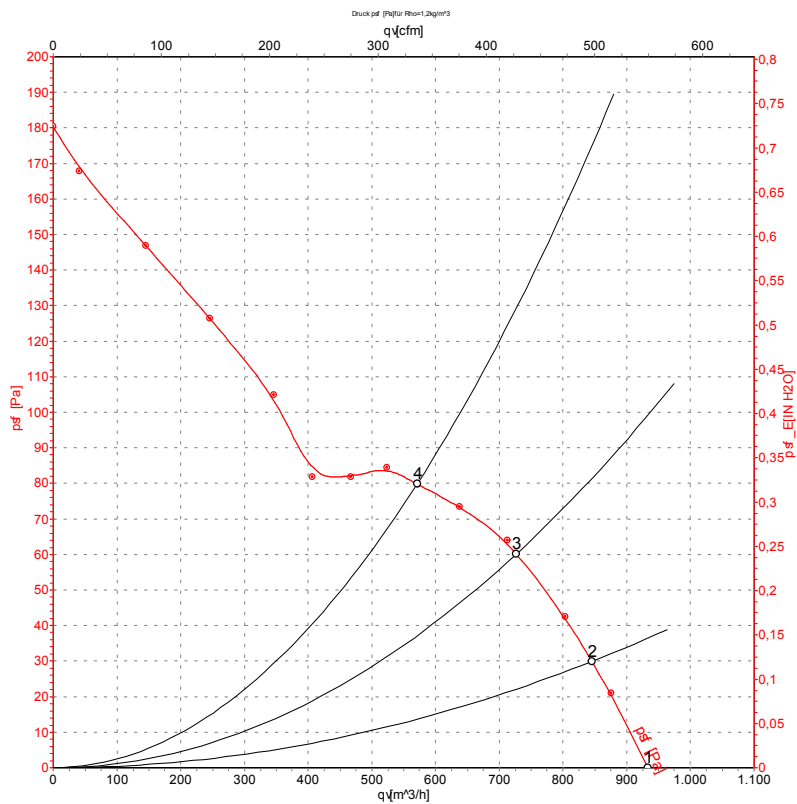
Connection screen



Note: TOP brought out

TOP	2 x white	U1	blue	Z	brown
U2	black	PE	green/yellow		

Charts: Air flow 50 Hz



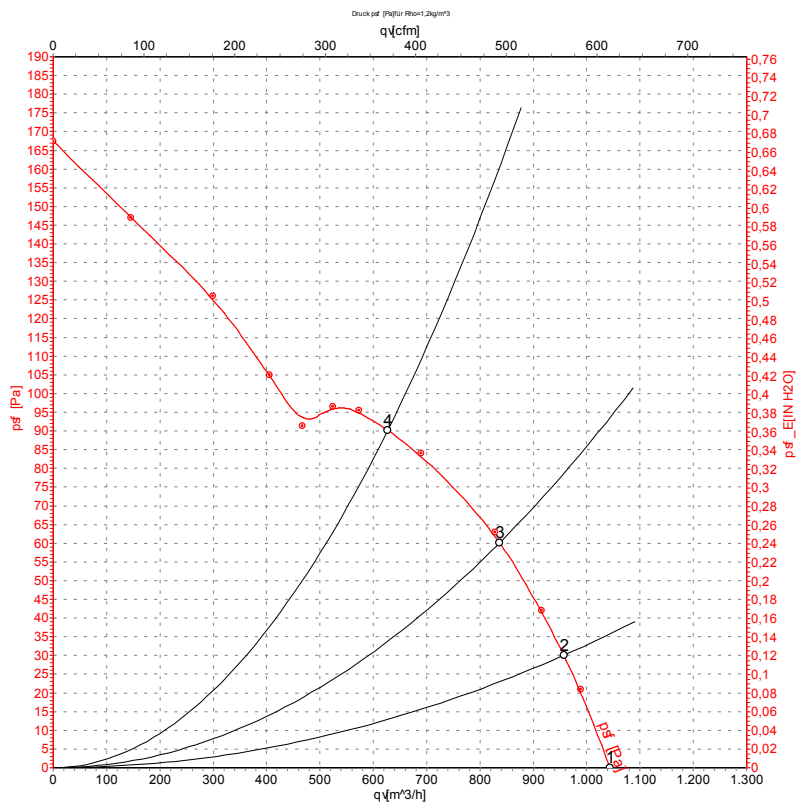
Measurement: LU-57318

Air performance measured as per ISO 5801 Installation Category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: L_{WA} measured as per ISO 13347 / L_{pA} measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Measured values

	U	f	n	P ₁	I	q _v	p _{st}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	50	2550	64	0.29	935	0
2	230	50	2500	67	0.32	845	30
3	230	50	2450	70	0.32	725	60
4	230	50	2410	72	0.33	570	80

Charts: Air flow 60 Hz



Measurement: LU-57319

Air performance measured as per ISO 5801 Installation Category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: L_{wA} measured as per ISO 13347 / L_{pA} measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Measured values

	U	f	n	P ₁	I	qv	p _{st}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	60	2850	80	0.35	1045	0
2	230	60	2775	81	0.35	955	30
3	230	60	2685	84	0.37	835	60
4	230	60	2575	88	0.38	625	90