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Nominal data

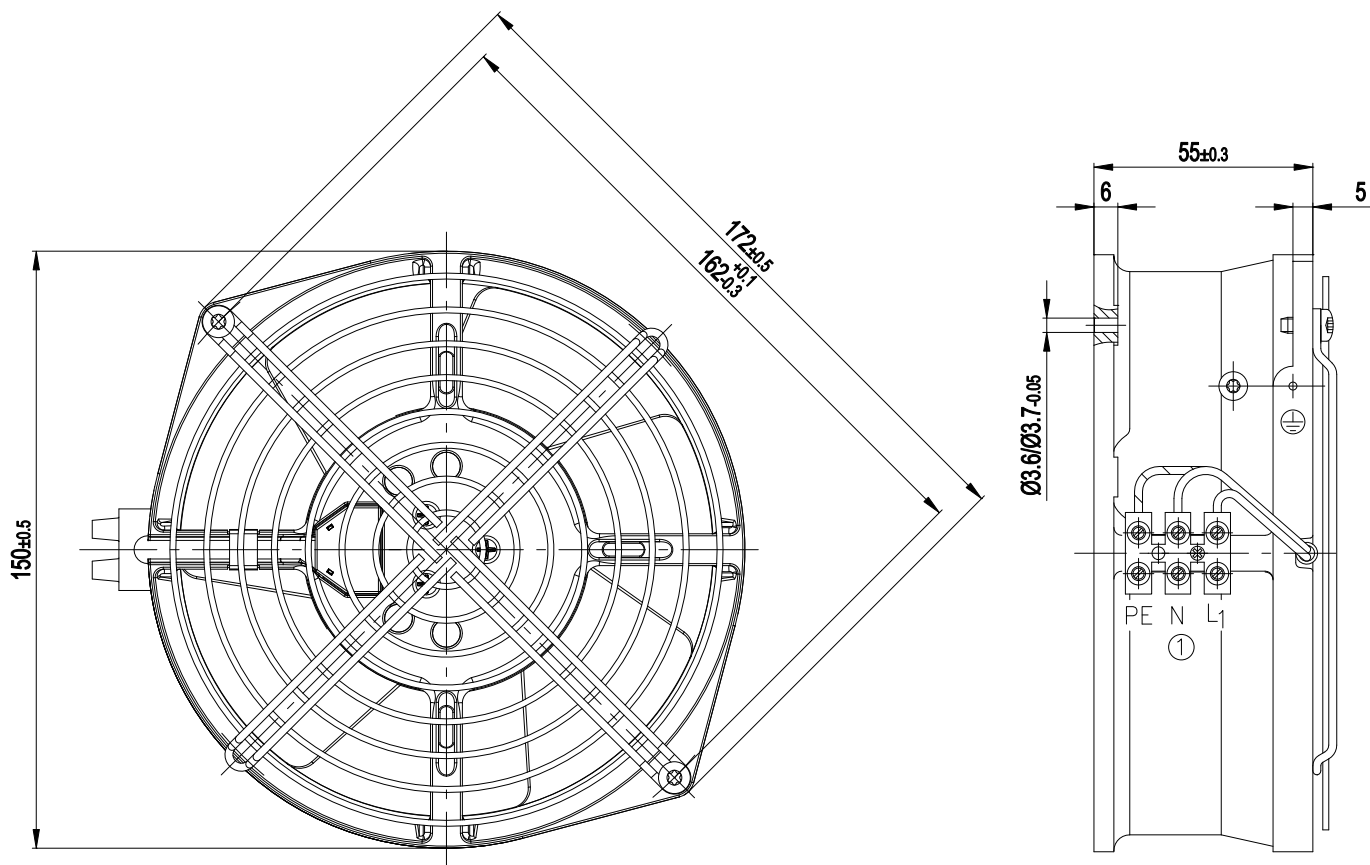
Type	W2S130-AA75-A2		
Motor	M2S052-CA		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	UL 2111
Speed	[min ⁻¹]	2350	2300
Power input	[W]	30	33
Current draw	[A]	0.19	
Max. ambient temperature	[°C]	80	85

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

Technical features

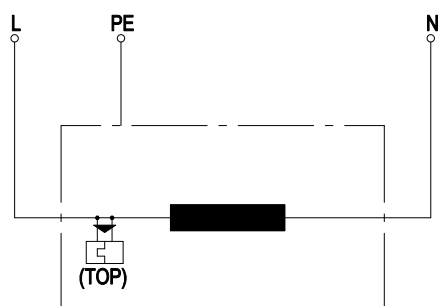
Leakage current	< 0.75 mA
Size	130 mm
Operation mode	S1
Direction of rotation	"V"
Mounting position	Any
Insulation class	"B"
Condensate discharge holes	None
Motor bearing	Ball bearing
Mass	1.1 kg
Material of blades	Sheet steel, coated in black
Material of guard grille	Steel, phosphated and coated in black plastic
Material of wall ring	Die-cast aluminium
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	7
Type of protection	IP 20
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.77; UL 2111

Product drawing



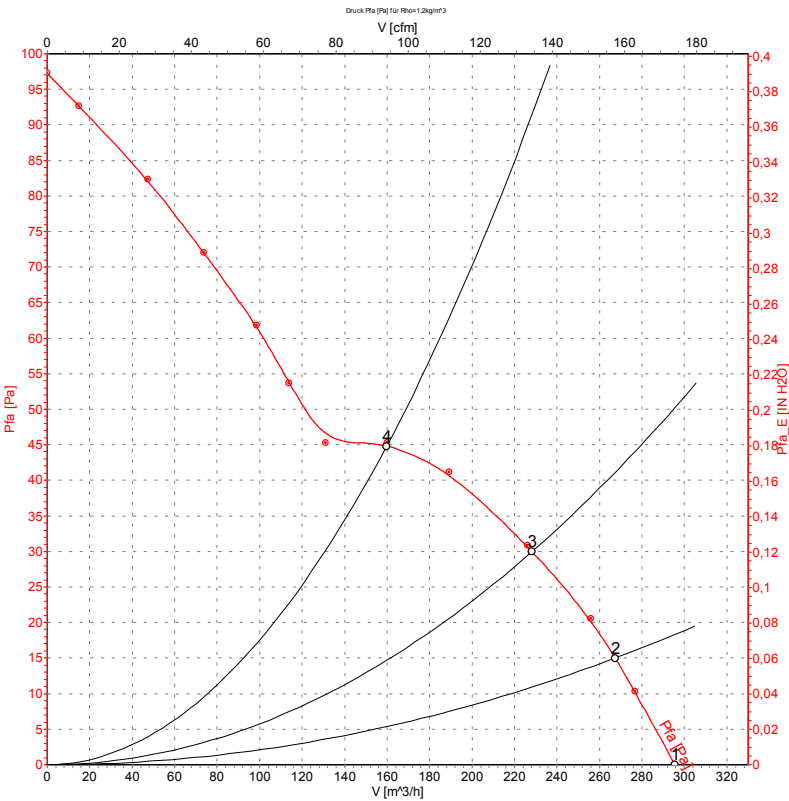
1 Connection: terminal strip with 3 terminals.

Connection screen



L	black
N	black
PE	green/yellow
TOP	Thermal overload protector

Charts: Air flow 50 Hz



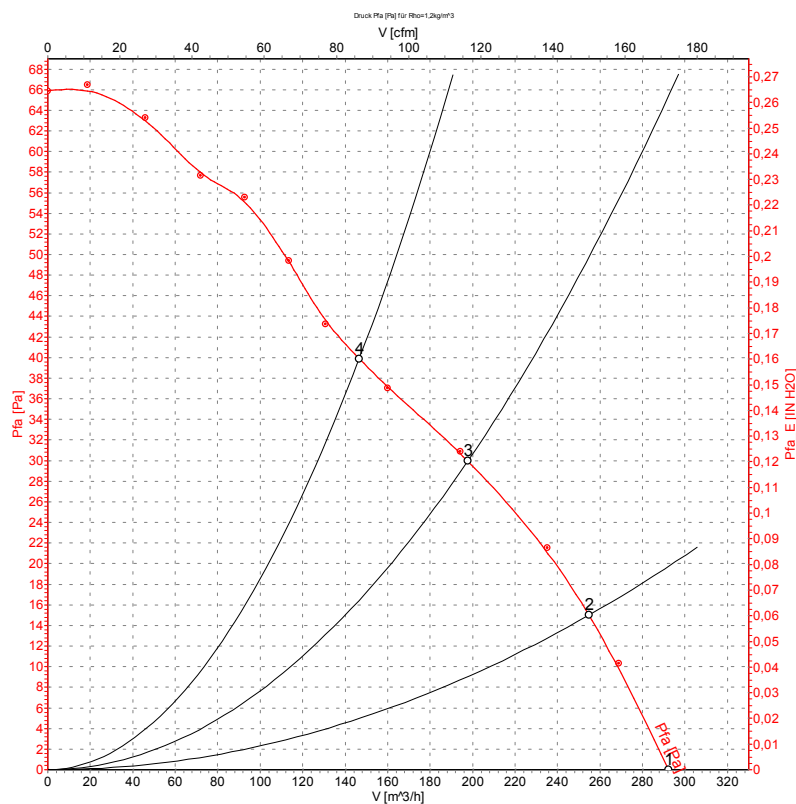
Measurement: LU-32925

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: LwA measured as per ISO 13347 / LpA 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	Ṽ	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	2430	30	0.19	295	0
2	230	50	2385	30	0.18	265	15
3	230	50	2340	30	0.19	230	30
4	230	50	2335	30	0.19	160	45

Charts: Air flow 60 Hz



Measurement: LU-32926

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: LwA measured as per ISO 13347 / LpA 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	$\dot{V}$	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	60	2400	33	0.16	290	0
2	230	60	2290	33	0.16	255	15
3	230	60	2165	33	0.17	200	30
4	230	60	2205	33	0.17	145	40