

W4S200-HK04-01

AC axial compact fan

sickled blades (S series)



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Nominal data

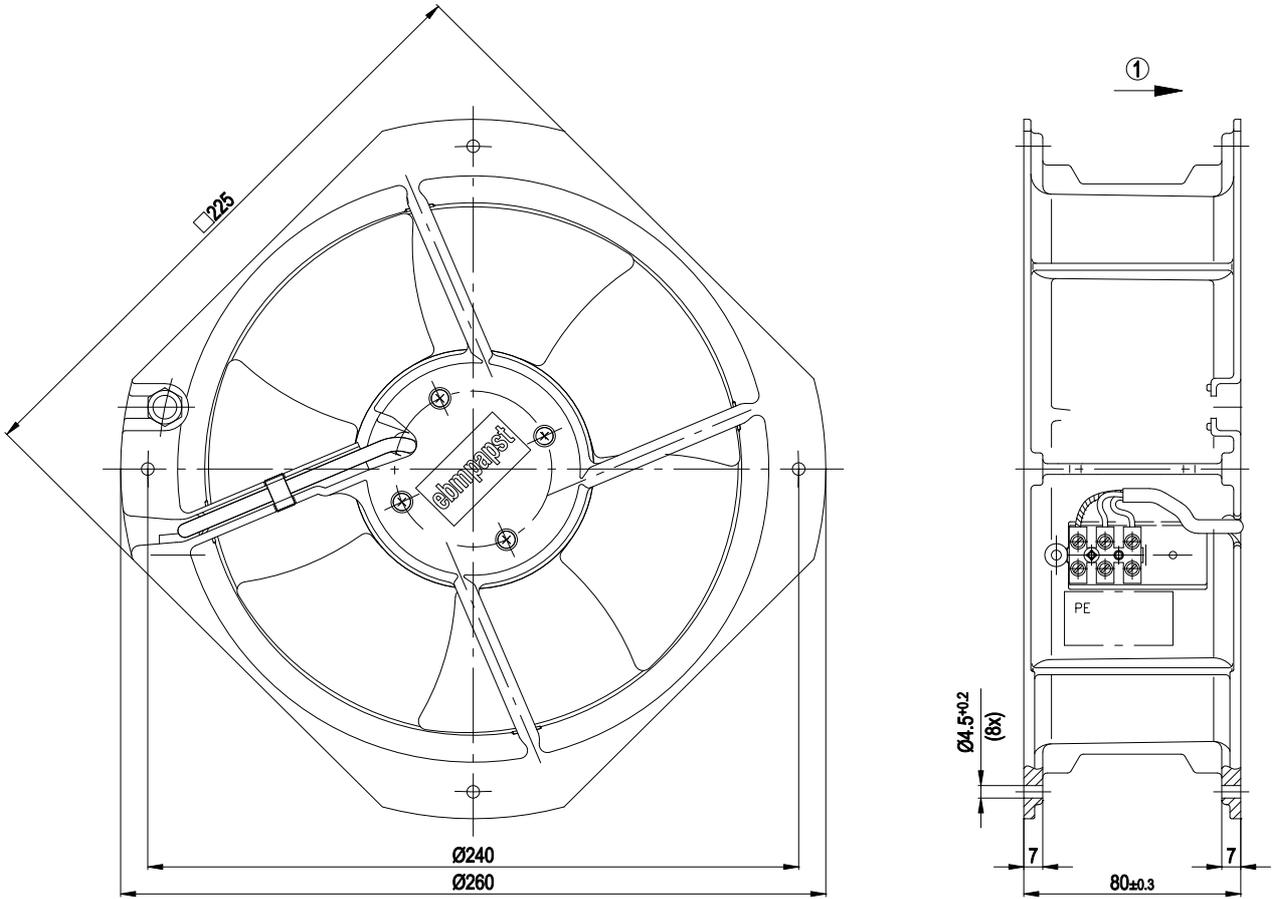
Type	W4S200-HK04-01		
Motor	M4S068-BF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	1370	1590
Power input	[W]	30	26
Current draw	[A]	0.21	0.18
Max. back pressure	[Pa]	50	50
Max. ambient temperature	[°C]	70	80

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

Technical features

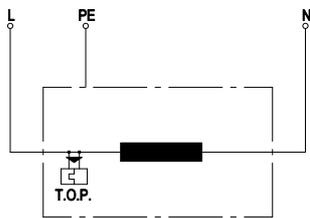
Leakage current	< 0.75 mA
Size	200 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	None
Motor bearing	Ball bearing
Mass	2.0 kg
Housing material	Die-cast aluminum
Material of blades	Sheet steel, coated in black
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 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.77; UL 2111; VDE

Product drawing



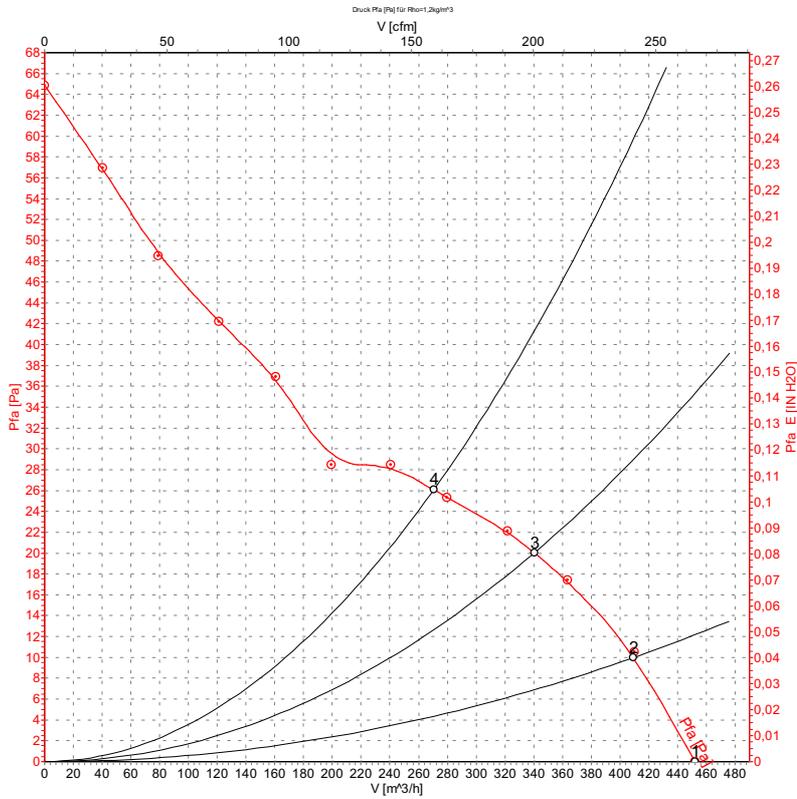
1 Direction of air flow "V"

Connection screen



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector

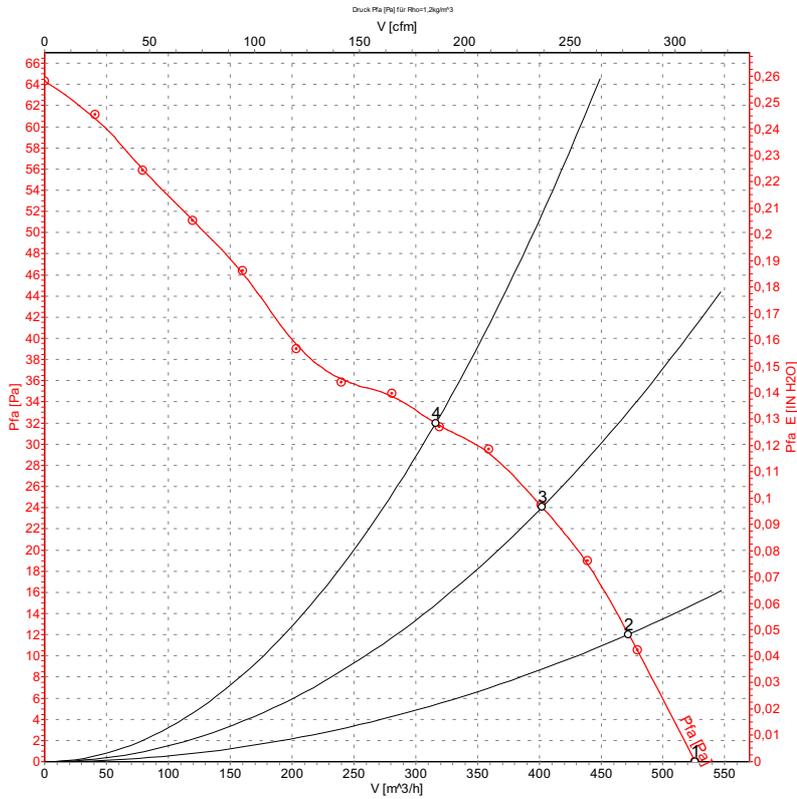
Charts: Air flow 50 Hz



Measured values

	U	f	n	P ₁	I	\hat{V}	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	1370	30	0.21	450	0
2	230	50	1365	29	0.21	410	10
3	230	50	1345	30	0.21	340	20
4	230	50	1330	31	0.22	270	26

Charts: Air flow 60 Hz



Measurement: LU-60316

Measured values

	U	f	n	P_1	I	\hat{V}	P_{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	60	1590	26	0.18	525	0
2	230	60	1560	27	0.18	470	12
3	230	60	1530	28	0.19	400	24
4	230	60	1495	29	0.19	315	32