

**ebm-papst Mulfingen GmbH & Co. KG**

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www.ebmpapst.cominfo1@de.ebmpapst.com**Nominal data**

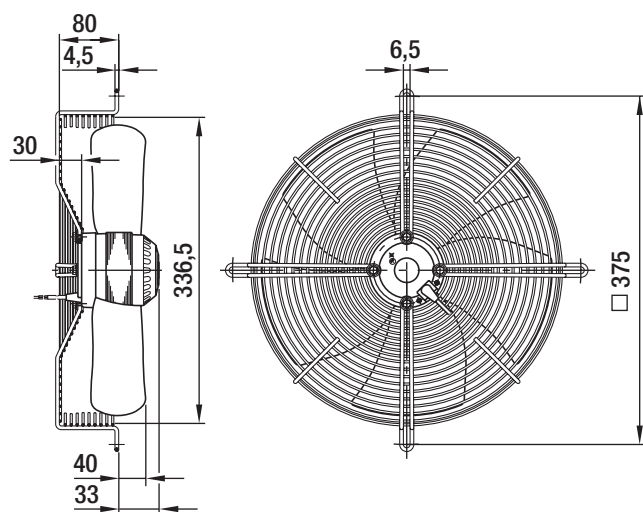
Type	S4E315-AP18-30		
Motor	M4E068-DF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	1410	1650
Power input	[W]	102	120
Current draw	[A]	0,52	0.53
Motor capacitor	[μF]	4	4
Capacitor voltage	[VDB]	400	400
Max. back pressure	[Pa]	120	120
Max. ambient temperature	[°C]	55	55
Air flow	[m ³ /h]	2440	2840
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	59	64

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

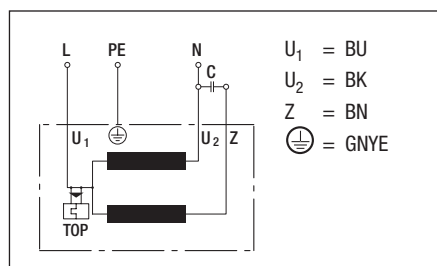
Technical features

Size	315 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Counter-clockwise, seen on rotor
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Axial
Bearing motor	Ball bearing
Mass	2.4 kg
Material of electronics housing	Rotor: Coated in black
Material of impeller	Sheet steel, coated in black
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE
Number of blades	5
Type of protection	IP 44 - depending on position
Protection class	I
Approval	CCC; GOST

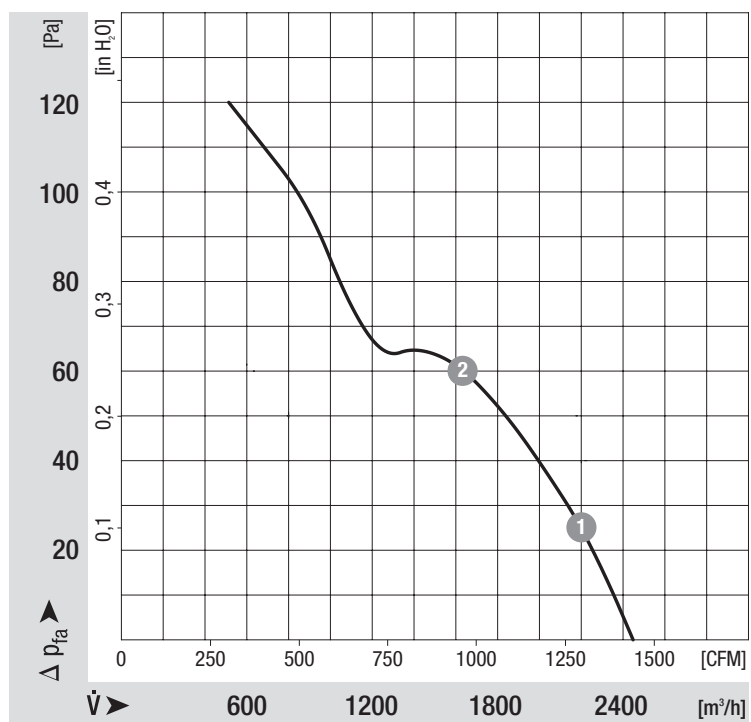
Product drawing



Connection screen



Charts: Air flow 50 Hz



Measured values

	n	P ₁	I
	[min ⁻¹]	[W]	[A]
1	1400	108	0.54
2	1380	120	0.57

Charts: Air flow 60 Hz

