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Nominal data

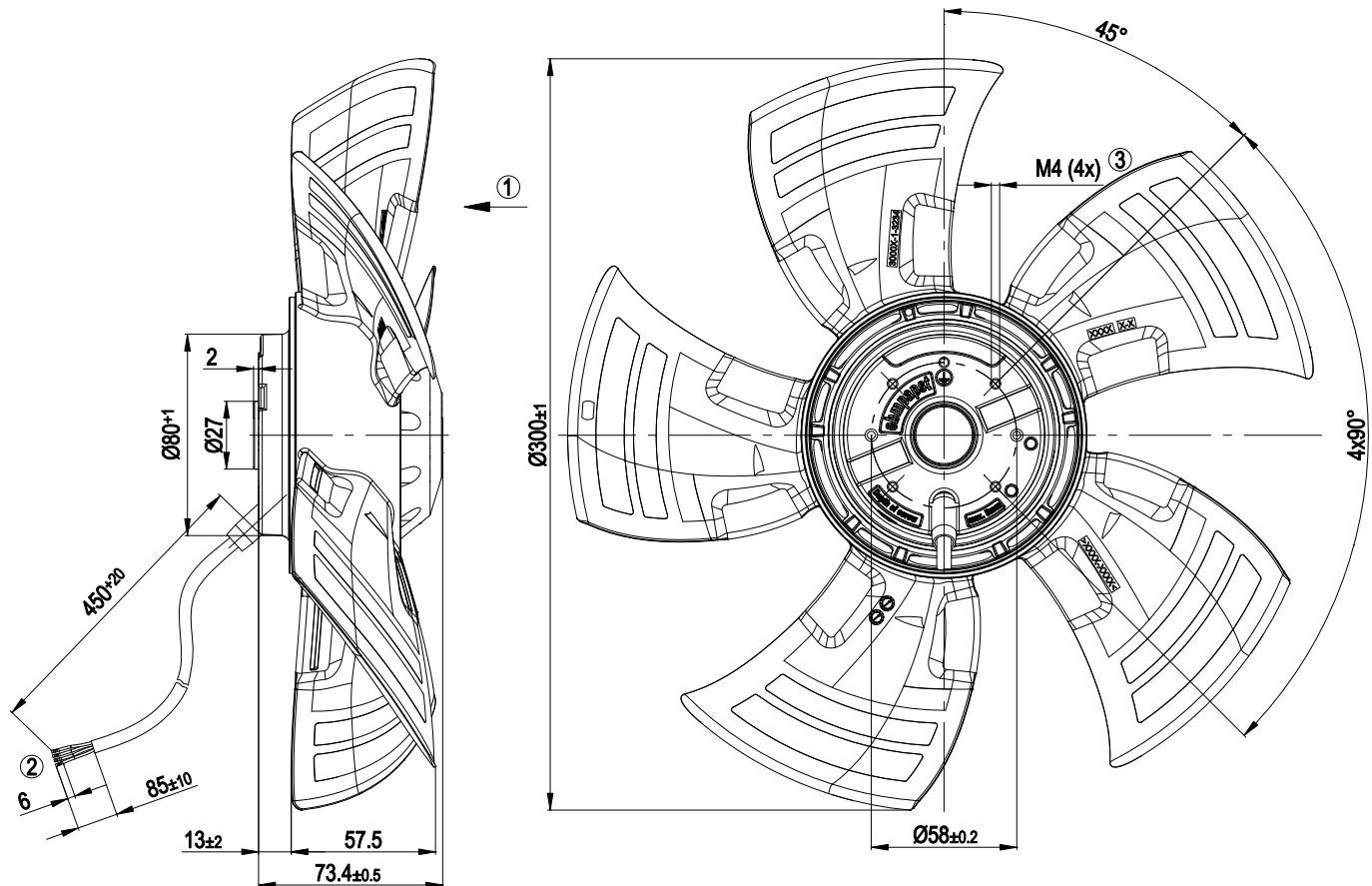
Type	A4E300-AS72-01		
Motor	M4E068-CF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	1380	1590
Power input	[W]	62	80
Current draw	[A]	0.28	0.36
Motor capacitor	[µF]	2	2
Capacitor voltage	[VDB]	400	400
Capacitor standard		P0 (CE)	P0 (CE)
Max. back pressure	[Pa]	60	70
Max. ambient temperature	[°C]	60	60

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

Technical features

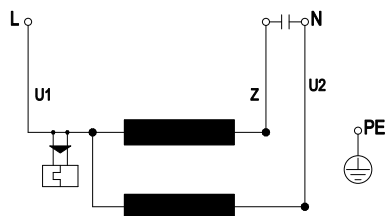
Leakage current	< 0.75 mA
Size	300 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Humidity class	F1-2
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	2.7 kg
Material of blades	Press-fitted sheet steel blank, sprayed with PP plastic
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	5
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; GOST

Product drawing



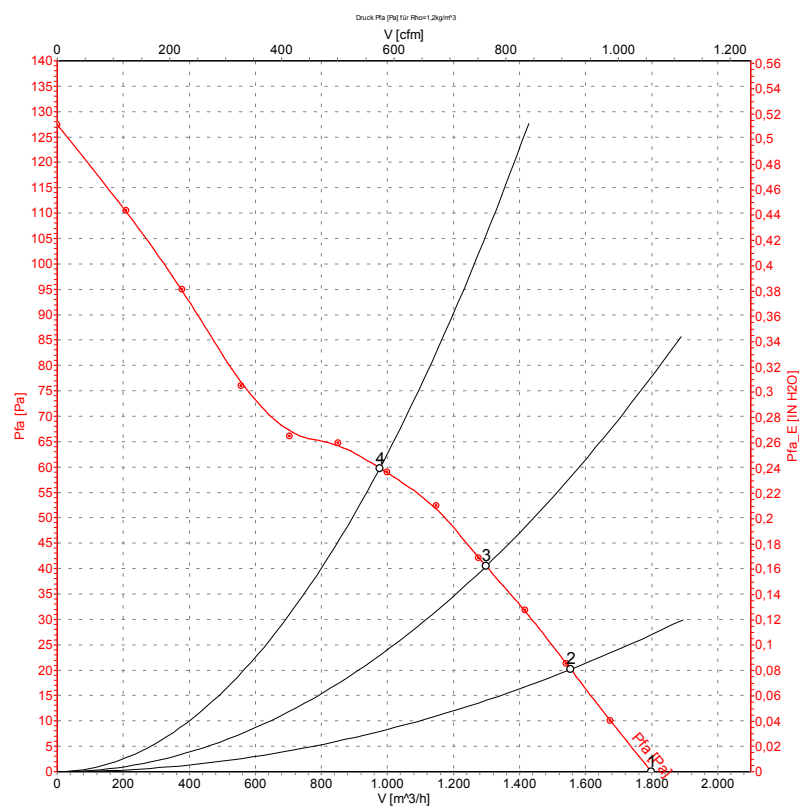
1	Direction of air flow "V"
2	Connection line H03VV-F4G0.5, 4x brass lead tips crimped
3	Depth of screw max. 5 mm

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

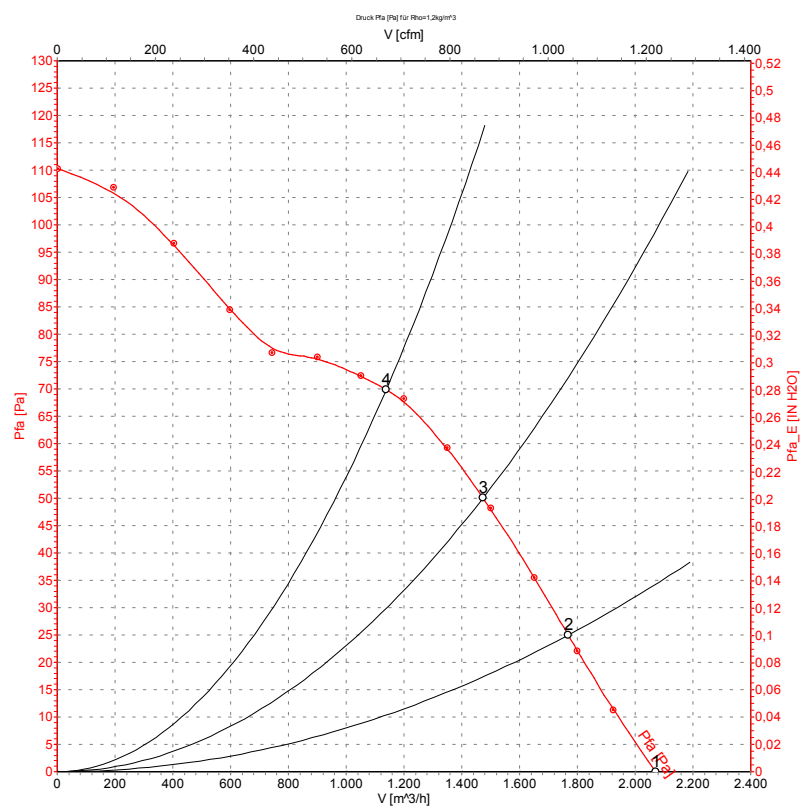
Charts: Air flow 50 Hz



Measured values

	U	f	n	P ₁	I	LpA _{ss}	LwA _{ss}	$\hat{V}$	p _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[dB(A)]	[dB(A)]	[m³/h]	[Pa]
1	230	50	1380	62	0.28	53	60	1800	0
2	230	50	1370	63	0.28	52	59	1555	20
3	230	50	1355	66	0.29	51	58	1300	40
4	230	50	1330	70	0.31	53	61	975	60

Charts: Air flow 60 Hz



Measurement: LU-112387

Measured values

	U	f	n	P ₁	I	LpA _{ss}	LwA _{ss}	$\hat{V}$	p _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[dB(A)]	[dB(A)]	[m³/h]	[Pa]
1	230	60	1590	80	0.36	56	63	2070	0
2	230	60	1555	84	0.37	55	62	1770	25
3	230	60	1525	87	0.38	54	62	1475	50
4	230	60	1475	91	0.40	55	63	1140	70