

AC centrifugal fan

forward curved, dual inlet
with housing (flange)

ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2
74673 Mulfingen
Phone: +49 7938 81-0
Fax: +49 7938 81-110
www.ebmpapst.com
info1@de.ebmpapst.com

Nominal data

Type	D2E133-CI33-22		
Motor	M2E068-CF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		ml	ml
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	1700	2100
Power input	[W]	175	190
Current draw	[A]	0.77	0.84
Motor capacitor	[μF]	4	4
Capacitor voltage	[VDB]	400	400
Min. back pressure	[Pa]	50	200
Max. ambient temperature	[°C]	35	25

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

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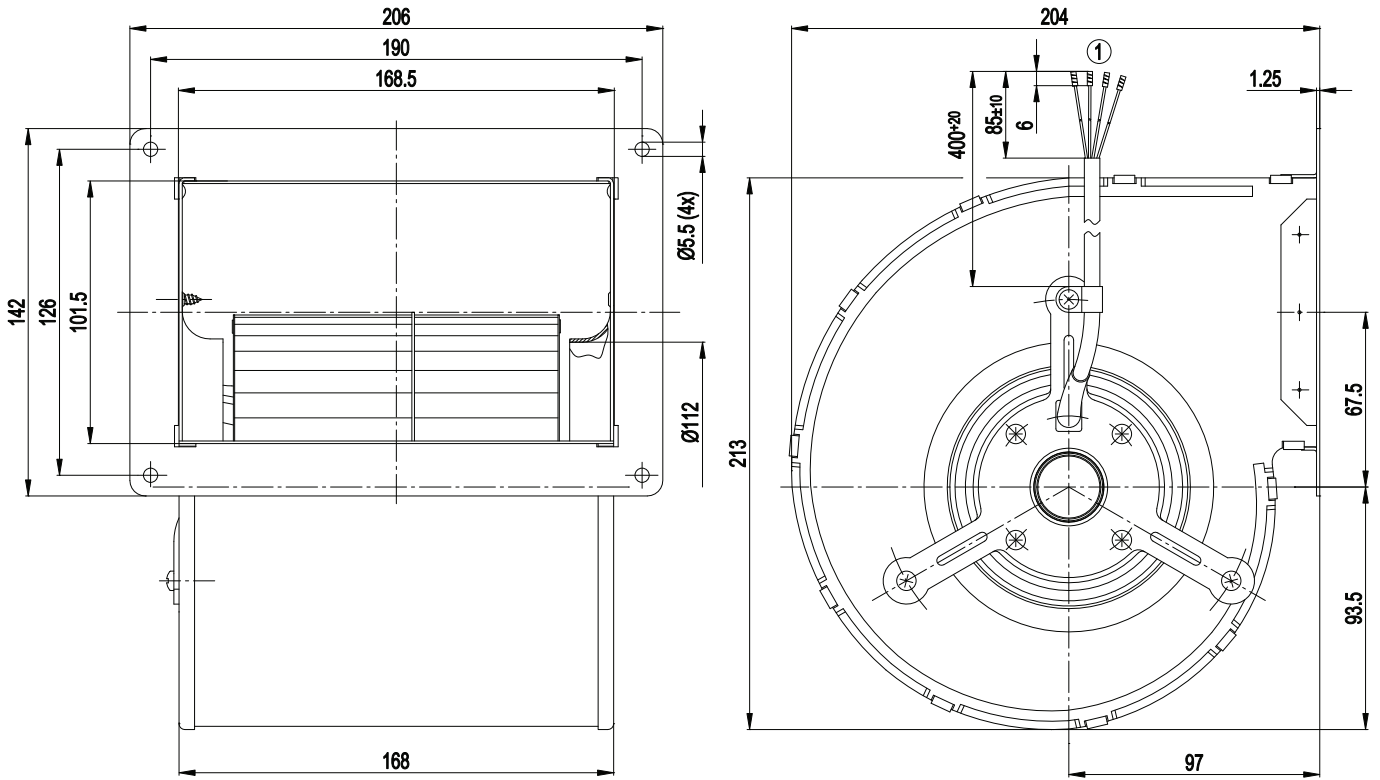
Technical features

Leakage current	< 0.75 mA
General description	With flange
Size	133 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Insulation class	"B"
Cable exit	Axial
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	3.1 kg
Housing material	Sheet steel, hot-galvanised
Material of impeller	Sheet steel, hot-galvanised
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Partially cast in aluminium
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

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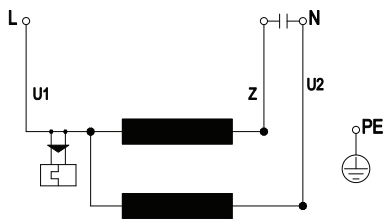
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Product drawing



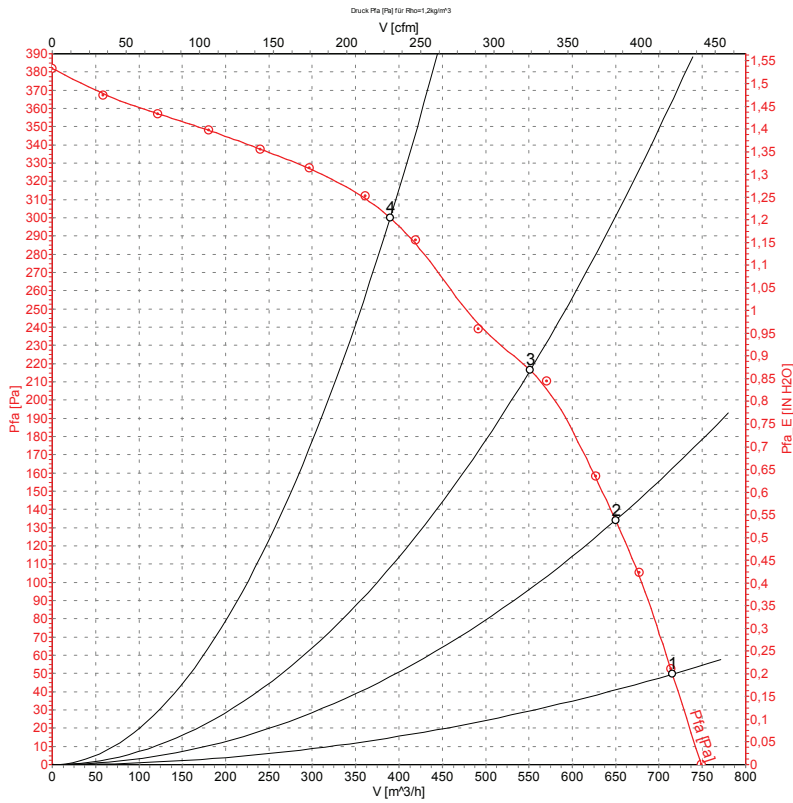
1 Connection line PVC 4G 0.5mm², 4x brass lead tips crimped

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

Charts: Air flow 50 Hz



Measurement: LU-105286

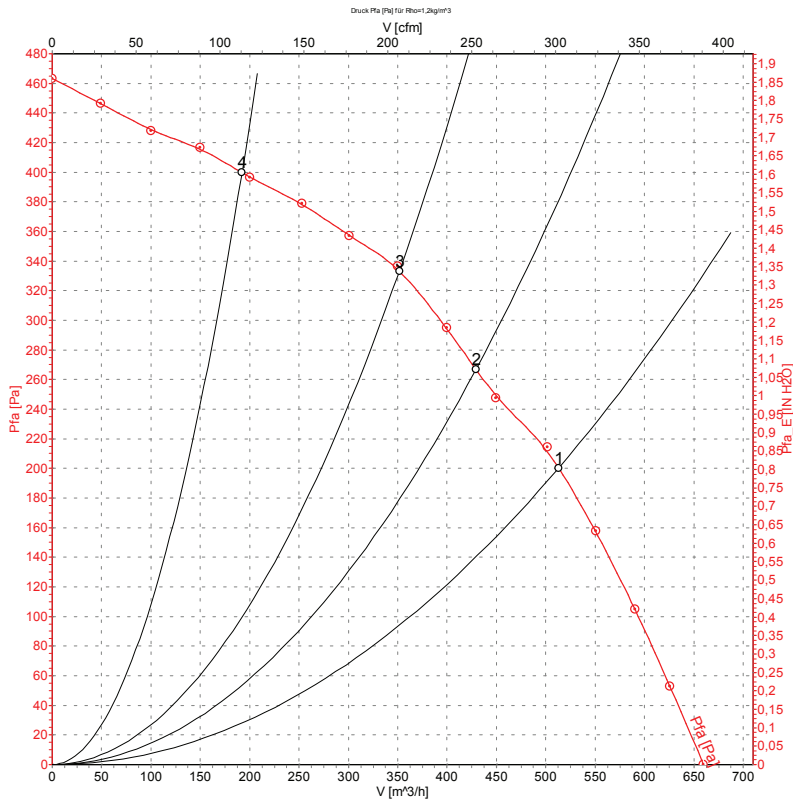
Measured values

	U	f	n	P ₁	I	\hat{V}	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m ³ /h]	[Pa]
1	230	50	1700	175	0.77	715	50
2	230	50	1900	159	0.69	650	134
3	230	50	2150	146	0.64	550	218
4	230	50	2415	129	0.56	390	300

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Charts: Air flow 60 Hz



Measurement: LU-105290

Measured values

	U	f	n	P ₁	I	\hat{V}	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m ³ /h]	[Pa]
1	230	60	2100	190	0.84	515	200
2	230	60	2330	176	0.77	430	267
3	230	60	2535	171	0.75	350	336
4	230	60	2805	161	0.71	190	400