

Beijing Hengrui Mechanical and Electrical Equipment Co.,Ltd
Phone +86 10-62547612
zhangyu@bjhengrui.cn
en.bjhengrui.com

Nominal data

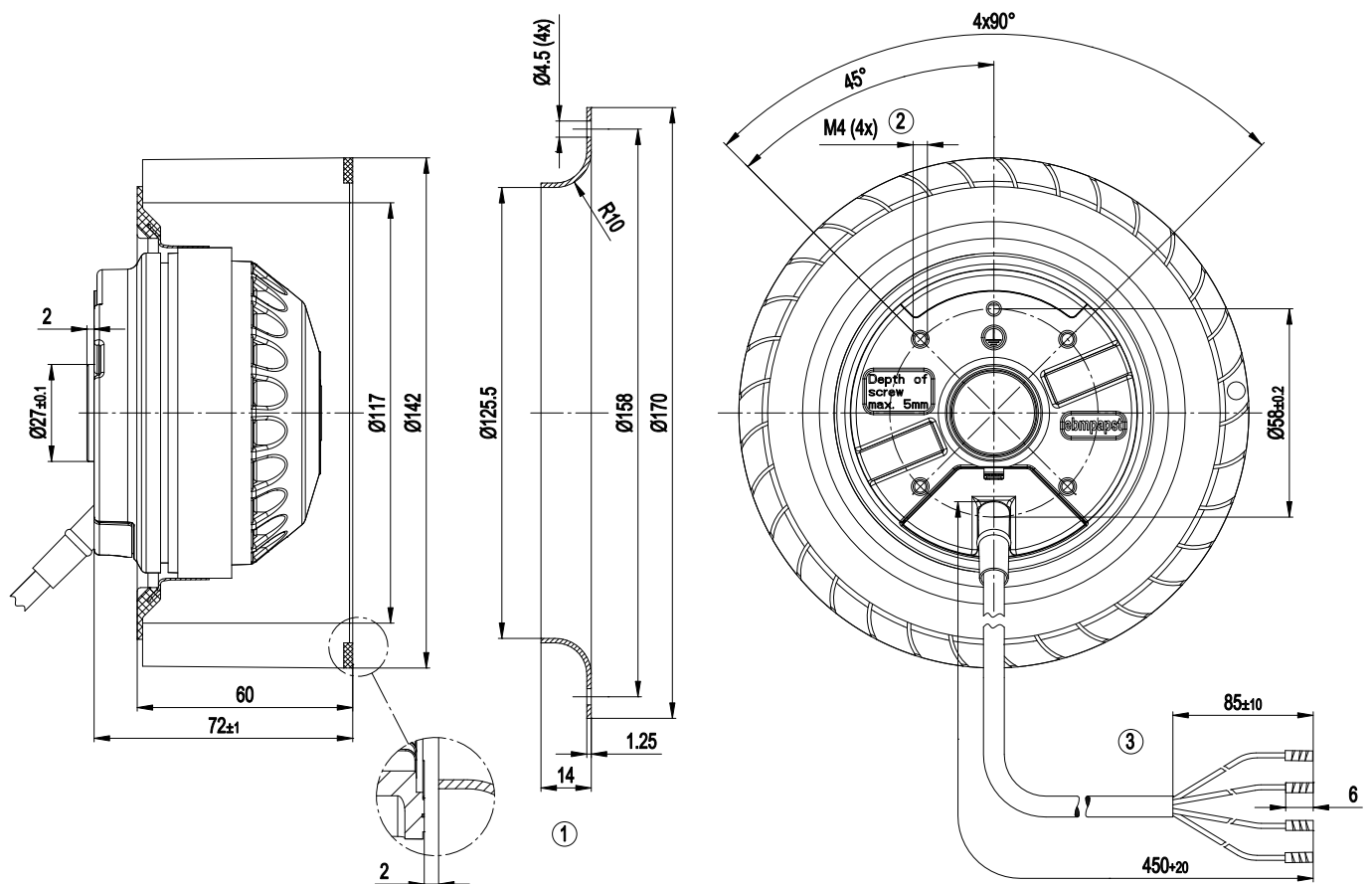
Type	R2E140-AS77-05		
Motor	M2E068-BF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	1500	1400
Power input	[W]	100	110
Current draw	[A]	0.45	0.48
Motor capacitor	[μF]	2	2
Capacitor voltage	[VDB]	450	450
Capacitor standard		P0 (CE)	P0 (CE)
Min. back pressure	[Pa]	0	0
Max. ambient temperature	[°C]	40	30

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

Technical features

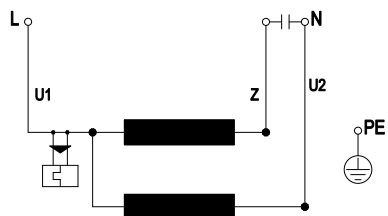
Leakage current	< 0.75 mA
Size	140 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	1.1 kg
Material of impeller	PP-TV40 plastic
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
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

Product drawing



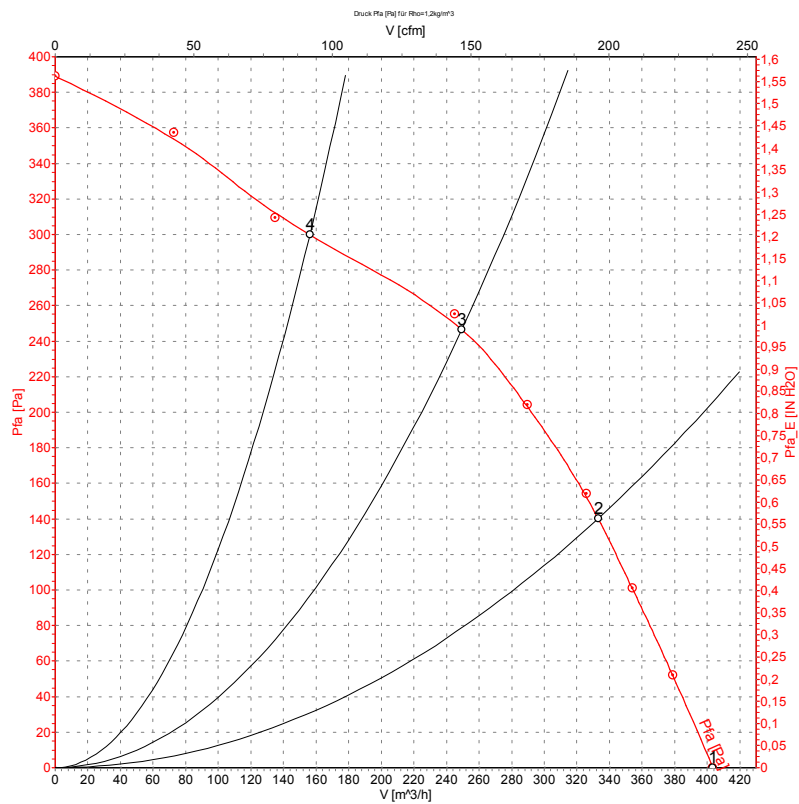
- | | |
|---|---|
| 1 | Accessory part: Inlet nozzle 09576-2-4013, not included in the standard scope of delivery |
| 2 | Depth of screw max. 5 mm |
| 3 | Connection line PVC 4G 0.5mm ² , 4x brass lead tips crimped |

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

Charts: Air flow 50 Hz

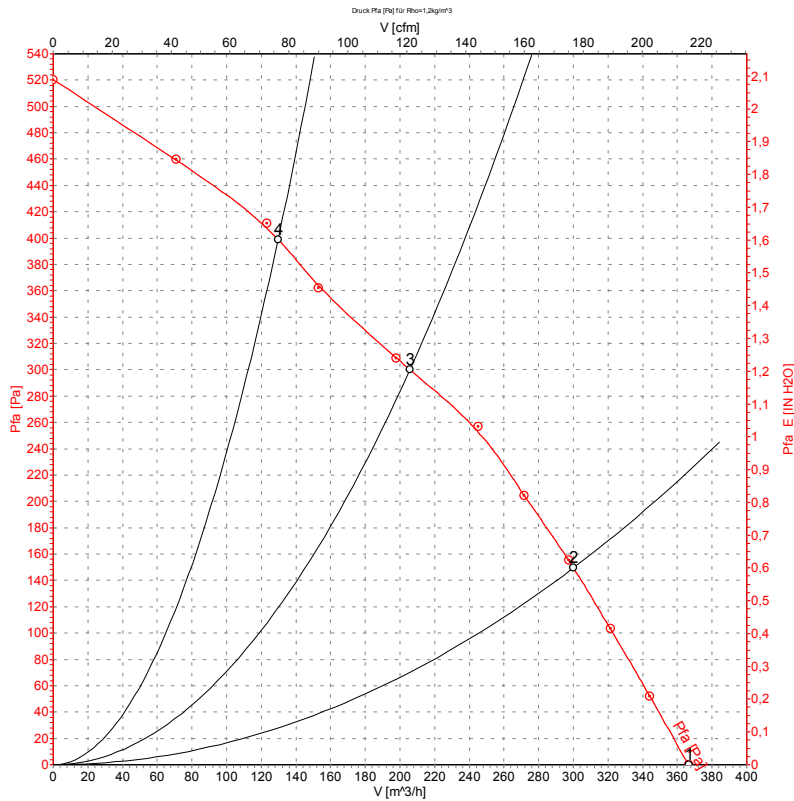


Measurement: LU-4523

Measured values

	U	f	n	P_1	I	$\hat{V}$	P_{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	1500	100	0.45	405	0
2	230	50	1880	94	0.41	335	140
3	230	50	2175	86	0.38	250	250
4	230	50	2410	78	0.35	155	300

Charts: Air flow 60 Hz



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	1400	110	0.48	365	0
2	230	60	1840	108	0.47	300	150
3	230	60	2420	101	0.44	205	300
4	230	60	2755	94	0.41	130	400