

AC centrifugal fan

Single inlet, Ø 146



- **Material:** Impeller made of polypropylene - colour: nature (according to IEC 695 T2-2 and EN 60335-2-31)
- **Design:** single-step fan with external-rotor motor size 68
- Bearing: ball bearing (sleeve bearing as option)
- **Direction of rotation:** clockwise / counter-clockwise
- **Type of protection:** IP 44
- **Approvals:** CE; VDE and UL upon request
- **Insulation class:** "B"

ebm-papst • Mulmungen

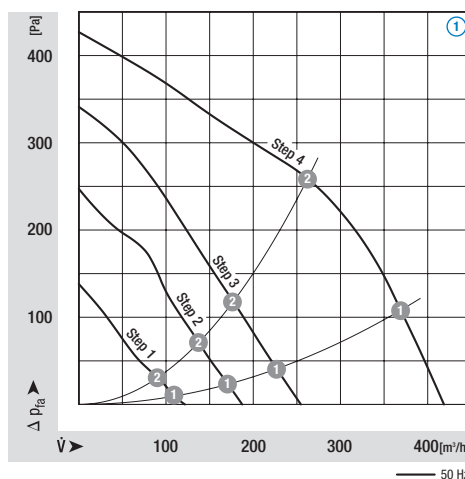
Nominal data		Characteristic	Voltage	Frequency	Airflow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Min. backpressure	Perm. ambient temp.	Weight
Type	Motor		VAC	Hz	m³/h	min⁻¹	W	A	µF/VDB	dB(A)	Pa	°C	kg
R2E 146-BE08 -25/26	M2E 068-BF	①	230	50	410	1420	107	0.47	2.0 / 450	55	0	-20...+30	1.2
			230	60	335	1550	115	0.51	2.0 / 450	56	100	-20...+30	

Subject to alteration

Measuring data were established inside the ebm-papst die-cast scroll housing.

			n [min ⁻¹]	P ₁ [W]	I [A]	Lp _A [dBA]
①	①	Step 1	490	46	0,22	22
①	②	Step 1	705	45	0,21	27
①	①	Step 2	755	55	0,26	34
①	②	Step 2	1080	53	0,25	40
①	①	Step 3	1005	67	0,31	43
①	②	Step 3	1450	63	0,29	48
①	①	Step 4	1725	101	0,44	56
①	②	Step 4	2170	87	0,38	58

Characteristics



Scroll housing dimensions

Type	A	B	C	D	E	F	G	H	J	K	R
R2E 146-BE08 -2*	137	128.5	120	113	105	98	90	87	103	92	11

