AC centrifugal fans and blowers

single inlet, Ø 160

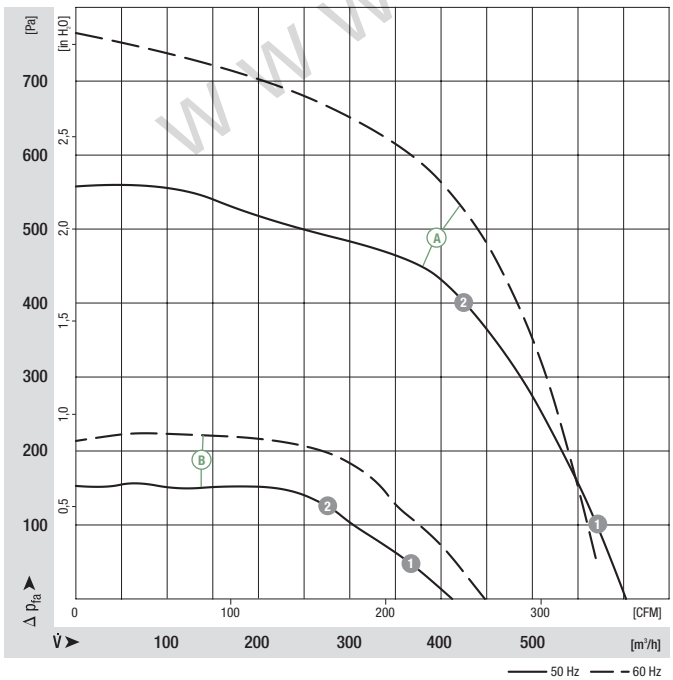
- **Material:** Housing: Die-cast aluminium
  Impeller: Galvanised sheet steel
  Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Min. back pressure	Perm. amb. temp.	Electr. connection
			VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	Pa	°C	p. 596 f.
*2E 160	M2E 068-EC	Ⓐ	1~ 230	50	600	2100	240	1.05	6.0/400	72	0	-25 to +50	A1)
			1~ 230	60	570	2100	280	1.23	6.0/400	71	50	-25 to +40	
*4E 160	M4E 068-CF	Ⓑ	1~ 230	50	410	1300	67	0.30	2.0/450	65	0	-25 to +65	A1)
			1~ 230	60	445	1400	90	0.40	2.0/450	67	0	-25 to +65	

subject to alterations

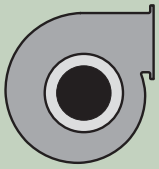
Curves



	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	2210	223	0.98
Ⓐ 2	2525	172	0.76
Ⓑ 1	1350	63	0.28
Ⓑ 2	1395	58	0.26

ebmpapst

- **Motor protection:** TOP wired internally
- **Cable exit:** Ⓐ variable, Ⓑ lateral
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC



Centrifugal fan	Mass of centrifugal fan kg	Dimensions d	e	Centrifugal blower with flange	Mass of centrifugal blower kg
R2E 160-AY47 -01	2.6	91.0	42.0	**G2E 160-AY47 -01**	3.9
R4E 160-AB01 -01	1.7	72.0	25.0	**G4E 160-AB01 -01**	2.9