

AC centrifugal fan and blower

single inlet, Ø 250

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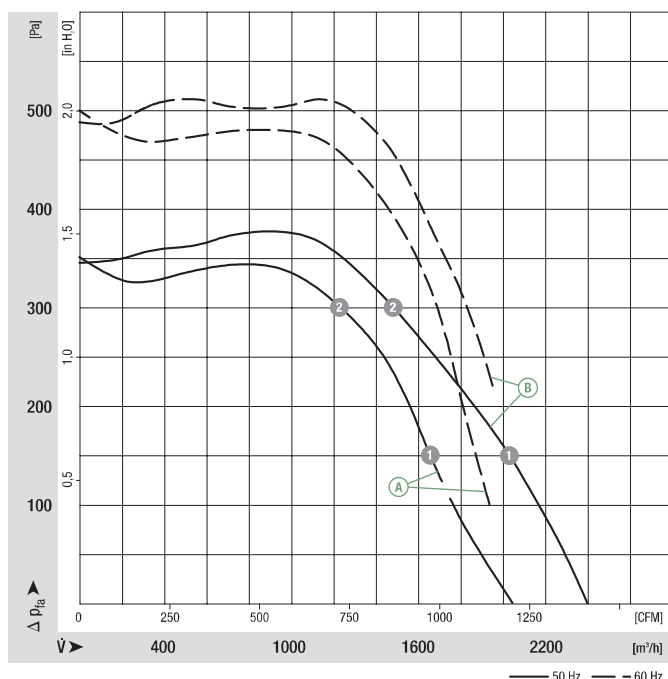


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Speed/rpm ⁽¹⁾	Max. power input ⁽¹⁾	Max. current draw ⁽¹⁾	Capacitor	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor		VAC	Hz	rpm	W	A	µF/VDB	Pa	°C	p. 596 f.
*4E 250	M4E 094-HA	A	1~ 230	50	1310	570	2.48	10.0/450	0	-40 to +70	A2a)
			1~ 230	60	1470	690	3.05	10.0/450	100	-40 to +55	
G4E 250⁽²⁾	M4E 094-HA	B	1~ 230	50	1150	760	3.80	10.0/450	0	-40 to +45	A2a)
			1~ 230	60	1400	730	3.30	10.0/450	220	-40 to +55	

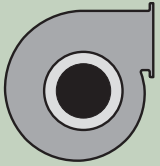
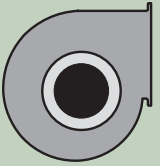
subject to alterations (1) Nominal data in operating point with maximum load (2) Data collected via exhaust duct (step diffuser, 1 m length)

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
A 1	1370	448	2.25	70
A 2	1420	325	1.85	68
B 1	1310	560	2.73	73
B 2	1390	395	2.05	69

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Diagonal
- **Protection class:** I (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE

	Mass of centrifugal fan			Mass of centrifugal blower	Dimensions				
Centrifugal fan	kg	Centrifugal blower with flange (small)	Centrifugal blower with flange (large)	kg	C	D	E	S	U
R4E 250-BA09 -03	9.3	G4E 250-DA09 -03	—	12.7	218.0	190.0	167.0	90.0	198.0
—	—	—	G4E 250-EA09 -03	13.1	313.0	285.0	262.0	180.0	293.0

