

AC centrifugal fan and blowers

single inlet, Ø 250

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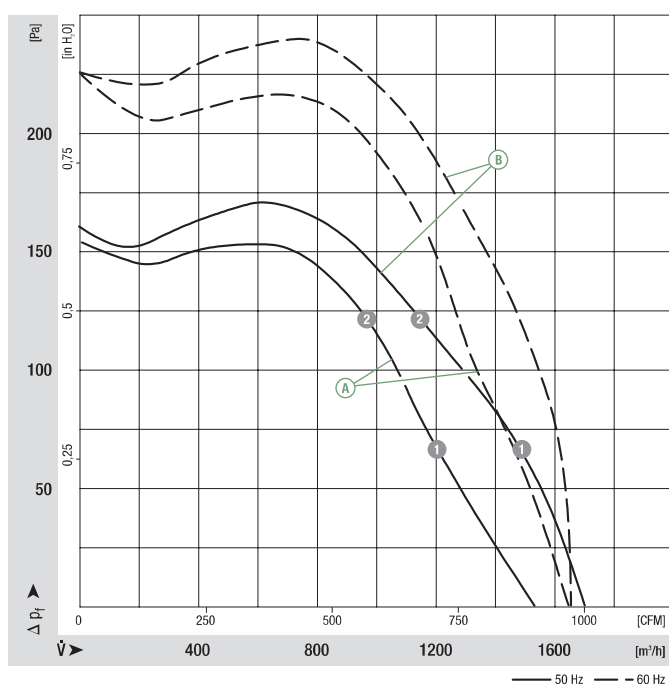


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **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.
*6E 250	M6E 094-FA	A	1~ 230	50	850	220	1.00	6.0/450	0	-40 to +80	A2a)
			1~ 230	60	900	295	1.30	6.0/500	0	-40 to +80	
G6E 250 ⁽²⁾	M6E 094-FA	B	1~ 230	50	780	255	1.15	6.0/450	0	-40 to +80	A2a)
			1~ 230	60	760	305	1.35	6.0/500	0	-40 to +70	

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	900	180	0.82	63
A 2	930	156	0.74	61
B 1	855	215	0.96	65
B 2	910	173	0.79	62

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

Centrifugal fan		Centrifugal blower with flange (small)		Centrifugal blower with flange (large)		Dimensions				
Centrifugal fan	kg	Centrifugal blower with flange (small)	Centrifugal blower with flange (large)	kg	kg	C	D	E	S	U
R6E 250-AK05 -03	7.0	G6E 250-DK05 -03	—	10.5	10.5	218.0	190.0	167.0	90.0	198.0
—	—	—	G6E 250-EK05 -03	10.9	10.9	313.0	285.0	262.0	180.0	293.0

