

AC centrifugal fans

backward curved, Ø 500



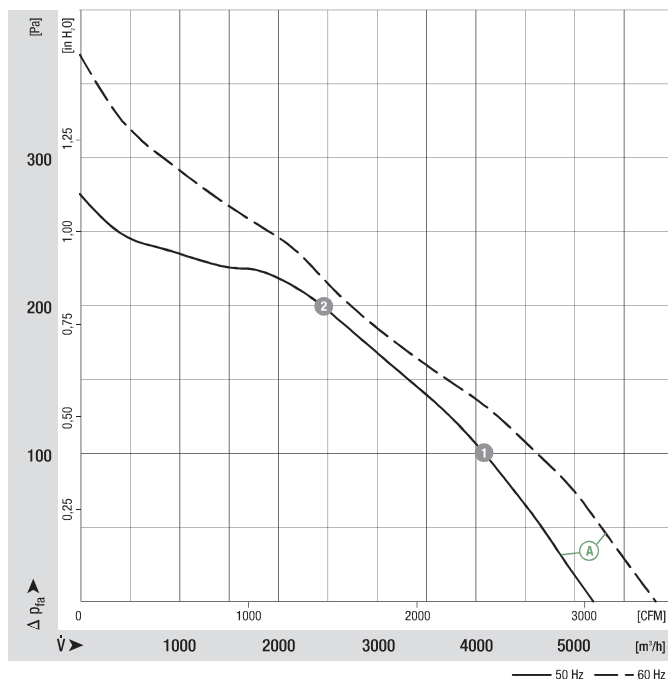
- **Material:** Impeller: Sheet aluminium, riveted
Rotor: Coated in black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode 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	Perm. amb. temp.	Electr. connection
Type	Motor	VAC	Hz	rpm	W	A	µF/VDB	°C	p. 596 f.	
R6E 500	M6E 094-HA	Ⓐ 1~ 230 1~ 230	50 60	820 850	385 475	1.82 2.10	10.0/400 10.0/450	-40 to +40 -40 to +40	A2a)	

subject to alterations

(1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
Ⓐ 1	845	360	1.72	62
Ⓐ 2	830	376	1.79	57

- **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



Centrifugal fan	kg	Inlet nozzle (long)
R6E 500-AB05 -06	11.1	54480-2-4013

