

AC centrifugal fans

backward curved, Ø 400



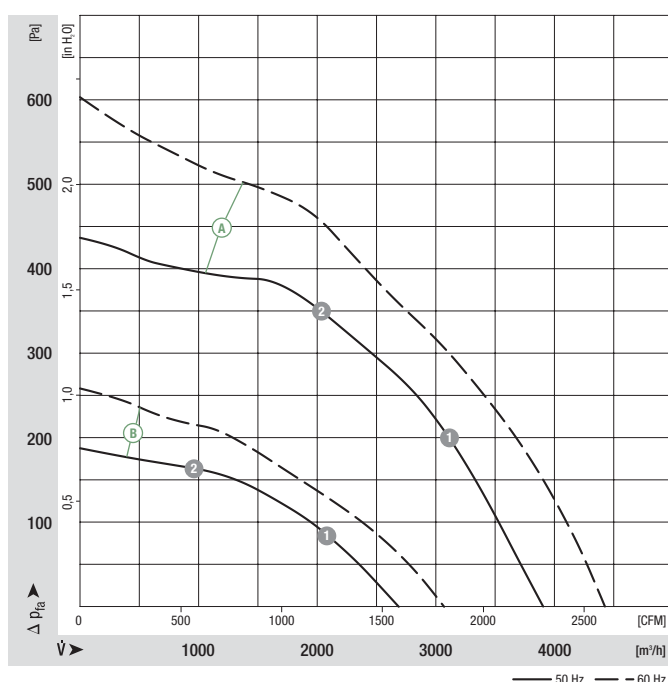
- **Material:** Impeller: Sheet aluminium, riveted
Rotor: Coated in black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode 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.
R4E 400	M4E 094-HA	A	1~ 230	50	1370	480	2.40	10.0/400	-40 to +70	A2a)
			1~ 230	60	1500	695	3.18	10.0/450	-40 to +55	
R6E 400	M6E 094-FA	B	1~ 230	50	895	155	0.68	5.0/450	-40 to +95	A2a)
			1~ 230	60	990	220	0.97	5.0/450	-40 to +85	

subject to alterations

(1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
A 1	1380	464	2.36	68
A 2	1380	462	2.36	65
B 1	900	149	0.65	56
B 2	910	143	0.65	54

- **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

Dimensions



Centrifugal fan	kg	d	e	Inlet nozzle (long)
R4E 400-AN09 -06	8.7	148.0	70.0	54476-2-4013
R6E 400-AK06 -06	8.7	128.0	50.0	54476-2-4013

