

AC centrifugal fans

backward curved, 3-D, Ø 400



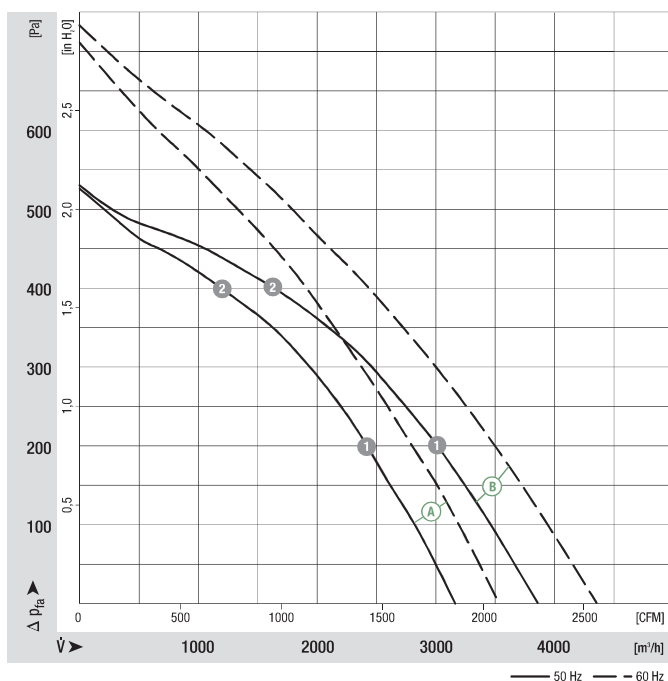
- **Material:** Impeller: Sheet aluminium, joined by tabs
Rotor: Coated in black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **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-FA	A	1~ 230	50	1355	375	1.75	8.0/400	-40 to +60	A2a)
			1~ 230	60	1480	540	2.40	8.0/400	-40 to +50	
R4E 400	M4E 094-HA	B	1~ 230	50	1370	480	2.40	10.0/450	-40 to +80	A2a)
			1~ 230	60	1460	700	3.15	10.0/450	-40 to +55	

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	1350	370	1.75	64
A 2	1380	331	1.58	65
B 1	1370	469	2.37	66
B 2	1390	430	2.17	68

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

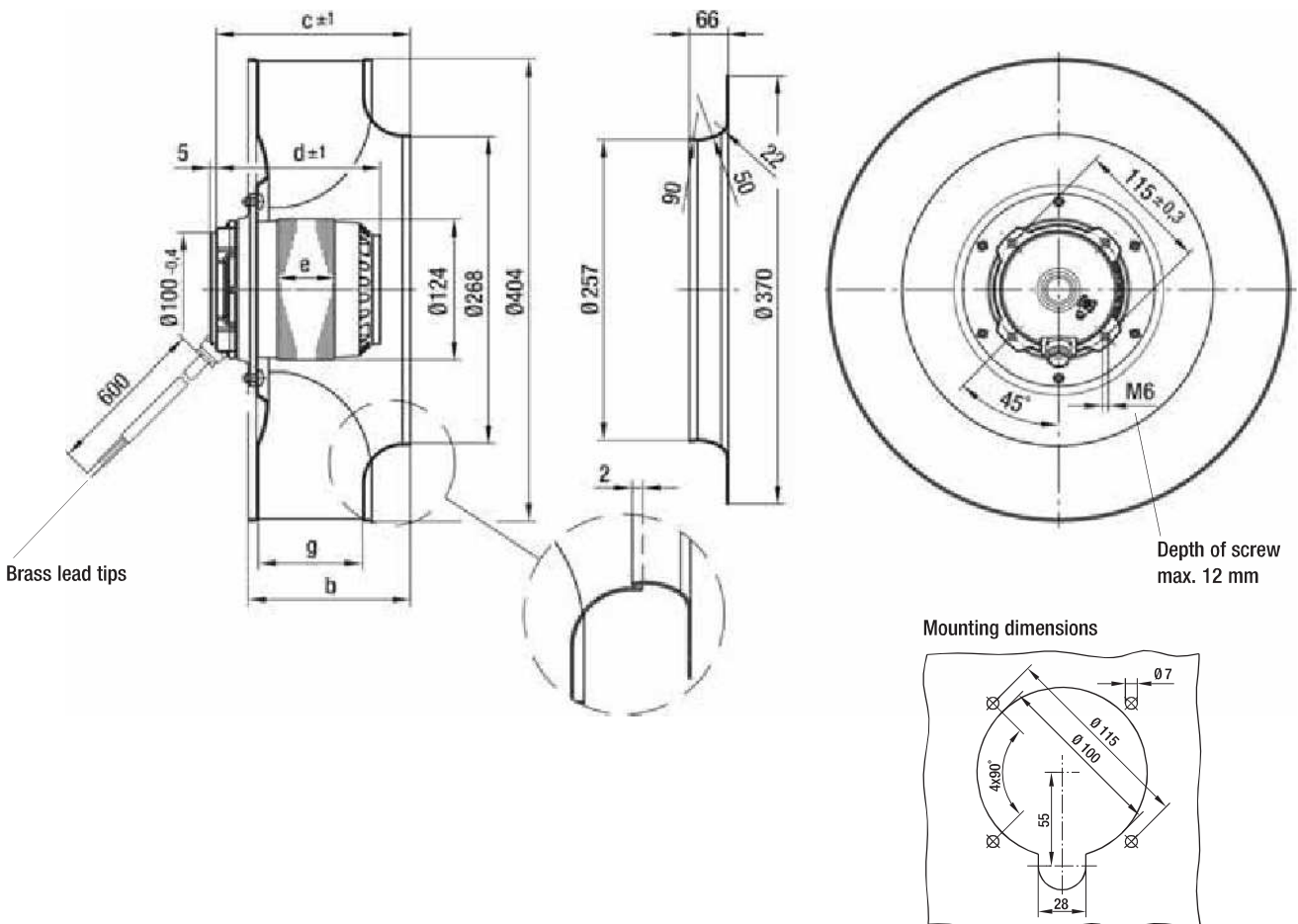


Mass of centrifugal fan

Dimensions



Centrifugal fan	kg	b	c	d	e	g	Inlet nozzle (long)
R4E 400-AR05 -06	7.1	141.0	172.0	128.0	50.0	90.0	54476-2-4013
R4E 400-AP17 -06	8.8	164.0	193.0	148.0	70.0	113.0	54476-2-4013



Brass lead tips

Depth of screw max. 12 mm

Mounting dimensions