

EC centrifugal fans and modules

backward curved, Ø 400



- **Material:** Support bracket: Steel, coated in black
Support plate: Galvanised sheet steel
Impeller: Sheet aluminium, welded
Rotor: Coated in black
Electronics enclosure: Die-cast aluminium
- **Number of blades:** 7
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

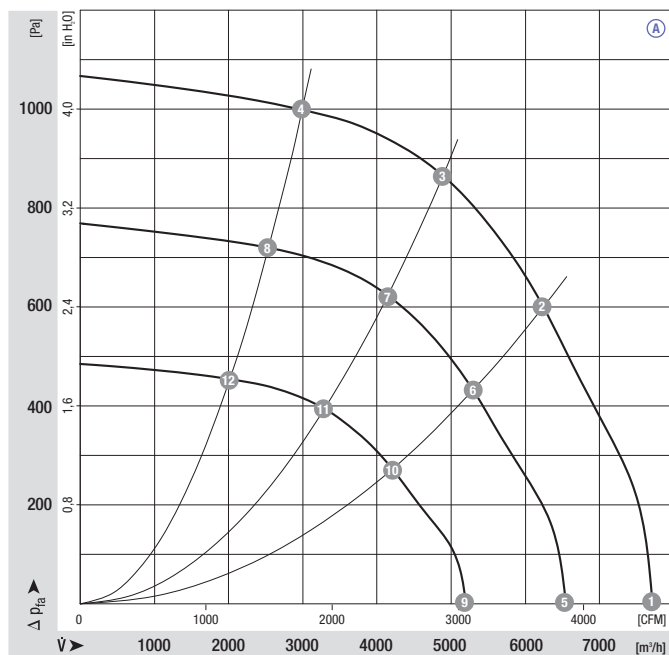
Nominal data

Type	Motor	Curve	Nominal voltage range VAC	Frequency Hz	Speed/rpm ⁽¹⁾ rpm	Max. power input ⁽¹⁾ W	Max. current draw ⁽¹⁾ A	Perm. amb. temp. °C	Electr. connection p. 46
*3G 400	M3G112-IA	Ⓐ	3~ 380-480	50/60	2180	1850	2,90	-25..+50	L5)

subject to alterations

(1) Nominal data in operating point with maximum load and 400 VAC

Curves



	n [rpm]	P ₁ [W]	I [A]	L _{wA} [dB(A)]
Ⓐ 1	2180	1178	1,81	89
Ⓐ 2	2180	1748	2,66	82
Ⓐ 3	2180	1850	2,90	81
Ⓐ 4	2180	1638	2,49	84
Ⓐ 5	1850	720	1,10	85
Ⓐ 6	1850	1063	1,62	78
Ⓐ 7	1850	1132	1,72	77
Ⓐ 8	1850	1001	1,52	80
Ⓐ 9	1470	361	0,55	80
Ⓐ 10	1470	533	0,81	73
Ⓐ 11	1470	568	0,86	72
Ⓐ 12	1470	502	0,76	75

