

EC centrifugal fans and modules

backward curved, Ø 560



- **Material:** Support bracket: Steel, coated in black
Support plate: Galvanised sheet steel, spacer profiles: Aluminium
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

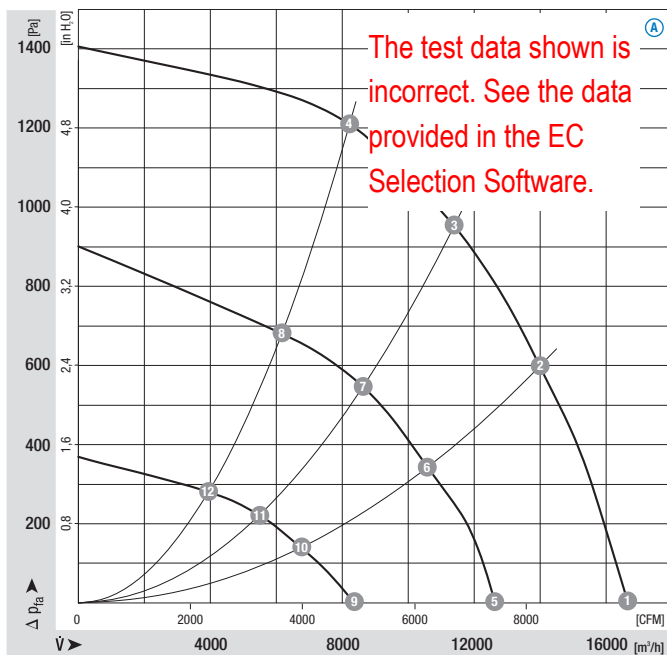
Nominal data

Type	Motor	Curve	Nominal voltage range VAC	Frequency Hz	Speed/rpm	Max. power input ⁽¹⁾ W	Max. current draw ⁽¹⁾ A	Perm. amb. temp. °C	Electr. connection p. 29
*3G 560	M3G 150-NA	A	3~ 380-480	50/60	1720	4600	7,10	-25..+40	M2)

subject to alterations

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

Curves



	n [rpm]	P ₁ [W]	I [A]	Lw _A [dB(A)]	η _{HL} [%]
A 1	1765	3190	4,39	98	—
A 2	1750	4097	6,29	88	70
A 3	1720	4600	7,10	84	74
A 4	1750	4538	6,98	84	69
A 5	1315	1285	2,06	91	—
A 6	1335	1723	2,72	82	68
A 7	1320	1923	3,01	78	81
A 8	1320	1796	2,81	79	67
A 9	885	466	0,92	80	—
A 10	870	552	1,07	73	65
A 11	865	610	1,17	70	71
A 12	865	594	1,13	69	64