

EC centrifugal blowers

dual inlet, Ø 180



- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Galvanised
Electronics enclosure: Die-cast aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal; rotor on top or rotor on bottom on request
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

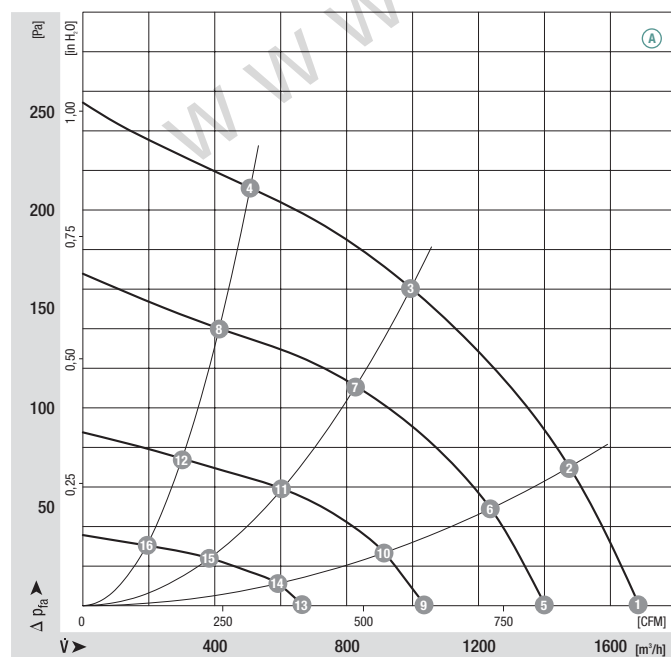
Nominal data

Type	Motor	VAC	Hz	rpm	W	A	Pa	°C	p. 60
D3G 180	M3G 074-CF	Ⓐ 1~ 200-277	50/60	1090	165	1.22	0	-25 to +60	J1)

subject to alterations

(1) Nominal data in operating point with maximum load and 230 VAC

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]	η _{IL} [%]
A 1	1090	165	1.22	64	—
A 2	1200	155	1.15	62	54
A 3	1310	113	0.85	59	62
A 4	1400	74	0.55	56	53
A 5	925	101	0.75	60	—
A 6	1015	95	0.70	58	51
A 7	1090	67	0.50	54	61
A 8	1145	45	0.35	51	48
A 9	690	43	0.35	52	—
A 10	760	42	0.30	50	47
A 11	805	31	0.25	46	51
A 12	840	21	0.20	43	39
A 13	455	15	0.15	40	—
A 14	500	15	0.15	38	36
A 15	525	12	0.10	34	35
A 16	545	9	0.10	32	23

- **Technical features:**
 - PFC (passive)
 - Control input 0-10 VDC / PWM
- **EMC:** Interference emission acc. to EN 61000-6-3
Interference immunity acc. to EN 61000-6-1
Harmonics acc. to DIN EN 61000-3-2/3
- **Leakage current:** < 3.5 mA acc. to EN 60950-1
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, EN 61800-5-1, EN 60950-1, CE
- **Approvals:** UL, CSA; CCC, GOST are applied for
- Output 10 VDC max. 1.1 mA
- Tach output
- Over-temperature protected electronics / motor



Mass of centrifugal blower

Centrifugal blower without flange

kg

D3G 180-AB62 -01

7.0

