

EC centrifugal blowers

dual inlet, Ø 200

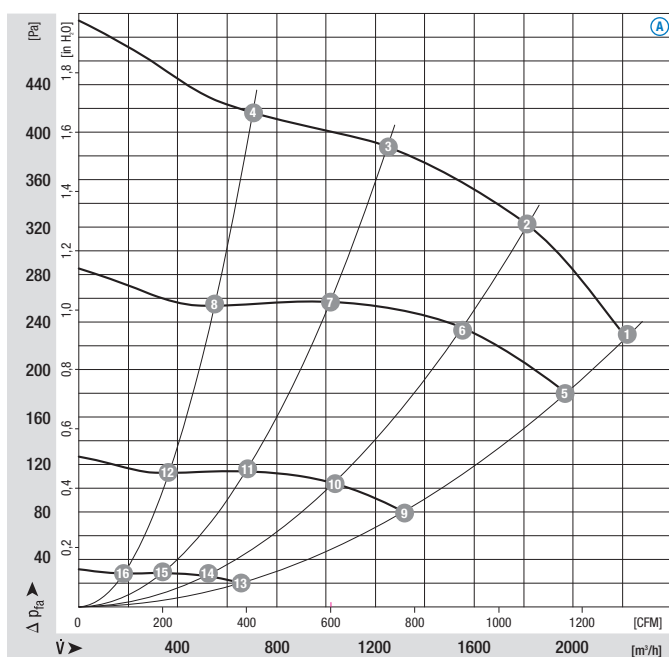


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
Electronics enclosure: Die-cast aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Speed/rpm	Max. power input ⁽¹⁾	Max. current draw ⁽¹⁾	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor	VAC	Hz	rpm	W	A	Pa	°C	p. 42	
D3G 200	M3G 084-FA	Ⓐ	1~ 230	50/60	1640	465	3,00	225	-25..+50	K1)

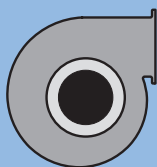
subject to alterations (1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
Ⓐ 1	1640	465	3,00	70
Ⓐ 2	1665	402	2,60	68
Ⓐ 3	1750	308	1,98	66
Ⓐ 4	1825	225	1,48	66
Ⓐ 5	1425	337	2,18	68
Ⓐ 6	1425	251	1,62	65
Ⓐ 7	1425	166	1,07	61
Ⓐ 8	1425	107	0,70	61
Ⓐ 9	950	100	0,65	56
Ⓐ 10	950	74	0,48	53
Ⓐ 11	950	49	0,32	50
Ⓐ 12	950	32	0,21	50
Ⓐ 13	475	12	0,08	37
Ⓐ 14	475	9	0,06	34
Ⓐ 15	475	6	0,04	32
Ⓐ 16	475	4	0,03	32

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



Mass of centrifugal blower

Centrifugal blower with flange

kg

D3G 200-BB22 -71

9,4

