

EC centrifugal blowers

dual inlet, Ø 250

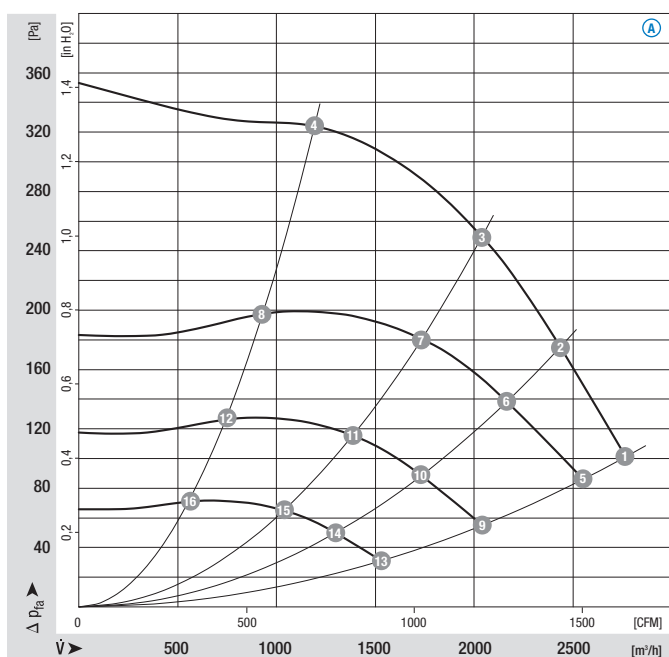


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
Electronics enclosure: Die-cast aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal
- **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 250	M3G 084-GF	Ⓐ 1~ 230	50/60	1085	450	2,80	100	-25..+40	K1)	

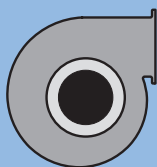
subject to alterations (1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
Ⓐ 1	1085	450	2,80	71
Ⓐ 2	1125	401	2,55	69
Ⓐ 3	1175	346	2,20	67
Ⓐ 4	1285	232	1,50	65
Ⓐ 5	1000	346	2,21	69
Ⓐ 6	1000	282	1,80	66
Ⓐ 7	1000	213	1,36	63
Ⓐ 8	1000	110	0,71	58
Ⓐ 9	800	177	1,13	63
Ⓐ 10	800	145	0,92	60
Ⓐ 11	800	109	0,70	56
Ⓐ 12	800	56	0,37	52
Ⓐ 13	600	75	0,48	55
Ⓐ 14	600	61	0,39	51
Ⓐ 15	600	46	0,29	48
Ⓐ 16	600	24	0,15	44

- **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 250-ED01 -71

12,0

