

EC centrifugal blowers

dual inlet, Ø 250

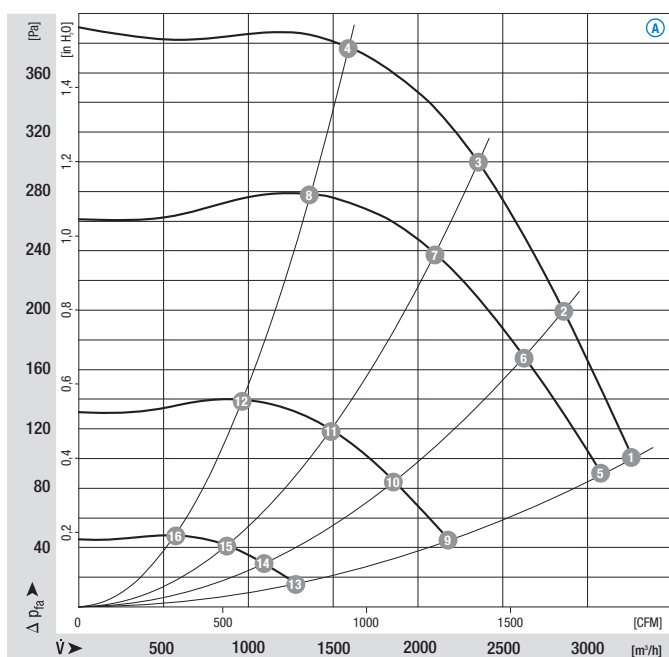


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
Electronics enclosure: Die-cast aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal
- **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. 43	
D3G 250	M3G 112-EA	Ⓐ	1~ 230	50/60	1250	720	3,20	100	-25..+40	L3)

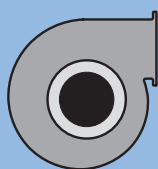
subject to alterations (1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	Lw _A [dB(A)]
Ⓐ 1	1250	720	3,20	83
Ⓐ 2	1305	608	2,77	81
Ⓐ 3	1345	516	2,37	79
Ⓐ 4	1395	383	1,79	75
Ⓐ 5	1200	576	2,61	82
Ⓐ 6	1200	472	2,15	79
Ⓐ 7	1200	366	1,68	76
Ⓐ 8	1200	243	1,13	71
Ⓐ 9	850	205	0,93	73
Ⓐ 10	850	168	0,76	70
Ⓐ 11	850	130	0,60	67
Ⓐ 12	850	86	0,40	62
Ⓐ 13	500	42	0,19	59
Ⓐ 14	500	34	0,16	55
Ⓐ 15	500	27	0,12	53
Ⓐ 16	500	18	0,08	49

- **Technical features:**
 - PFC (active)
 - Control input 0-10 VDC / PWM
 - Output 10 VDC max. 10 mA
 - Alarm relay
- **EMC:** Interference emission acc. to EN 61000-6-4
Interference immunity acc. to EN 61000-6-2
Harmonics acc. to 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:** CE
- **Approvals:** UL, CSA; CCC, GOST is applied for
 - Line undervoltage detection
 - Motor current limitation
 - Over-temperature protected electronics / motor
 - Locked-rotor protection
 - Soft start



Mass of centrifugal blower

Centrifugal blower with flange

kg

D3G 250-EE51 -11

14,2

