

EC centrifugal blowers

dual inlet, Ø 404 (15")

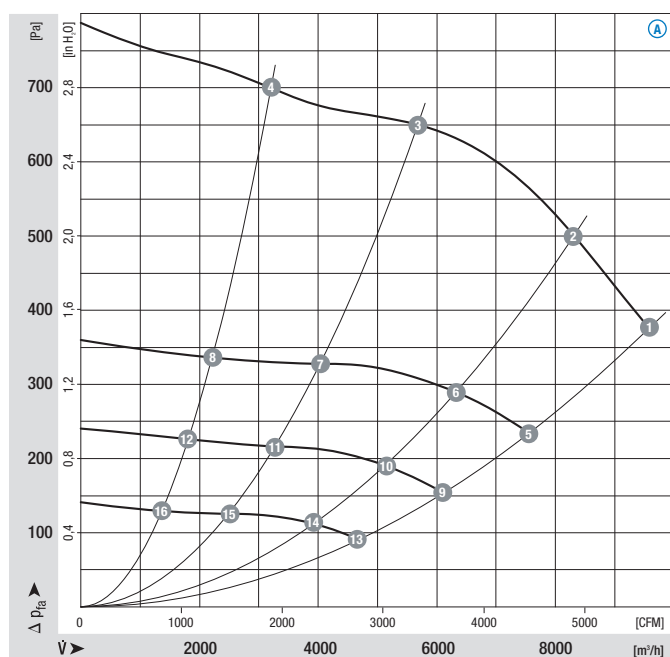


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
Electronics enclosure: Die-cast aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "F"
- **Mounting position:** Shaft horizontal
- **Condensate discharges:** Rotor-side
- **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. 45
D3G 404	M3G 150-NA	Ⓐ	3~ 400	50/60	1000	3000	4,80	375	-25..+40	M1)

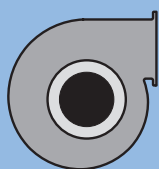
subject to alterations (1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	L _{wA} [dB(A)]
Ⓐ 1	1000	3000	4,80	89
Ⓐ 2	1055	2705	4,12	86
Ⓐ 3	1125	2007	3,06	84
Ⓐ 4	1180	1407	2,16	84
Ⓐ 5	800	1445	2,20	82
Ⓐ 6	800	1152	1,78	79
Ⓐ 7	800	682	1,10	75
Ⓐ 8	800	447	0,79	74
Ⓐ 9	650	787	1,25	76
Ⓐ 10	650	623	1,02	74
Ⓐ 11	650	376	0,69	69
Ⓐ 12	650	259	0,51	69
Ⓐ 13	500	360	0,69	70
Ⓐ 14	500	294	0,57	67
Ⓐ 15	500	186	0,39	64
Ⓐ 16	500	133	0,30	63

- **Technical features:**
 - PFC (passive)
 - Control input 0-10 VDC / PWM
 - Output 10 VDC max. 10 mA
 - Alarm relay
- **EMC:** Interference emission acc. to EN 61000-6-3
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:** VDE, UL, CSA; CCC, GOST is applied for
 - Line undervoltage / phase failure detection
 - Motor current limitation
 - Over-temperature protected electronics / motor
 - Locked-rotor protection
 - Soft start



Mass of
centrifugal blower

Centrifugal blower
with flange

kg

D3G 404-BB02 -03

56,5

