max. 237 m³/h

DC axial fans

☐ 119 x 38 mm



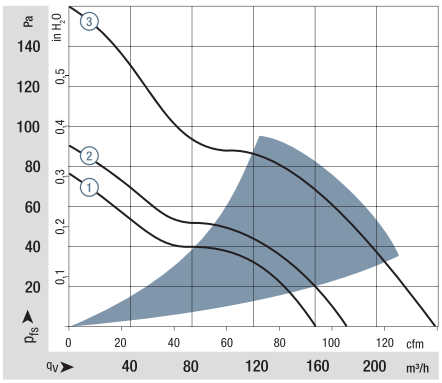
- **Material:** Housing: Die-cast aluminium
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Intake over struts
- **Direction of rotation:** Clockwise, seen on rotor
- **Connection:** On flat connectors, 2.8 x 0.5 mm
  Also available with wires as an option
- **Highlights:** Housing with grounding lug for screw M4 x 8 (Torx)
- **Mass:** 390 g

- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go- / NoGo-alarm
  - Alarm with limit speed
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Humidity protection
  - Salt fog protection
  - Degree of protection: IP 54 / IP 68

1) Fibreglass-reinforced plastic

Series 4100 N **Nominal data**	Air flow	Air flow	**Nominal voltage**	Voltage range	Sound pressure level	Sound power level	Sintec sleeve bearings Ball bearings	Input power	Nominal speed	Temperature range	Service life L_{10} (40 °C) ebm-papst Standard Service life L_{10} (T_{max}) ebm-papst Standard	Life expectancy L_{10IPC} (40 °C) see page 17	Curve
Type	**m³/h**	**cfm**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	**□/■**	**Watts**	**rpm**	**°C**	**Hours**	**Hours**	
4182 NGX	160	94	**12**	6...15	44	5,3	□	3,7	2 800	-20...+75	85 000 / 37 500	142 500	①
4182 NX	180	106	**12**	6...15	49	5,7	■	4,9	3 200	-30...+75	85 000 / 37 500	142 500	②
4182 NXH	237	140	**12**	7...14	57	6,5	■	11,0	4 400	-30...+55	70 000 / 50 000	117 500	③
4184 NGX	160	94	**24**	12...31,5	44	5,3	□	3,3	2 800	-20...+75	85 000 / 37 500	142 500	①
4184 NXM	160	94	**24**	12...31,5	44	5,3	■	3,2	2 800	-30...+75	85 000 / 37 500	142 500	①
4184 NX	180	106	**24**	12...31,5	49	5,7	■	4,9	3 200	-30...+70	85 000 / 42 500	142 500	②
4184 NXH	237	140	**24**	12...28	57	6,5	■	11,0	4 400	-30...+70	70 000 / 35 000	117 500	③
4188 NGX	160	94	**48**	36...60	44	5,3	□	3,6	2 800	-20...+75	85 000 / 37 500	142 500	①
4188 NXM	160	94	**48**	36...60	44	5,3	■	3,5	2 800	-30...+75	85 000 / 37 500	142 500	①

Subject to alterations



Air performance measured as per: ISO 5801,
Installation category A, without accidental contact.
Noise: Total sound power level L_{WA} ISO 103002
measured on half-sphere of 2 m;
Sound pressure level LpA measured at 1 m distance to fan axis.
The acoustic values are only valid for the described measurement set-up and may vary depending on the installation situation.
In case of any deviation to the standard setup, the values have to be checked and reviewed once installed or fitted.
For detailed information see
http://www.ebmpapst.com/general conditions

