Max. 225 m³/h

DC axial fans

☐ 119 x 25 mm



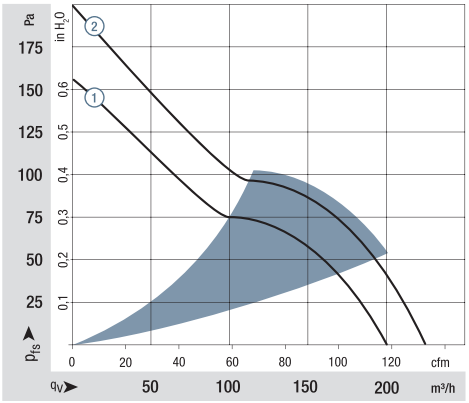
- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Connection:** Via single wires AWG 22, TR 64
- **Weight:** 240 g

- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Moisture protection

1) Fiberglass-reinforced plastic

Series 4400 FN VWC119FUJBS **Nominal data**	Air flow	Air flow	**Nominal voltage**	Voltage range	Sound pressure level	Sound power level	Sintec sleeve bearings ☐ / Ball bearings ■	Power consumption	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 15	Curve
Type	**m³/h**	**cfm**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	☐ / ■	**Watts**	**rpm⁻¹**	**°C**	**Hours**	**Hours**	
4412 FNH	225	132	**12**	9...13.2	55	6.7	■	12	5 400	-20...+70	60 000 / 30 000	102 500	②
4414 FNN	200	118	**24**	14...28	52	6.5	■	8.3	4 850	-20...+70	60 000 / 30 000	102 500	①
4414 FNH	225	132	**24**	18...26.4	55	6.7	■	12	5 400	-20...+70	60 000 / 30 000	102 500	②
4418 FNH	225	132	**48**	36...53	55	6.7	■	12	5 400	-20...+70	60 000 / 30 000	102 500	②

Subject to change



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 10302 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} measured at 1 m distance from fan axis.
The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions.
In the event of deviation from the standard configuration, the parameters must be checked after installation!
For detailed information see
http://www.ebmpapst.com/general conditions

