Information

DC axial fans

DC centrifugal fans

DC fans - specials

ACmaxx / EC fans

AC axial fans

AC centrifugal fans

Accessories

Representatives

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
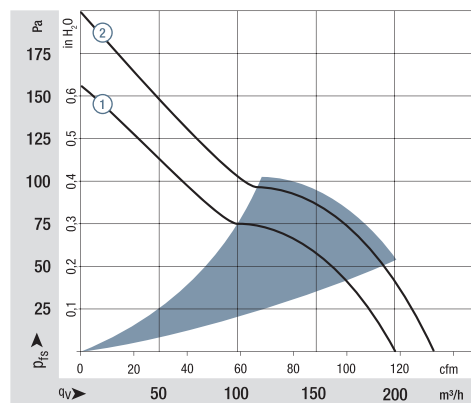- Analog control input
- Moisture protection
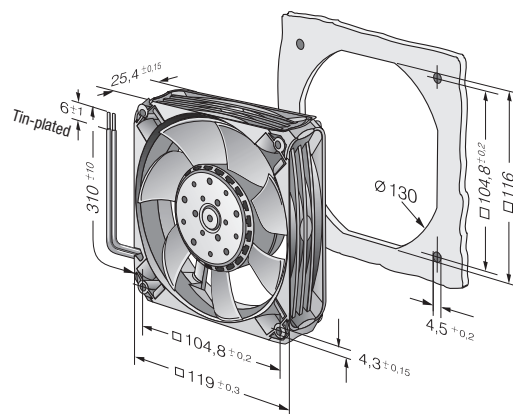
1) Fiberglass-reinforced plastic

Series 4400 FN

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 L₁₀ (40 °C) ebm-papst standard / Service life L₁₀ (T_max) ebm-papst standard	Life expectancy L₁₀IPC (40 °C) see page 17	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 LwA ISO 103002
measured on a hemisphere with a radius of 2 m.
Sound pressure level LpA 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

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