

Max. 285 m³/h

DC axial fans

□ 119 x 38 mm



- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Clockwise,
looking towards rotor
 - **Connection:** Via single wires AWG 24,
TR 64
 - **Weight:** 270 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
 - Degree of protection: IP 54

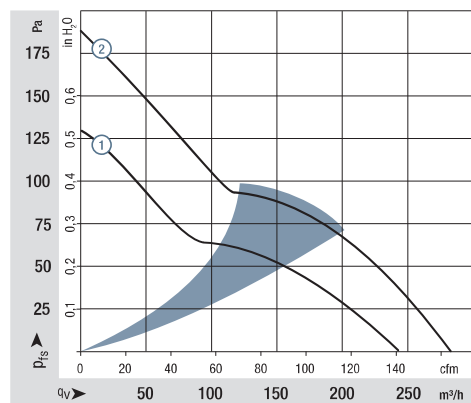
1) Fiberglass-reinforced plastic

Series 4400

Nominal data

Type	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter 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 ₁₀ IPC (40 °C) see page 17	Curve
	m ³ /h	cfm												
4412 H	240	141	12	7...14	50	6.0	■	8.6	4 300	-20...+70	57 500 / 27 500		97 500	①
4412/2 HHP	285	168	12	7...14.5	55	6.4	■	13.0	5 000	-20...+70	50 000 / 25 000		85 000	②
4414 H	240	141	24	18...28	50	6.0	■	8.6	4 300	-20...+70	57 500 / 27 500		97 500	①
4414 HH	285	165	24	16...28	55	6.4	■	14.0	5 000	-20...+70	50 000 / 25 000		85 000	②
4414/2 HHP	285	168	24	18...28	55	6.4	■	12.0	5 000	-20...+70	50 000 / 25 000		85 000	②
4418 H	240	141	48	36...60	50	6.0	■	8.6	4 300	-20...+70	57 500 / 27 500		97 500	①
4418/2 HHP	285	168	48	36...60	55	6.4	■	13.0	5 000	-20...+70	50 000 / 25 000		85 000	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 103002
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>

