

4414 H

# DC axial compact fan



## ebm-papst St. Georgen GmbH & Co. KG

Hermann-Papst-Str. 1  
D-78112 St. Georgen  
Phone +49 (0) 7724 81-0  
Fax +49 (0) 7724 81-1309  
info2@de.ebmpapst.com  
www.ebmpapst.com

## Nominal data

Type	4414 H	
Nominal voltage	VDC	24
Nominal voltage range	VDC	18 .. 28
Speed	min <sup>-1</sup>	4300
Power input	W	8.6
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m <sup>3</sup> /h	240
Sound power level	B	6.0
Sound pressure level	dB(A)	50

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit  
Subject to alterations



**Technical features**

<b>Mass</b>	0.250 kg
<b>Dimensions</b>	119 x 119 x 38 mm
<b>Material of impeller</b>	Fiberglass-reinforced PBT plastic
<b>Housing material</b>	Fiberglass-reinforced PBT plastic
<b>Direction of air flow</b>	Air exhaust over bars
<b>Direction of rotation</b>	Right, looking at rotor
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	57500 h
<b>Lifetime L10 at maximum temperature</b>	27500 h
<b>Connection line</b>	Single strands AWG 24, TR 64, bared and tin-plated.
<b>Motor protection</b>	Protected against reverse polarity and locking.

## Product drawing



## Charts: Air flow

