4606 N

AC axial compact fan



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Nominal data

Type	4606 N	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min^{-1}	3100
Power input	W	18.0
Min. ambient temperature	°C	-40
Max. ambient temperature	°C	90
Air flow	m^3/h	180
Sound power level	B	5.8
Sound pressure level	dB(A)	51

ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

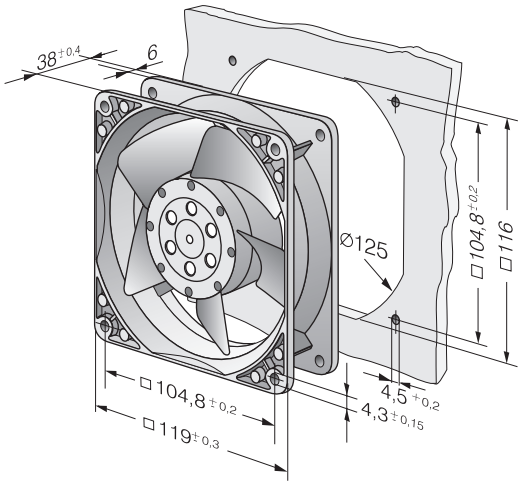
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Technical features

General description	AC voltage fan with external rotor shaded-pole motor. Protected from overload by impedance protection. Fan housing and fan impeller made of metal. Inlet over bars. Rotational direction clockwise looking at rotor. Types 4890 N and 4840 N air exhaust over bars. Electrical connection to 2 flat plugs 3.0 x 0.5 mm. Impeller with 3 or 5 blades, see note for fan type. Optionally available: variants with reinforced mounting flanges and single strands that are brought out. Fan housing with grounding lugs with M4 and UNC thread. Mass 550 g. Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.
Mass	0.550 kg
Dimensions	119 x 119 x 38 mm
Material of impeller	Metal
Housing material	Metal
Direction of air flow	Inlet over bars
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	40000 h
Lifetime L10 at maximum temperature	15000 h
Connection line	2 flat plugs 3.0 x 0.5 mm. Housing with grounding lugs for screw M4 and UNC.
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

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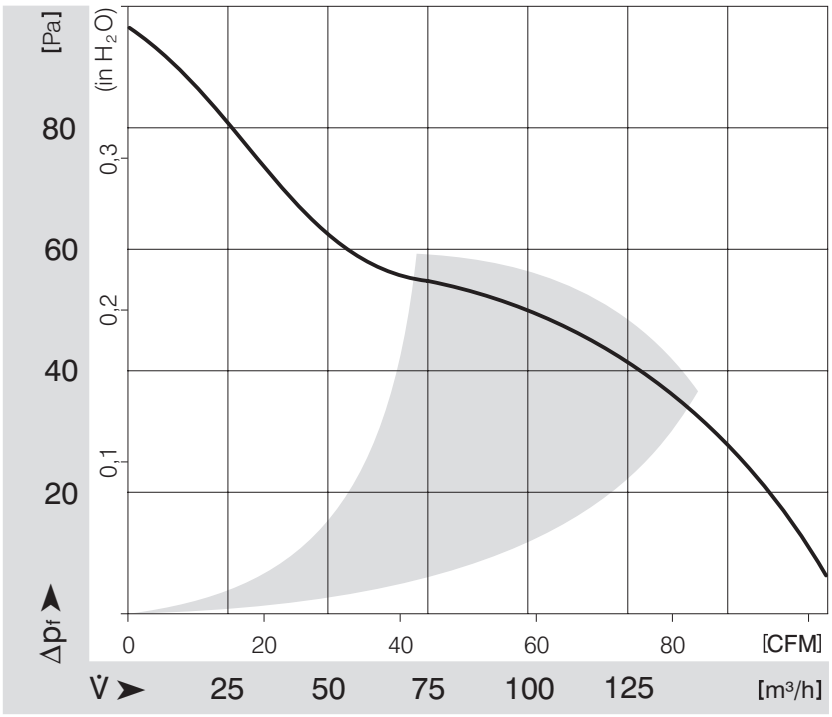
Product drawing



ebm-papst St. Georgen GmbH & Co. KG · Hermann-Papst-Straße 1 · D-78112 St. Georgen · Phone +49 7724 81-0 · Fax +49 7724 81-1309 · info2@de.ebmpapst.com · www.ebmpapst.com

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Charts: Air flow



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