3956 M

AC axial compact fan

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

Nominal data

Type	3956 M	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Speed	min^{-1}	2150
Power input	W	6.0
Min. ambient temperature	°C	-40
Max. ambient temperature	°C	80
Air flow	m^3/h	45
Sound power level	B	4.2
Sound pressure level	dB(A)	29

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

AC axial compact fan

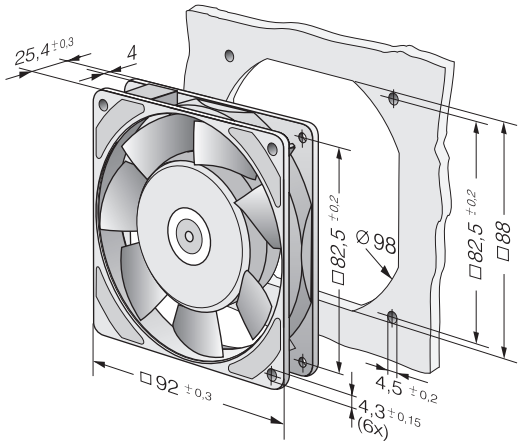
Technical features

General description	AC voltage fan with internal rotor shaded-pole motor. Protected from overload by impedance protection. Fan housing made of metal, impeller made of mineral-reinforced PA plastic. Air exhaust over bars. Rotational direction counter-clockwise looking at rotor. Electrical connection to 2 flat plugs 2.8 x 0.5 mm. Fan housing with grounding lug for M4 screw. Mass 280 g. Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.
Mass	0.280 kg
Dimensions	92 x 92 x 25 mm
Material of impeller	Mineral-reinforced PA plastic
Housing material	Metal
Direction of air flow	Air exhaust over bars
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	27500 h
Connection line	2 flat plugs 2.8 x 0.5 mm. Housing with grounding lug for M4 screw
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

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

AC axial compact fan

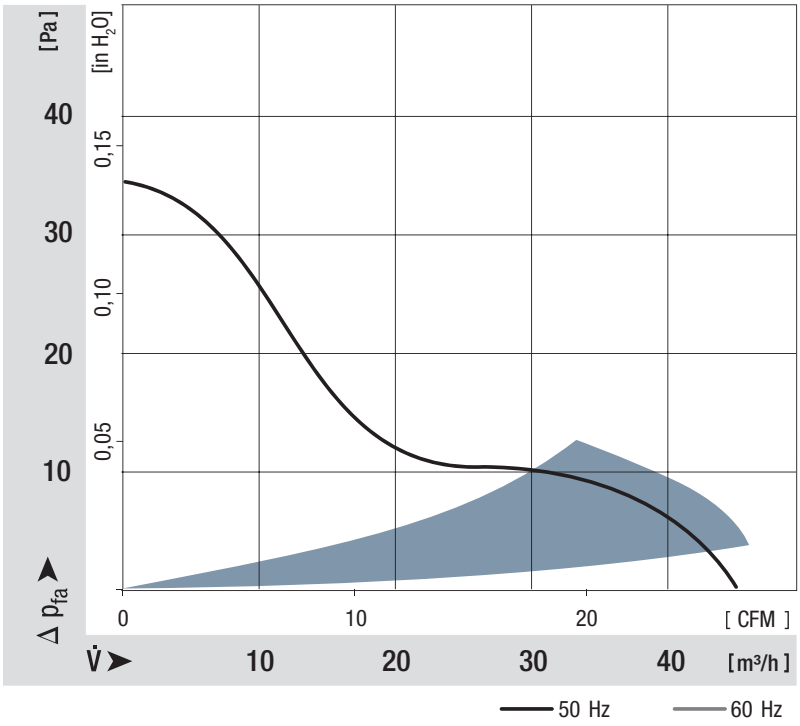
Product drawing



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

AC axial compact fan

Charts



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