

**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	AC 8300 H	
Phase		1~
Nominal voltage	VAC	115
Nominal voltage range	VAC	85 .. 265
Frequency	Hz	50/60
Speed	min <sup>-1</sup>	5000
Power input	W	8.3
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m <sup>3</sup> /h	80
Sound power level	B	6.2
Sound pressure level	dB(A)	48

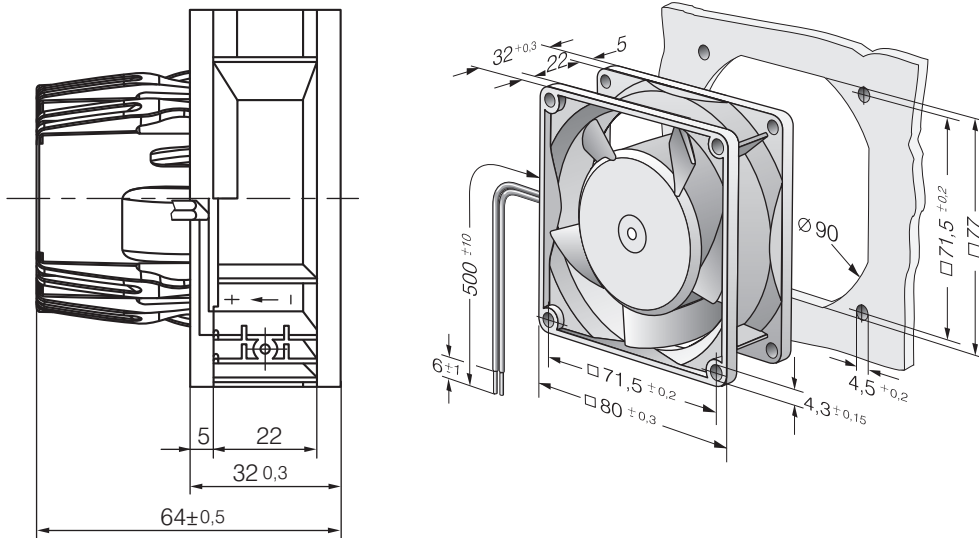
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit  
 Subject to alterations



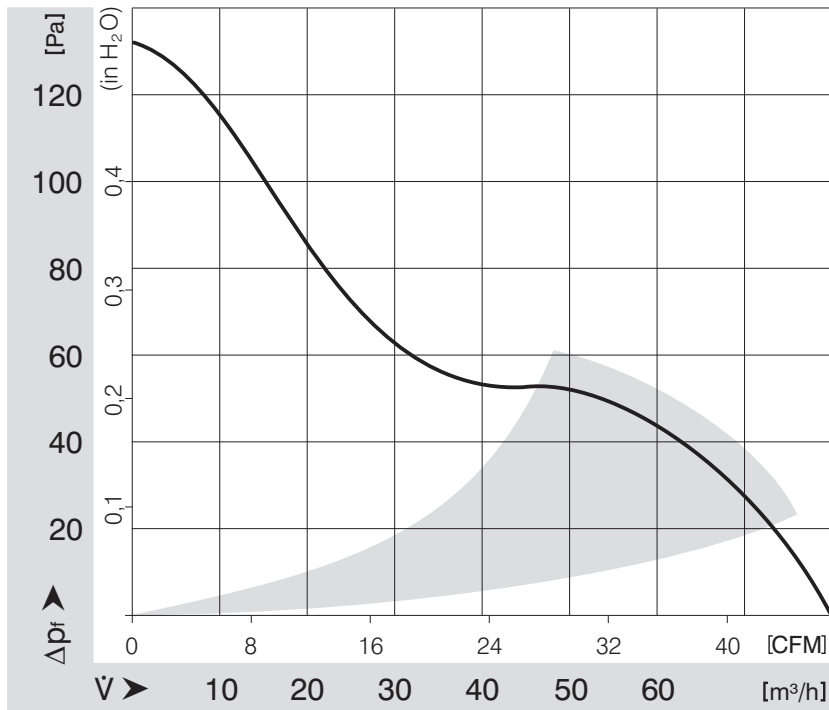
**Technical features**

<b>Mass</b>	0.325 kg
<b>Dimensions</b>	80 x 80 x 32 mm
<b>Material of impeller</b>	Fiberglass-reinforced PA plastic
<b>Housing material</b>	Fiberglass-reinforced PBTP 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>	55000 h
<b>Lifetime L10 at maximum temperature</b>	25000 h
<b>Connection line</b>	Single strands AWG 22, TR 64, bared and tin-plated.
<b>Locked-rotor protection</b>	Protected against reverse polarity and locking.
<b>Protection class</b>	IP 54
<b>Approval</b>	VDE, CSA, UL, CE, CCC

## Product drawing



## Charts: Air flow



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ebm-papst:](#)

[AC8300H](#)