4312 NGN

DC axial compact fan



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Nominal data

Type	4312 NGN	
Nominal voltage	[VDC]	12
Speed	[min^{-1}]	3000
Power input	[W]	4.0
Min. ambient temperature	[°C]	-20
Max. ambient temperature	[°C]	70
Air flow	[m^3/h]	166
Sound power level	[B]	5.6
Sound pressure level	[dB(A)]	43

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

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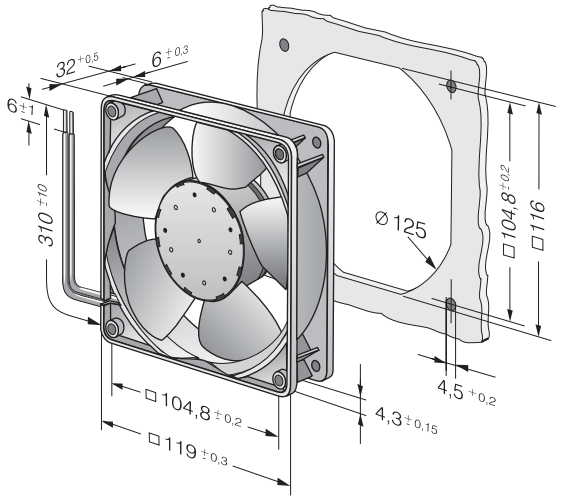
Technical features

Dimensions	119 x 119 x 32 mm
General description	Electronic commutation completely integrated.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Locked-rotor protection	Blocking and overload protection
Direction of protection	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Sintec sleeve bearing
Lifetime L10 at 40 °C	60000 h
Lifetime L10 at maximum temperature	30000 h
Mass	0.230 kg
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Option	Vario-Pro
Approval	VDE, CSA, UL, CE

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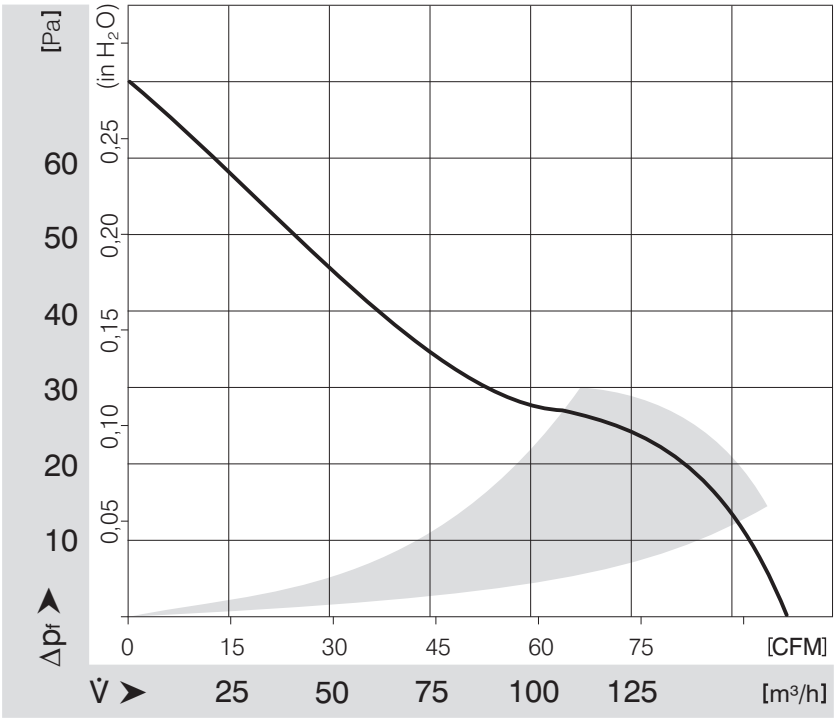
Product drawing



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Charts: Air flow



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