4212 NHH

DC axial compact fan



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Nominal data

Type	4212 NHH	
Nominal voltage	[VDC]	12
Speed	[min^{-1}]	3500
Power input	[W]	7.5
Min. ambient temperature	[°C]	-20
Max. ambient temperature	[°C]	60
Air flow	[m^3/h]	205
Sound power level	[B]	6.1
Sound pressure level	[dB(A)]	49

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

DC axial compact fan

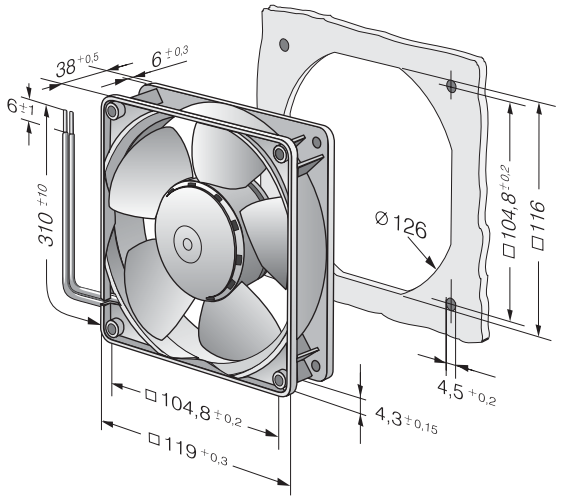
Technical features

Dimensions	119 x 119 x 38 mm
General description	DC fan with electronically commutated external rotor motor. Commutation electronics completely integrated.
Connection line	2 single strands AWG 22, TR 64
Locked-rotor protection	Blocking and overload protection
Direction of protection	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	50000 h
Lifetime L10 at maximum temperature	30000 h
Mass	0.230 kg
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Reverse-polarity protected. The fan runs only if the polarity is correct.
Approval	VDE, CSA, UL, CE

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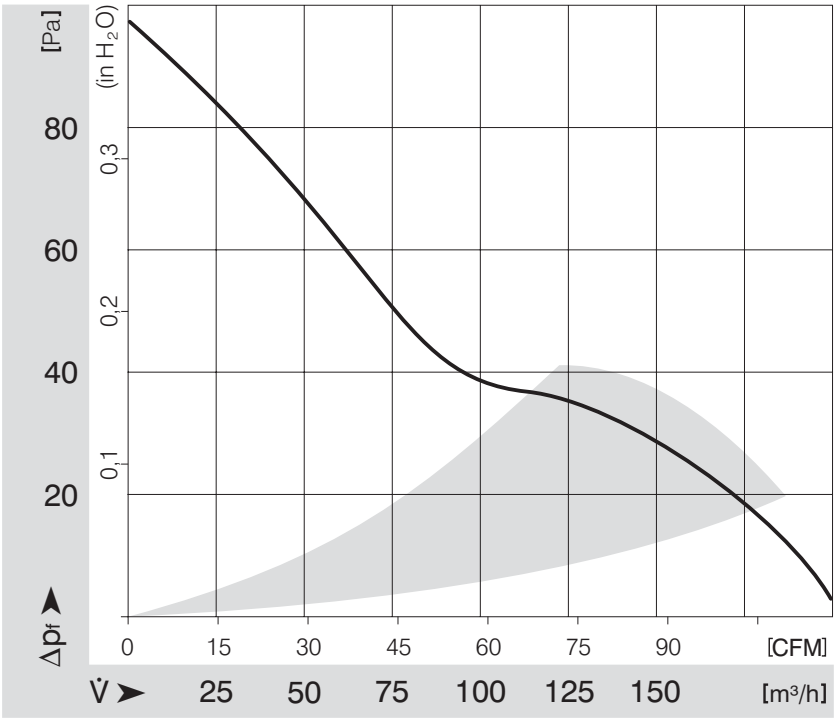
Product drawing



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Charts: Air flow



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