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Nominal data

Type	3312 GM	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 15
Speed	min ⁻¹	2600
Power input	W	1.8
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m ³ /h	68
Sound power level	B	4.8
Sound pressure level	dB(A)	34

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



Technical features

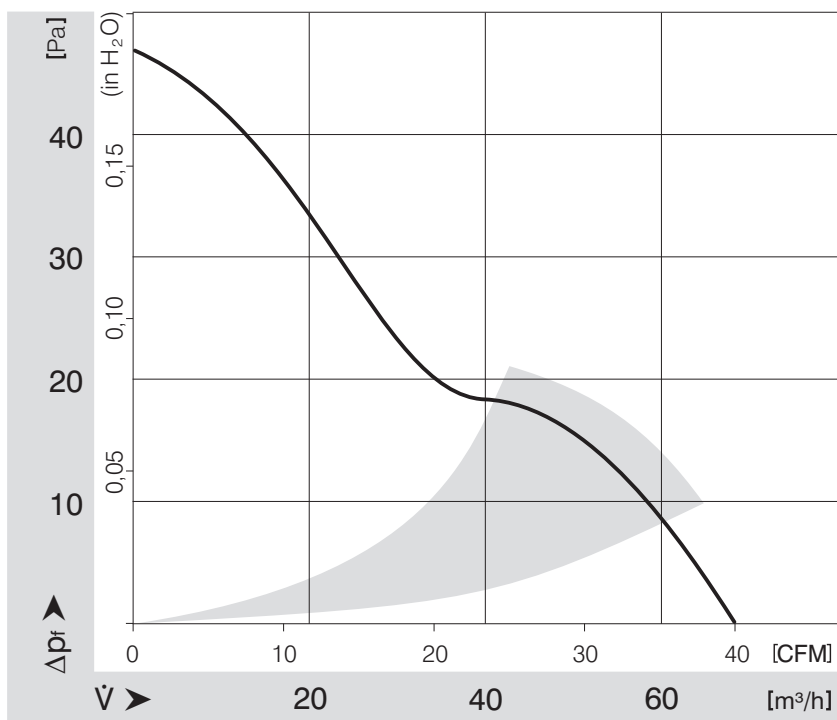
Housing material	Fibreglass-reinforced plastic (PBT)
Impeller material	Fibreglass-reinforced plastic (PA)
Mass	0.190 kg
Dimensions	92 x 92 x 32 mm
Direction of air flow	Air exhaust over bars
Direction of rotation	Right, looking at rotor
Bearing	Sintec sleeve bearing
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	30000 h
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	Blocking and overload protection
Approval	VDE, CSA, UL, CE

DC axial compact fan

Technical drawing of the cooling fan assembly showing dimensions and tolerances:

- Top view dimensions: $32^{+0,3}$, 5 , $\square 82,5^{+0,2}$, $\square 88$.
- Side view dimensions: $\varnothing 108$, $4,5^{+0,2}$, $4,3^{+0,15}$.
- Front view dimensions: 310^{+10} , 6^{+1} , $\square 82,5^{+0,2}$, $\square 92^{+0,3}$.

Charts: Air flow



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