RL 65-21/12

DC centrifugal compact fan

single inlet



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Nominal data

Type	RL 65-21/12	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6.8 .. 13.8
Speed	min^{-1}	4500
Power input	W	15
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	56
Sound power level	B	6.6

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

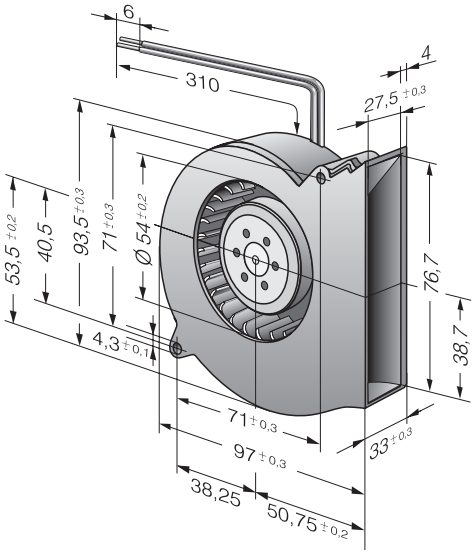
Dimensions	97 x 93.5 x 33 mm
General description	Particular design features: Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application. Pressure-optimised blower. Noise-optimised air outlet in the scroll housing. Forward-curved impeller. Integrated contact latches for efficient installation. General features: Scroll housing and impeller made of fibreglass-reinforced plastic. Electronic commutation completely integrated. Protected against reverse polarity and locking. Direction of air flow: axial air intake, centrifugal air exhaust out of the outlet. Connection via single strands AWG 26, TR 64, bared and tin-plated. Mass: 170 g.
Connection line	Single strands AWG 26, TR 64, bared and tin-plated.
Locked-rotor protection	Electronic blocking protection
Direction of air flow	Axial air intake, centrifugal air exhaust out of the outlet.
Bearing	Ball bearings
Lifetime L10 at 40 °C	60000 h
Lifetime L10 at maximum temperature	30000 h
Mass	0.170 kg
Housing material	Scroll housing of fiberglass-reinforced plastic.
Material of impeller	Fiberglass-reinforced plastic
Motor protection	Protected against reverse polarity and locking.
Approval	CE

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Product drawing

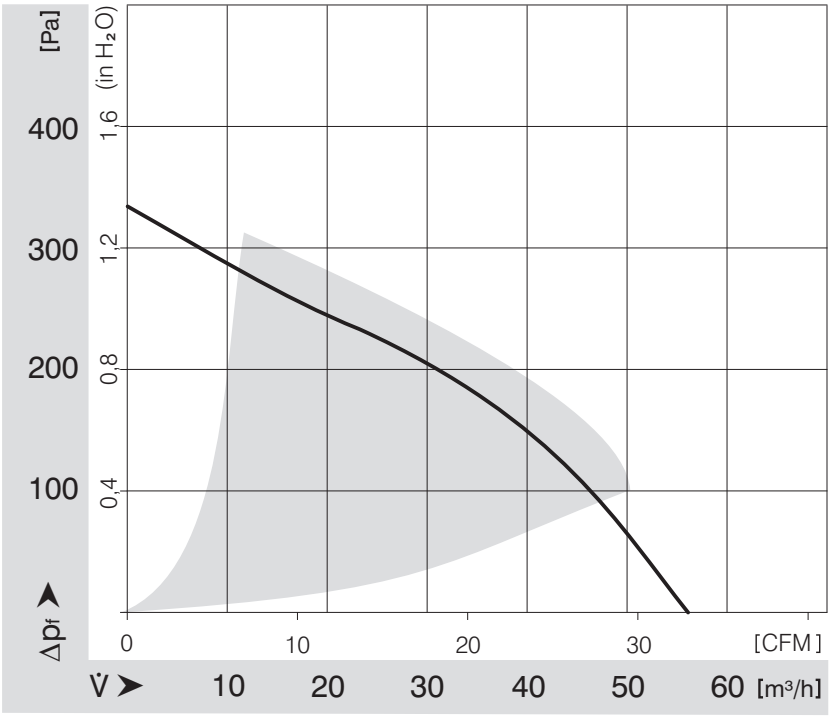


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Charts: Air flow



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