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Nominal data

Type	424 JN	
Nominal voltage	VDC	24
Nominal voltage range	VDC	16 .. 28
Speed (rpm)	min ⁻¹	14250
Power consumption	W	4.3
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	31
Sound power level	B	6.0
Sound pressure level	dB(A)	48

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

Weight	0.045 kg
Dimensions	40 x 40 x 28 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Glass-fiber reinforced PBT plastic
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 20 °C	67.500 h
Service life L10 at 60 °C	35.000 h
Cable	With leads AWG 28, UL 1061
Approval	VDE, CSA, UL
Option	Possible custom designs: Speed signal Go / No-go alarm External temperature sensor PWM control input Moisture protection Salt spray protection



Technical drawing of the 3D-printed part showing dimensions and assembly details:

- Top view dimensions: $40 \pm 0,15$ (width), $28 \pm 0,25$ (depth), and $3 \pm 0,15$ (filament guide offset).
- Side view dimensions: $32 \pm 0,3$ (height), $38,4 \pm 0,25$ (total height), and $0 4,5 \pm 0,2$ (filament guide offset).
- Front view dimensions: 310 ± 10 (length), 6 ± 1 (filament guide offset), and $0 3,7 \pm 0,15$ (filament guide offset).
- Internal features: A central circular hole with diameter $\varnothing 42,5 \pm 0,3$ and a smaller hole with diameter $\varnothing 4,5 \pm 0,2$.
- Assembly: The part is shown with a filament guide (3) and a filament (4) inserted into the central hole.

Curves

