

422JN

DC axial fan



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Nominal data

Type	422JN	
Phase		1~
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 13,8
Speed (rpm)	min ⁻¹	14250
Power consumption	W	4.1
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

General description	Very pressure-insensitive characteristic curve for high air flow at high back pressure. Low operating noise at high back pressure.
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
Part no.	422JN
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

Curves

