



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Nominal data

Type	422JM	
Phase		1~
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 13,8
Speed (rpm)	min ⁻¹	11400
Power consumption	W	2.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	24
Sound power level	B	5.5
Sound pressure level	dB(A)	42

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. Standard version with PWM control input and speed signal. Other inputs and outputs on request.
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.	422JM
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 20 °C	75.000 h
Service life L10 at 60 °C	37.500 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 3000 series fan assembly, showing dimensions in mm. The drawing includes a perspective view of the fan unit and a side view of the mounting bracket.

Dimensions (mm):

- Top flange thickness: 6 ± 1
- Top flange height: 310 ± 10
- Top flange width: $3 \pm 0,15$
- Bottom flange thickness: $\emptyset 3,7 \pm 0,15$
- Bottom flange width: $40 \pm 0,15$
- Bottom flange height: $28 \pm 0,25$
- Bottom flange diameter: $\emptyset 42,5 \pm 0,3$
- Bottom flange hole diameter: $\emptyset 4,5 \pm 0,2$
- Bottom flange hole spacing: $32 \pm 0,3$
- Bottom flange hole diameter: $\emptyset 38,4 \pm 0,25$

Curves

