

DV 5214 N

DC diagonal compact fan

sickled blades (S series)



ASIA PACIFIC SHENGRUI LIMITED
Phone +00852 56261528
info@apacfan.com
www.apacfan.com

Nominal data

Type	DV 5214 N	
Nominal voltage	VDC	24
Nominal voltage range	VDC	16 .. 30
Speed	min ⁻¹	5000
Power input	W	20.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m ³ /h	270
Sound power level	B	6.4
Sound pressure level	dB(A)	56

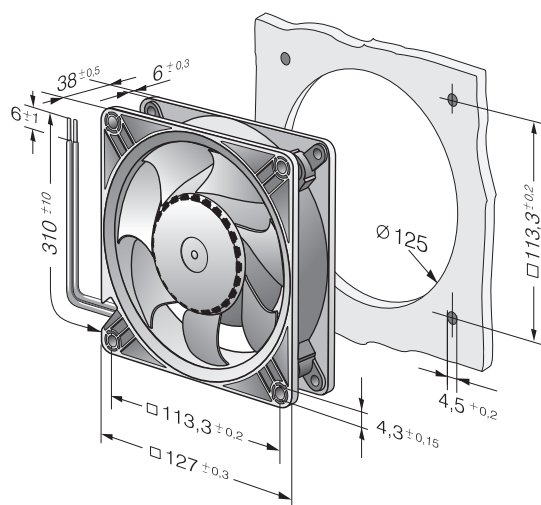
ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

Dimensions	127 x 127 x 38 mm
General description	<p>Particular design features:</p> <p>Diagonal fan with low noise when there is a high pressure saddle curve.</p> <p>Rigid compression curve for high air flow at high counterpressure.</p> <p>Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application.</p> <p>DV 5214 /2HP with PWM control input and speed signal, other inputs and outputs on request.</p> <p>General features:</p> <p>Housing made of fibreglass-reinforced plastic, optionally of aluminium. Flange made of metal.</p> <p>Impeller made of fibreglass-reinforced PA; housing with grounding lug for screw M4 x 8 (Torx).</p> <p>Electronic commutation completely integrated. Protected against reverse polarity and locking.</p> <p>Connection via single strands AWG 22, TR 64, bared and tin-plated.</p> <p>Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor.</p> <p>Mass: 415 g (with metal housing: 490 g).</p>
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Locked-rotor protection	With electronic blocking and overload protection
Direction of rotation	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	40000 h
Mass	0.415 kg
Housing material	Fiberglass-reinforced PBT plastic. Optionally of aluminum. Housing with grounding lug for screw M4 x 8 (TORX).
Material of impeller	Fiberglass-reinforced PA plastic, metal flange
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL, CE

Product drawing



Charts: Air flow

