

DV 4118 N

DC diagonal compact fan

sickled blades (S series)



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Nominal data

Type	DV 4118 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 60
Speed	min ⁻¹	6000
Power input	W	21.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m ³ /h	275
Sound power level	B	6.7
Sound pressure level	dB(A)	60

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

Technical features

Dimensions	119 x 119 x 38 mm
General description	Diagonal fan with low noise when there is a high pressure saddle curve. Rigid compression curve for high air flow at high counterpressure. Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customizable solution to meet the individual requirements of your application. Electronic commutation completely integrated.
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	0.375 kg
Housing material	Aluminum with grounding lug for screw M4 x 8 (TORX).
Material of impeller	Fiberglass-reinforced PA plastic.
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL, CE

Charts: Air flow

