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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	20
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m ³ /h	280
Sound power level	B	6.9
Sound pressure level	dB(A)	1

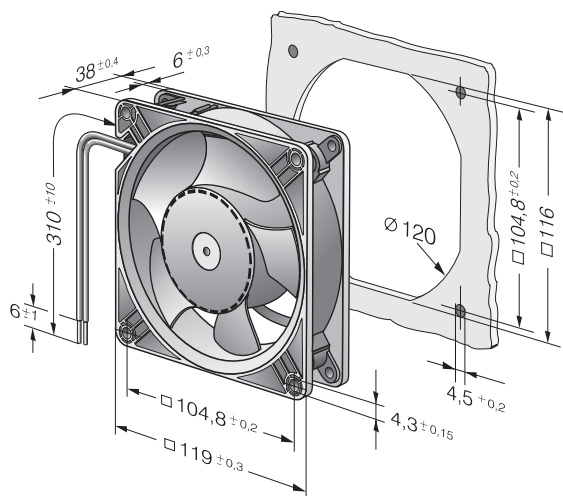
ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

Dimensions	119 x 119 x 38 mm
General description	Particular design features: 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 customisable solution to meet the individual requirements of your application. General features: Housing made of aluminium, impeller made of fibreglass-reinforced PA; housing with grounding lug for M4 x 8 screw (Torx). Electronic commutation completely integrated. Protected against reverse polarity and locking. Connection via single strands AWG 22, TR 64, bared and tin-plated Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 375 g (with metal housing: 455 g).
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

Product drawing



Charts: Air flow

