

4114 N/2H7P

# DC axial compact fan



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## Nominal data

Type	4114 N/2H7P	
Nominal voltage	VDC	24
Nominal voltage range	VDC	16 .. 30
Speed	min <sup>-1</sup>	9500
Power input	W	90
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m <sup>3</sup> /h	500
Sound power level	B	8.5
Sound pressure level	dB(A)	76

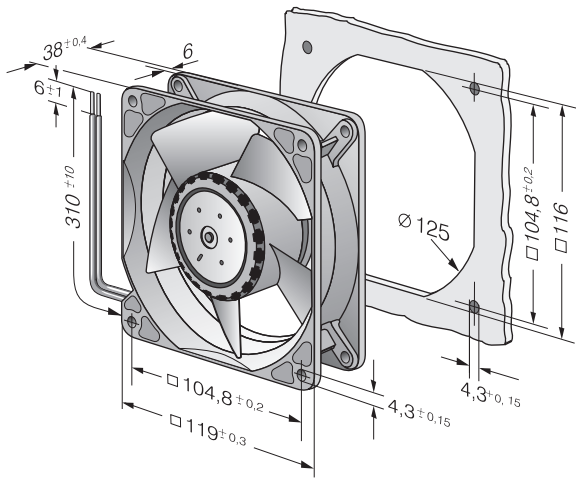
ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit  
Subject to alterations



## Technical features

<b>Dimensions</b>	119 x 119 x 38 mm
<b>General description</b>	<p>Particular design features:</p> <p>Very rigid compression curve for high air flow at high counterpressure.</p> <p>Low operating noise level at high counterpressure.</p> <p>Standard model with PWM control input and speed signal, other inputs and outputs on request.</p> <p>Very smooth running 3-phase fan drive.</p> <p>General features:</p> <p>Housing made of aluminium, impeller made of fibreglass-reinforced PA; housing with grounding lug for M4 x 8 screw (Torx).</p> <p>Protected against reverse polarity and locking.</p> <p>Connection via single strands AWG 20, sensor and control strands AWG 22, UL1007, TR 64 bared and tin-plated.</p> <p>Inlet over bars. Rotational direction clockwise looking at rotor.</p> <p>Mass: 425 g.</p>
<b>Connection line</b>	Single strands AWG 20, sensor and control strands AWG 22, UL 1007, TR 64, bared and tin-plated.
<b>Direction of rotation</b>	Clockwise, looking at rotor
<b>Direction of air flow</b>	Inlet over bars
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	57500 h
<b>Lifetime L10 at maximum temperature</b>	25000 h
<b>Mass</b>	0.425 kg
<b>Housing material</b>	Aluminum with grounding housing for screw M4 x 8 (TORX).
<b>Material of impeller</b>	Fiberglass-reinforced PA plastic
<b>Motor protection</b>	Protected against reverse polarity and locking.

## Product drawing



## Charts: Air flow

