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**Nominal data**

Type	4312	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 15
Speed	min <sup>-1</sup>	2800
Power input	W	5.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m <sup>3</sup> /h	170
Sound power level	B	5.8
Sound pressure level	dB(A)	45

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit  
 Subject to alterations



**Technical features**

<b>Mass</b>	0.220 kg
<b>Dimensions</b>	119 x 119 x 32 mm
<b>Material of impeller</b>	Fiberglass-reinforced PA plastic
<b>Housing material</b>	Fiberglass-reinforced PBT plastic
<b>Direction of air flow</b>	Air exhaust over bars
<b>Direction of rotation</b>	Right, looking at rotor
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	62500 h
<b>Lifetime L10 at maximum temperature</b>	27500 h
<b>Connection line</b>	Single strands AWG 22, TR 64, bared and tin-plated.
<b>Motor protection</b>	Protected against reverse polarity and locking.
<b>Locked-rotor protection</b>	Blocking and overload protection
<b>Approval</b>	VDE, CSA, UL, CE



## Product drawing



## Charts: Air flow

