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**Nominal data**

Type	614 NHH	
Nominal voltage	VDC	24
Nominal voltage range	VDC	18 .. 26
Speed	min <sup>-1</sup>	6850
Power input	W	3.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m <sup>3</sup> /h	56
Sound power level	B	5.7
Sound pressure level	dB(A)	41

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>	60 x 60 x 25 mm
<b>General description</b>	<p>Particular design features:</p> <p>Ball bearings and sleeve bearings available.</p> <p>Some models suitable for use at high ambient temperatures up to 85 °C.</p> <p>General features:</p> <p>Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.</p> <p>Electronic commutation completely integrated.</p> <p>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. Rotational direction clockwise looking at rotor.</p> <p>Mass: 66 g.</p>
<b>Connection line</b>	Single strands AWG 22, TR 64, bared and tin-plated.
<b>Locked-rotor protection</b>	With electronic blocking and overload protection
<b>Direction of rotation</b>	Right, looking at rotor
<b>Direction of air flow</b>	Air exhaust over bars
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	60000 h
<b>Lifetime L10 at maximum temperature</b>	30000 h
<b>Mass</b>	0.066 kg
<b>Housing material</b>	Fiberglass-reinforced PBTP plastic
<b>Material of impeller</b>	Fiberglass-reinforced PA plastic
<b>Motor protection</b>	Protected against reverse polarity and locking.
<b>Approval</b>	VDE, CSA, UL, CE

## Product drawing



Charts: Air flow

