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Nominal data

Type	614 NHH-119	
Nominal voltage	VDC	24
Nominal voltage range	VDC	18 .. 28
Speed (rpm)	min ⁻¹	6850
Power consumption	W	2.9
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	56
Sound power level	B	5.7
Sound pressure level	dB(A)	41

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.066 kg
Dimensions	60 x 60 x 25 mm
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	60000 h
Service life L10 at maximum temperature	30000 h
Cable	Leads AWG 22, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	With electronic locked-rotor and overload protection
Approval	VDE, CSA, UL, CE
Option	Possible custom designs: Speed signal Go / No-go alarm Moisture protection Degree of protection: IP54 / IP68

Technical drawing of the cooling fan assembly (Fig. 1). The drawing shows a perspective view of the fan mounted on a square plate. Dimensions are given in mm. The fan has a square frame with a side length of 60 ± 0.3 mm. The fan blades are 310 ± 10 mm in length. The mounting plate has a square outer dimension of 58 mm and a square inner dimension of 50 mm. The fan is mounted on the plate with four screws. The distance between the screws is 25.4 ± 0.3 mm. The fan has a central hub with a diameter of $\varnothing 64$ mm. The fan is connected to a power source via a cable. The drawing includes various dimension lines and tolerances.

Curves: Air performance

