



NOCTUA NF-A14 industrialPPC-24V-3000 Q100 IP67 PWM

140x140x25mm Fan

industrialPPC
by NOCTUA

Conceived for industrial heavy-duty applications that require enhanced cooling performance and advanced ingress protection, the NF-A14 industrialPPC (Protected Performance Cooling) is a ruggedised high-speed version of the award-winning retail model. The 24V Q100 variant uses Noctua's AEC-Q100 qualified wide input range NE-FD4 motor driver IC in order to support 24V-based industrial and automotive applications. Its sophisticated inrush current suppression and extreme electrical robustness with extended burst and surge immunity allow it to operate safely in sensitive or hostile electronic environments. Thanks to the outstanding aerodynamic efficiency of the NF-A14 design and the use of a novel three-phase motor, the industrialPPC version provides superior airflow and pressure capacity while keeping noise and power consumption at a moderate level as against comparable high-speed fans. While its fibre-glass reinforced polyamide construction and certified water and dust protection make the NF-A14 industrialPPC suitable for operation in challenging surroundings, the renowned SSO2 bearing technology guarantees an MTTF of over 150,000hrs. Topped off with Noctua's trusted reliability and 6-year manufacturer's warranty, the NF-A14 industrialPPC is an ideal choice for highly demanding applications that require superior flow rates and ultimate dependability.

Dimensions	140x140x25 mm
Bearing	SSO2
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO (Advanced Acoustic Optimisation)
IP rating / connector	67 / 4-pin PWM
Input power / voltage	7.92 W / 24 V
MTTF	> 150,000 h

Max. rotational speed 12V (+/-10%)	1800 RPM
Max. rotational speed 24V (+/-10%)	3000 RPM
Max. airflow	269.3 m ³ /h
Max. acoustical noise	41.3 dB(A)
Max. static pressure	6.58 mmH ₂ O

Product Name
Noctua NF-A14 industrialPPC-24V-3000
Q100 IP67 PWM

EAN
9010018100211

UPC
842431012609

Packaging dimensions (HxWxD)
200x190x34 mm

Weight incl. packaging
315 g

Warranty
6 years

Packaging unit
20 pcs

Packaging dimensions / unit (HxWxD)
410x400x200 mm

Weight incl. packaging / unit
7.30 kg

Scope of delivery
Fan, 4 fan screws

