



NOCTUA NF-A14 industrialPPC-3000 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. 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 levels and power consumption moderate 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 environments, the renowned SS02 bearing technology guarantees an MTTF of over 150,000hrs. Topped off with Noctua's trusted reliability and 6 years 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	SS02
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO (Advanced Acoustic Optimisation)
IP rating / connector	52 / 4-pin PWM
Input power / voltage	6.6 W / 12 V
MTTF	> 150,000 h

Max. rotational speed (+/-10%)	3000 RPM
Max. airflow	269.3 m³/h
Max. acoustical noise	41.3 dB(A)
Max. static pressure	6.58 mmH ₂ O

Product Name
Noctua NF-A14 industrialPPC-3000 PWM

EAN
4716123315452

UPC
842431014412

Packaging dimensions (HxWxD)
200x190x34 mm

Weight incl. packaging
305 g

Warranty
6 years

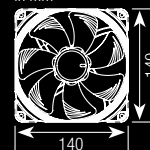
Packaging unit
20 pcs

Packaging dimensions / unit (HxWxD)
460x420x230 mm

Weight incl. packaging / unit
7.50 kg

Scope of delivery
Fan, 4 fan screws

in mm





3 pin 12V fans (non-PWM)



- Yellow = RPM Speed Signal
- Red = +12V
- Black = Ground (GND)

4 pin 12V fans (PWM)



- Blue = PWM Signal (+5V)
- Green = RPM Speed Signal
- Yellow = +12V
- Black = Ground (GND)