**Channel fan EPK 31/6 B**

Features

Installation in rectangular ventilation channels.

Galvanised housing with externally fitted terminal box.

Reduced space requirement due to compact dimensions.

Flange profiles fitted on the inlet and outlet sides.

Centrifugal impeller made of galvanised steel, with forward curved blades.

Directly driven impeller located on the motor shaft.

Statically and dynamically balanced in accordance with DIN ISO 1940, balance quality 6.3.

High degree of protection IP 55.

Use ELP flexible coupling to prevent transmission of vibrations onto the channel system.

Air flow direction

Airstream and rotational directions are indicated by arrows marked on the fan housing

Motor

Motor designed for continuous operation.

Robust motor with ball bearings, maintenance-free.

AC motor

EPK model series.

Thermal overload protection as standard feature.

Thermal contacts must be connected to an MVE 10 protective motor switch or the control circuit of a contactor.

Capacitor motors with operating capacitor ready for use in terminal box.

Electrical connection

Terminal box with cable sleeves fitted on the outside.

50 Hz power frequency.

Special versions

The following special versions are available at extra cost on request:

Special voltages and frequencies.

Condensation drainage holes.

Fans with enhanced anti-corrosion protection.

Information on operation at temperatures occasionally below -20°C available upon request.

If operating with frequency converters, the factory must be consulted.

Feasibility must be checked in each case.

Technical data

|  |  |
| --- | --- |
| Article: | EPK 31/6 B |
| Air flow volume: | 3.500 m³/h |
| Rotating speed: | 930 1/min |
| Speed controllable: | ✔ |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Nominal output: | 450 W |
| Inom: | 2,3 A |
| Imax: | 4,9 A |
| Degree of protection: | IP 55 |
| Insulation class: | F |
| Mains cable: | 3 x 1,5 mm² |
| Installation position: | vertical / horizontal |
| Weight: | 48 kg |
| Weight including packaging: | 47 kg |
| Channel dimension: | 600 mm x 350 mm |
| Width with packaging: | 800 mm |
| Height with packaging: | 500 mm |
| Depth with packaging: | 770 mm |
| Airstream temperature at nominal current: | 65 °C |
| Airstream temperature at IMax: | 60 °C |
| Packing unit: | 1 piece |
| Range: | D |
| GTIN (EAN): | 4012799866565 |
| Article number: | 0086.0656 |

Manufacturer: MAICO

EPK 31/6 B Channel fan