**Channel fan EPK 31/6 A**

Features

Channel centrifugal fans for direct installation in rectangular ventilation channels, without deflections and without the use of additional transition pieces.

Intake channel designed with good aerodynamics. The air flows in and out in the same direction

High pressure and large air volume.

Fans with IP 55 degree of protection. Degree of protection tested in accordance with DIN VDE 0530, part 5

Insulation to protect against moisture and tropical conditions.

Motors with ball bearings. Maintenance-free. Plastic powder-coated.

Explosion proof models with external rotor motors with IP 44 degree of protection.

High-performance impeller with blades folded forwards. Aerodynamic design, optimum efficiency, quiet, statically and dynamically balanced.

Galvanised housing, compact, space-saving design, external terminal box.

Flange profiles fitted on the inlet and outlet sides.

Motor protection from in-built thermal contacts, provided in the terminal box. The thermal contacts must be connected according to the wiring diagrams otherwise warranty claims will be rejected.

If using the TRE or TRV 5-step transformers or the MVE 10 or MV 25 motor protection switches, additional standard motor protection switches are not needed!

Suited to channel installation in any position.

AC motor

EPK model series

230 V AC, 50 Hz.

Capacitor attached on housing / in terminal box and wired in terminal box.

Motor protection interconnected in series with the motor winding as standard and switching directly. If a fault message is displayed or if automatic starting of motor after a fault is prevented, the thermal contacts should be inserted in a contactor's control circuit.

Technical data

|  |  |
| --- | --- |
| Article: | EPK 31/6 A |
| Rotating speed: | 930 1/min |
| Rated voltage: | 230 V |
| Power consumption: | 810 W |
| Imax: | 4,4 A |
| Degree of protection: | IP 55 |
| Weight: | 41,5 |
| Packing unit: | 1 piece |
| Article number: | 0086.0616 |

Manufacturer: MAICO

EPK 31/6 A Channel fan