**Sound-insulated channel fan DSK 31/4**

Features

Installation in rectangular ventilation channels.

With sound absorbing rock wool, laminated with silk glass, to meet the increased requirements of especially low noise levels.

Reduced space requirement due to the compact dimensions.

Flange profiles fitted on the inlet and outlet sides. Exception: DSK 31/4 without flange profile, threaded bushes are fitted directly on the housing for mounting attachments.

Centrifugal impeller with backwards curved blades.

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

Use ELP flexible coupling to prevent transfer 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.

Speed controllable with MFU frequency converter or transformer.

Robust motor with ball bearings, maintenance-free.

Thermal overload protection as standard feature.

Potential-free terminal connections, which must be connected to an MV 25 protective motor switch or the control circuit of a contactor.

Mounting instructions

Can be fitted in any position.

Technical data

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| Article: | DSK 31/4 |
| Air flow volume: | 3.330 m³/h |
| Rotating speed: | 1.350 1/min |
| Speed controllable: | ✔ |
| Rated voltage: | 400 V |
| Nominal output: | 490 W |
| Imax: | 1,3 A |
| Degree of protection: | IP 44 |
| Insulation class: | F |
| Mains cable: | 5 x 1,5 mm² |
| Installation position: | vertical / horizontal |
| Weight: | 44 kg |
| Weight including packaging: | 47,5 kg |
| Swivellable: | ✔ |
| Swivelling fan: | ✔ |
| Channel dimension: | 600 mm x 350 mm |
| Width with packaging: | 825 mm |
| Height with packaging: | 520 mm |
| Depth with packaging: | 695 mm |
| Airstream temperature at IMax: | -20 °C up to 60 °C |
| Packing unit: | 1 piece |
| Range: | D |
| GTIN (EAN): | 4012799866459 |
| Article number: | 0086.0645 |

Manufacturer: MAICO

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