Type: EL 280 E2 02

Item number: 115334

Description:

Variable mounting position, horizontal and vertical installation possible. Direct in-line installation in the tube network. Integrated mounting bracket for easy mounting. Housing made of galvanized steel sheet. ETALINE sets the standard for high efficiency in the entire performance range. Due to the high efficiency achieved through the aerodynamics of the fan, together with the integrated engine, the entire range could be kept compact and weight-optimized.

Diagonal fan with three-dimensionally shaped impeller blades and a three-dimensionally shaped diffuser downstream. This results in the highest possible aerodynamic efficiency. The impeller is balanced in two planes according to G6.3 DIN ISO

1970. The motor is protected in the hub area and exerts no disturbing influence on the aerodynamics. A built-in thermostatic switch protects the motor against overload. The high efficiency of the ETALINE fan is based on its aerodynamic quality. Due to the axial flow, this series significantly minimizes the installation losses, in comparison with centrifugal fans. With integrated asynchronous capacitor motors, designed for voltage control by transformer. The electrical connection is to be done via the cable lead out through the housing or in the mounted terminal box.

CE marking according to EC Declaration of Conformity for Electromagnetic Compatibility EMC - Directive 2004/108/EC. EC - Declaration of Incorporation according to the Machinery Directive 2006/42/EC - Directive 2009/125/EC (Reg.

1253/2014/EU).

Technical data:

Volumetric flow (V): m³/h Pressure increase (Δp fa): Pa Efficiency static max. (η fa): 50,8 % Efficiency total max. (ηt): 55,0 %

Rated voltage (U): 230, 1~ V Rated frequency (f): 50 Hz Rated power consumption (P N): 270 W Current consumption max. (I max.): 1,6 A Rated speed (n): 2810 min-1

Protection class motor: IP 00

Protection class terminal box: IP 44

|  |  |  |
| --- | --- | --- |
| Ambient temperature max. (t A): Medium temperature max. (tM): | 55 °C  55 °C |  |
| Casing sound power level (L WA2): | 58 dB(A) |
| Inlet sound power level (L WA5): | 75 dB(A) |
| Outlet sound power level (LWA6): | 79 dB(A) |
| Dimensions (L x H): Connection diameter: Weight: | 308x290 mm  Ø280 mm  8,7 kg | (incl. terminal box) |
| Wiring diagram: | 116403 |  |

Manufacturer:

ruck Ventilatoren GmbH Max-Planck-Str. 5

97944 Boxberg

Tel. 07930-9211300 [www.ruck.eu](http://www.ruck.eu/)

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| Available accessories:  VM 280 | 115494 | Fast clamps, 1 set = 2 pcs., size 280 |
| SDS 280 | 115243 | Silencer rigid, 1m, sound insulation 50mm, size 280 |
| SG 280 02 | 115066 | Inlet protection grille for Etaline size 280 |
| UKR 5030 02 | 115193 | Adapter plate round DN280 to square 500x300mm |
| GS 01 | 102787 | Isolator switch |
| TEE 015 | 115893 | 5-step transformer box without connection for motor protection, IP54 |
| TES 0145 | 111858 | 7-step transformer without motor protection, for switch cabinet, IP20 |