Type: EL 160 E2M 01

Item number: 121746

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 out of polyamide. 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 3-step speed control via 3-step selector switch or speed controllable. The connecting cable comes laterally out of the housing.

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): 27,7 % Efficiency total max. (ηt): 28,9 %

Rated voltage (U): 230, 1~ V

|  |  |  |
| --- | --- | --- |
| Rated frequency (f):  Rated power consumption (P N): | 50 Hz  52 W |  |
| Current consumption max. (I max.): Rated speed (n): | 0,2 A  2740 min-1 |
| Protection class motor: | IP 00 |
| Ambient temperature max. (t A): | 80 °C |
| Medium temperature max. (tM): | 80 °C |
| Casing sound power level (L WA2): | 54 dB(A) |
| Inlet sound power level (L WA5): | 64 dB(A) |
| Outlet sound power level (LWA6): | 66 dB(A) |
| Dimensions (L x H): | 215 x 197 mm | (incl. mounting bracket) |
| Connection diameter: Weight: | Ø160 mm  2,2 kg |  |
| Wiring diagram: | 122478 |  |

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 160 | 102649 | Fast clamps, 1 set = 2 pcs., size 160 |
| RSK 160D | 113485 | Backdraught shutter with seal size 160 |
| RSK 160 | 102661 | Backdraught shutter size 160 |
| SDS 160 | 102717 | Silencer rigid, 1m, sound insulation 50mm, size 160 |
| SDF 160 | 102703 | Silencer flexible, 1m, sound insulation 50mm, size 160 |
| FT 160 | 112841 | Air filter box for bag filter (without bag filter) size 160 |
| LFT 05 F5 | 102939 | Bag filter, M5, size 1, for FT 100-250 |
| LFT 05 F7 | 102945 | Bag filter, F7, size 1, for FT 100-250 |
| FTW 160 | 112852 | Air filter box for bag filter with warm water heating coil, M5 filter box size 160 |
| FV 160 | 112831 | Air filter box with mat filter size 160 |
| SG 160 01 | 102897 | Protection grille size 160 |
| GS 03 | 107633 | Isolator switch |
| MTS 10 | 128145 | 3- steps speed selector |