**EM 400 E2M 01 – ID 129165**

**Diagonal fan „ETAMASTER“, in plastic casing, 3-step**

Variable mounting position, horizontal and vertical installation possible. Direct in-line installation in the ventilation tube. Integrated mounting bracket for easy mounting. Housing PPGF30 in RAL 7012, basalt grey. By opening the mounting bracket, the housing can be easily rotated to bring the terminal box in the desired position. The significant reduction in the flow losses also minimizes the generation of sound and leads, in connection with the vibration-optimized design, to a smooth operation. The high-performance construction material has 30% glass fiber content and is very resistant to corrosion and weathering. 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. Asynchronous, 3-speed, induction motor. 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. Electrical connection through the terminal box integrated on 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 – Eco-design Commission Regulation 1253/2014/EU.

**Technical Data:**

Volumetric flow (V):

m³/h

Pressure increase (Δpfa):

Pa

SFP Value:

W/(m3/s)

Voltage (U):

1~230 V

Frequency (f):

50 Hz

Power consumption max. (P1):

211 W

Rated current consumption (I):

1,0 A

Rated speed (n):

1410 min-1

Inlet sound power level (LWA5):

71 dB(A)

Outlet sound power level (LWA6):

75 dB(A)

Casing sound power level (LWA2):

57 dB(A)

Overall efficiency static (ηfa):

47,2 %

Overall efficiency total (ηt):

51 %

Max. medium temperature (t):

60 °C

Dimensions (L x H incl. connection box and mounting bracket):

350 x 452 mm

Connection diameter:

400 mm

Weight:

15,7 kg

**Manufacturer:**

ruck Ventilatoren GmbH

Max-Planck-Str. 5

97944 Boxberg

Tel. 07930-9211300

www.ruck.eu

**Type:**

EM 400 E2M 01

Item number:

129165

**Available accessories:**

VM 400 102654 Fast clamps, 1 set = 2 pcs., size 400

RSK 400D 113490 Backdraught shutter with seal size 400

RSK 400 102691 Backdraught shutter size 400

SDS 400 102727 Silencer rigid, 1m, sound insulation 50mm, size 400

SDF 400 102708 Silencer flexible, 1m, sound insulation 50mm, size 400

FT 400 112848 Air filter box for bag filter (without bag filter) size 400

LFT 30 F5 102941 Bag filter, M5, size 2, for FT 315-400

LFT 30 F7 102947 Bag filter, F7, size 2, for FT 315-400

FTW 400 112857 Air filter box for bag filter with warm water heating coil, M5 filter box size 400

FV 400 112836 Air filter box with mat filter size 400

SG 400 01 134284 Protection grille size 400

GS 03 107633 Isolator switch

MTS 10 128145 3-steps speed selector