**EL 315 E2 01 – ID 112202**

**Diagonal fan „ETALINE“, high efficiency**

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 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 loses, in comparison with centrifugal fans. With integrated asynchronous capacitor motors designed for voltage control by transformer. The electrical connection will be done 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 – 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):

1~230V

Frequency (f):

50 Hz

Power consumption max. (P1):

530 W

Current consumption max. (I):

2,4 A

Rated speed (n):

2770 min-1

Inlet sound power level (LWA5):

76 dB(A)

Outlet sound power level (LWA6):

81 dB(A)

Casing sound power level (LWA2):

61 dB(A)

Overall efficiency static (ηfa):

52,5 %

Overall efficiency total (ηt):

56,7 %

Max. medium temperature (t):

70 °C

Dimensions (L x H incl. mounting bracket):

351 x 324 mm

Connection diameter:

315 mm

Weight:

15,0 kg

**Manufacturer:**

ruck Ventilatoren GmbH

Max-Planck-Str. 5

97944 Boxberg

Tel. 07930-9211300

www.ruck.eu

**Type:**

EL 315 E2 01

Item number:

112202

**Available accessories:**

VM 315 102652 Fast clamps, 1 set = 2 pcs., size 315

RSK 315D 113489 Backdraught shutter with seal size 315

RSK 315 102664 Backdraught shutter size 315

SDS 315 102723 Silencer rigid, 1m, sound insulation 50mm, size 315

SDF 315 102706 Silencer flexible, 1m, sound insulation 50mm, size 315

FT 315 112846 Air filter box for bag filter (without bag filter) size 315

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 315 112855 Air filter box for bag filter with warm water heating coil, M5 filter box size 315

FV 315 112834 Air filter box with mat filter size 315

SG 315 01 102900 Protection grille size 315

SG 315 02 112675 Inlet protection grille for Etaline size 315

UKR 6030 03 114640 Adapter plate round DN315 to square 600x300mm

GS 01 102787 Isolator switch

TEM 035 103502 5-step transformer with connection for motor protection, wall mounting, IP54

TES 035 103954 7-step transformer without protection for switch cabinet, IP20