**ELKI 7040 E2 10 – ID 127730**

**Sound-insulated duct fan with three-dimensionally curved blades**

Compact casing made of galvanized steel sheet with very low casing radiation noise. Variable mounting possibilities, in horizontal or vertical position. Direct duct installation via 20mm flange profiles on the casing.

The incorporated diagonal fans make, through their design, a significantly more compact construction size possible and, at the same time, offer a higher flexibility than conventional radial fans. The three-dimensionally curved impeller and stator blades ensure a successful and flow optimized air guidance, which makes the highest aerodynamic efficiency possible. The impeller is balanced according to the quality class G 6.3 of DIN / ISO 1940, in 2 planes. 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 electrical connection box IP 44 is protected, being installed inside the device casing. The PE-cable gland placed on the casing ensures a simple electrical connection.

The straight flow of the ELKI fans considerably reduces the losses on the downstream installed components. The ELKI series is particularly suitable for noise-sensitive applications in combination with the very efficient duct silencers (type: SDE) which reduce the noise by up to 22 dB(A).

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 (Δpfa):

Pa

Voltage (U):

1~230 V

Frequency (f):

50 Hz

Power consumption max. (P1):

1043 W

Current consumption max. (I):

6,6 A

Rated speed (n):

2780 min-1

Capacitor:

10 µF

Protection class terminal box:

IP44

Inlet sound power level (LWA5):

84 dB(A)

Outlet sound power level (LWA6):

86 dB(A)

Casing sound power level (LWA2):

63 dB(A)

Max. medium temperature (t):

80°C

Dimensions (L x W x H):

408 x 738 x 438 mm

Duct connection:

700 x 400 mm

Weight:

41,2 kg

Wiring diagram:

127818

**Manufacturer:**

ruck Ventilatoren GmbH

Max-Planck-Str. 5

97944 Boxberg

Tel. 07930-9211300

www.ruck.eu

**Type:**

ELKI 7040 E2 10

Item number:

127730

**Available accessories:**

VS 7040 103951 Flexible duct connector size 7040

VKK 7040 103944 Automatic damper size 7040

SDE 7040 L02 127753 Duct silencer size 7040 (suitable for ELKI 7040 E2 10)

GS 01 102787 Isolator switch

TEM 075 103507 5-step transformer with motor protection, max. 7,5 A, (surface mounting)

TES 075 103957 7-step transformer without protection, max. 7,5 A, (for switch cabinet)