**KVRI 6035 E4 31 – ID 131407**

**Sound proof duct fan with backward curved impeller blades**

Duct fan for installation in ventilation duct networks. Compact casing made of galvanized sheet steel with sound absorbing lining. For easy mounting in air ducts, with 20 mm standard flanges on both sides. Mounting position horizontally and vertically possible.

The efficiency-optimized plastic impeller with backward curved blades is fitted on the external rotor of a voltage controllable motor. The impeller is balanced together with the motor according to the quality class G 6.3 of DIN / ISO 1940, on 2 planes. The duct fan is easy to clean due to swing out fan section, thus the fan is also suitable for transporting slightly polluted air. Closed drive motor protection class IP54. Maintenance-free ball bearings with lifetime lubrication, sealed on both sides. The motor protection is provided by a thermal contact integrated into the winding, wired internally in series. The electrical connection is to be done via the connection box mounted on casing.

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):

440 W

Current consumption max. (I):

2,2 A

Rated speed (n):

1355 min-1

Capacitor:

9µF

Protection class terminal box:

IP44

Protection class motor:

IP54

Inlet sound power level (LWA5):

63 dB(A)

Outlet sound power level (LWA6):

71 dB(A)

Casing sound power level (LWA2):

55 dB(A)

Max. medium temperature (t):

65°C

Dimensions (L x W x H)

610 x 660 x 469 mm

Duct connection:

600 x 350 mm

Weight:

35,5 kg

Wiring diagram:

116495

**Manufacturer:**

ruck Ventilatoren GmbH

Max-Planck-Str. 5

97944 Boxberg

Tel. 07930-9211300

www.ruck.eu

**Type:**

KVRI 6035 E4 31

Item number:

131407

**Available accessories:**

VS 6035 102808 Flexible duct connector size 6035

VKK 6035 103892 Automatic damper size 6035

GS 01 102787 Isolator switch, loose

MTY 2 103424 Electronic controller, stepless

TEM 035 103502 5-step transformer with motor protection (surface mounting)

TES 035 103954 7-step transformer without protection (for switch cabinet)