NON INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

CK 160 C1

7000050





PRESSURE/FLOW

Static pressure Pa

400

350

300

250

200

150

100

50

0



400

230V

135\

600

- · Duct fan with circular connections
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- · Low sound levels.
- Operational in both 50 and 60 Hz.
- · Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- For speed control a transformer or electronic speed controller can be connected.
- · Integrated motor protection
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

TECHNICAL DATA

Flow m3/h

0,25

800

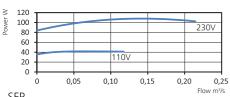
Voltage 230 V Frequency 50 Hz (60 Hz) Phase 1 ~ Current 0.47 A 108 W 2560 r.p.m. Max. temp of transported air 75 °C Sound pressure level, 3 m 43 dB(A) Weight 3.9 kg **Enclosure class** 44 IP Wiring diagram 4040001

ACCESSORIES

- Mounting bracket Kit MB
- Mounting clamp MK 160
- Safety grille BSV 160
- · Back draught shutter RSK 160
- Louvre shutter VK 160
- Filterbox FLK 160
- Filterbox FLF 160
- Silencer LDC 160
- Transformer controller VRTE C
- Transformer controller VRDE 1.5 • Speed controller VRS 1.0
- · Local Demand Controller Kit

| SOUND DATA | L _{wA} tot dB (A) | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
|-------------------|----------------------------|----|-----|-----|-----|----|----|----|----|
| Surrounding 230 V | 50 | 21 | 35 | 45 | 43 | 45 | 36 | 37 | 28 |
| Outlet 230 V | 73 | 56 | 64 | 66 | 67 | 65 | 61 | 60 | 53 |
| Inlet 230 V | 74 | 54 | 63 | 70 | 70 | 66 | 62 | 60 | 53 |
| Inlet 165 V | 70 | 51 | 62 | 65 | 65 | 61 | 57 | 54 | 46 |
| Inlet 135 V | 65 | 50 | 58 | 60 | 59 | 55 | 51 | 46 | 36 |
| Inlet 110 V | 57 | 42 | 50 | 53 | 51 | 47 | 41 | 36 | 26 |
| Inlet 80 V | 48 | 35 | 45 | 43 | 40 | 35 | 26 | 27 | 21 |

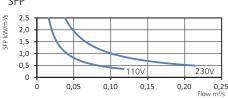
POWER/FLOW



0,10

0,15

0,20



MORE INFORMATION



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DIMENSIONS (mm)

