



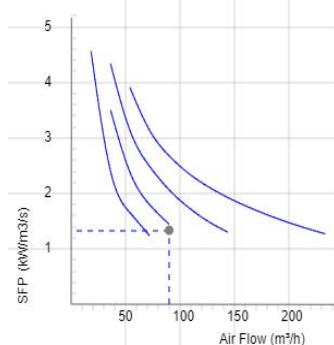
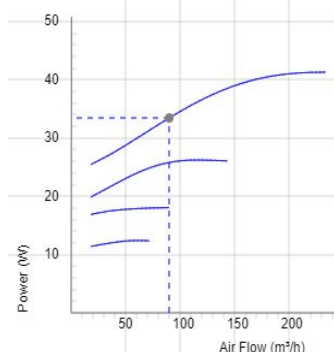
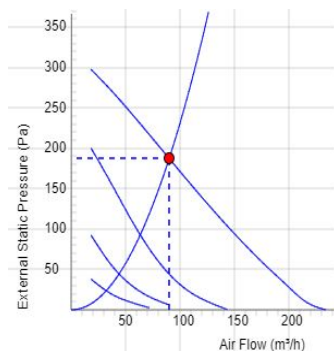
CK 100 A1



- 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.

Accessories

- VRTE C
- VRDE 1,5
- VRS 0.5
- Local Demand Controller Kit
- MB
- MK 100
- BSV 100
- RSK 100
- YG 100
- VK 100
- FLK 100
- FLF 100
- LDC 100



Voltage steps

| 1 | 2 | 3 | 4 |
|------|------|------|------|
| 110V | 135V | 165V | 230V |

TECHNICAL DATA

| | 700001 CK 100 A1 man tp | 700030 CK 100 A1 aut tp |
|-----------------------------------------------------------|----------------------------|----------------------------|
| Voltage | 230 V | 230 V |
| Phase | 1 ~ | 1 ~ |
| Frequency | 50 Hz | 50 Hz |
| Optional frequency | 60 Hz | 60 Hz |
| Power | 41 W | 41 W |
| Current | 0.18 A | 0.18 A |
| Speed | 2040 r.p.m. | 2040 r.p.m. |
| Max. temperature of transported air | 80 °C | 80 °C |
| Max. temperature of transported air when speed controlled | 80 °C | 80 °C |
| Sound pressure level at 3 m | 37 dB(A) | 37 dB(A) |
| Weight | 2.5 kg | 2.5 kg |
| Enclosure class | 44 IP | 44 IP |
| Insulation class, motor | F | F |
| Capacitor | 3 µF | 3 µF |
| Duct connection | 100 mm | 100 mm |
| Max. flow @ 0Pa | 223.20062496175 m³/h | 223.20062496175 m³/h |
| Max. pressure | 319 Pa | 319 Pa |
| Voltage range | 220-240 V | 220-240 V |

SOUND DATA

| | Flow (m³/h) | L _{WA} tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|------------------------------|-------------|-------------------------------|------|-------|-------|-------|------|------|------|------|
| 4. Surrounding Lw dB(A) 230V | 112 | 44 | 22 | 30 | 38 | 35 | 38 | 35 | 34 | 31 |
| 4. Outlet Lw dB(A) 230V | 112 | 66 | 54 | 56 | 61 | 59 | 57 | 56 | 50 | 43 |
| 4. Inlet Lw dB(A) 230V | 112 | 66 | 55 | 56 | 60 | 61 | 58 | 54 | 50 | 44 |
| 3. Inlet Lw dB(A) 165V | 76 | 56 | 46 | 48 | 51 | 51 | 48 | 43 | 36 | 26 |
| 2. Inlet Lw dB(A) 135V | 43 | 48 | 38 | 40 | 43 | 42 | 38 | 30 | 22 | 12 |
| 1. Inlet Lw dB(A) 110V | 32 | 40 | 32 | 33 | 35 | 33 | 28 | 17 | 16 | 10 |

DIMENSIONS

