

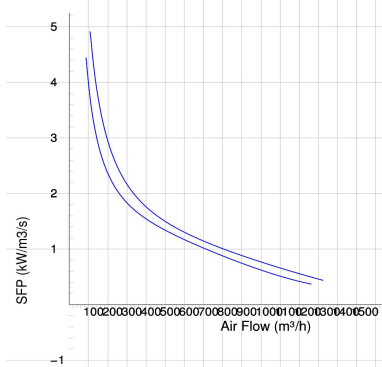
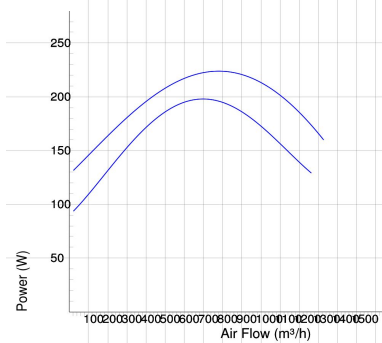
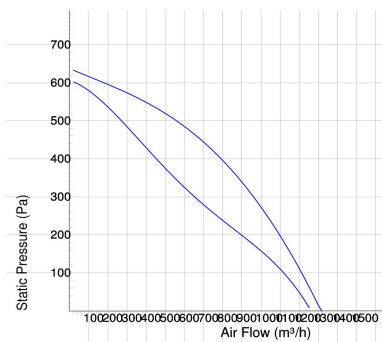


# CK 315 C ErP 50/(60)Hz

CK

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

This product cannot be speed controlled below 165 V.



#### Voltage steps

| 1    | 2    |
|------|------|
| 165V | 230V |

#### TECHNICAL DATA

|   | 7000072<br>CK 315 C aut tp ErP | 7000027<br>CK 315 C man tp ErP |
|---|--------------------------------|--------------------------------|
| Voltage   | 230 V                          | 230 V                          |
| Phase   | 1 ~                            | 1 ~                            |
| Frequency   | 50 Hz                          | 50 Hz                          |
| Optional frequency  | 60 Hz                          | 60 Hz                          |
| Power   | 224 W                          | 224 W                          |
| Current   | 0.97 A                         | 0.97 A                         |
| Current when speed controlled                             | 1.2 A                          | 1.2 A                          |
| Speed   | 2770 r.p.m.                    | 2770 r.p.m.                    |
| Max. temperature of transported air                       | 80 °C                          | 80 °C                          |
| Max. temperature of transported air when speed controlled | 75 °C                          | 75 °C                          |
| Sound pressure level at 3 m                               | 48 dB(A)                       | 48 dB(A)                       |
| Weight  | 5.9 kg                         | 5.9 kg                         |
| Enclosure class   | 44 IP                          | 44 IP                          |
| Insulation class, motor                                   | F                              | F                              |
| Capacitor   | 6 µF                           | 6 µF                           |
| Duct connection   | 315 mm                         | 315 mm                         |
| Max. flow   | 1325 m³/h                      | 1325 m³/h                      |
| Max. pressure   | 632 Pa                         | 632 Pa                         |
| Voltage range   | 220-240 V                      | 220-240 V                      |

#### SOUND DATA

|                              | Flow (m³/h) | L <sub>WA</sub><br>tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|------------------------------|-------------|-------------------------------|------|-------|-------|-------|------|------|------|------|
| 2. Surrounding Lw dB(A) 230V | 1091        | 55                            | 25   | 44    | 46    | 47    | 46   | 49   | 48   | 38   |
| 2. Outlet Lw dB(A) 230V      | 1091        | 78                            | 59   | 62    | 71    | 67    | 68   | 71   | 72   | 67   |
| 2. Inlet Lw dB(A) 230V       | 1091        | 77                            | 52   | 61    | 66    | 65    | 68   | 70   | 72   | 68   |
| 1. Inlet Lw dB(A) 165V       | 983         | 74                            | 51   | 57    | 62    | 62    | 65   | 68   | 68   | 66   |

#### DIMENSIONS

