



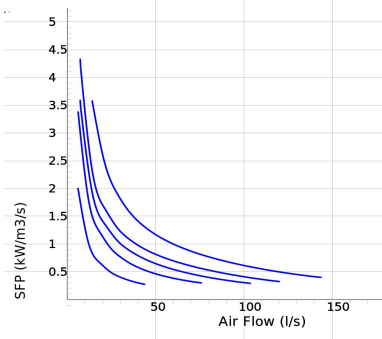
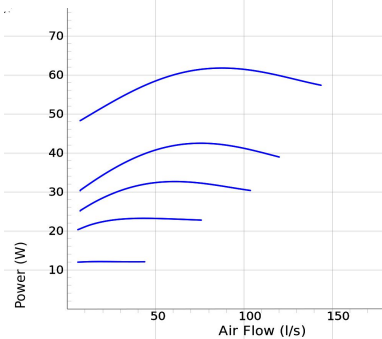
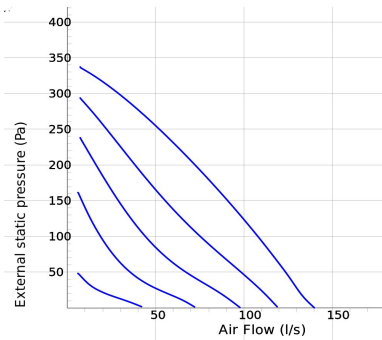
KVFU 160 B

KV

- Wall fan with circular inlet connection.
- KV has a square mounting plate.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Suitable for a wide variety of applications.
- Operational in both 50 and 60 Hz.
- 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, mounted on the inside wall.
- Easy installation in any position.
- Can be used in damp environments.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

Accessories

- Local Demand Controller Kit
- VRTE C
- VRDE 1,5
- VRS 0,5
- MK 160
- BSV 160
- BSR 315
- RSK 160
- YG 250
- VK 250
- LDC 160



Voltage steps

| 1 | 2 | 3 | 4 | 5 |
|-----|------|------|------|------|
| 80V | 110V | 135V | 165V | 230V |

TECHNICAL DATA

| | 710050 KVFU 160 B man tp | 7100102 KVFU 160 B aut tp |
|---|-----------------------------|------------------------------|
| Voltage | 230 V | 230 V |
| Phase | 1 ~ | 1 ~ |
| Frequency | 50 Hz | 50 Hz |
| Power | 62 W | 62 W |
| Current | 0.27 A | 0.27 A |
| Speed | 2540 r.p.m. | 2540 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 | 41 dB(A) | 41 dB(A) |
| Weight | 2.7 kg | 2.7 kg |
| Enclosure class | 44 IP | 44 IP |
| Insulation class, motor | F | F |
| Capacitor | 2 µF | 2 µF |
| Duct connection | 160 mm | 160 mm |
| Max. flow | 138 l/s | 138 l/s |
| Max. pressure | 346 Pa | 346 Pa |
| Voltage range | 220-240 V | 220-240 V |

SOUND DATA

| | Flow (l/s) | L_{wa} tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|---------------------------------|------------|------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding L_w dB(A) 230V | 81 | 48 | 20 | 35 | 46 | 36 | 40 | 40 | 36 | 30 |
| 5. Outlet L_w dB(A) 230V | 81 | 63 | 29 | 36 | 48 | 53 | 59 | 59 | 54 | 47 |
| 5. Inlet L_w dB(A) 230V | 81 | 65 | 50 | 54 | 58 | 59 | 56 | 56 | 55 | 52 |
| 4. Inlet L_w dB(A) 165V | 65 | 61 | 47 | 51 | 56 | 55 | 52 | 52 | 49 | 45 |
| 3. Inlet L_w dB(A) 135V | 52 | 56 | 44 | 46 | 51 | 49 | 46 | 46 | 40 | 34 |
| 2. Inlet L_w dB(A) 110V | 35 | 49 | 39 | 42 | 44 | 43 | 39 | 35 | 28 | 19 |
| 1. Inlet L_w dB(A) 80V | 22 | 39 | 31 | 34 | 33 | 31 | 25 | 13 | 15 | 9 |

DIMENSIONS

