



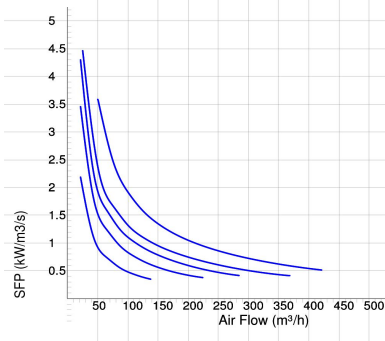
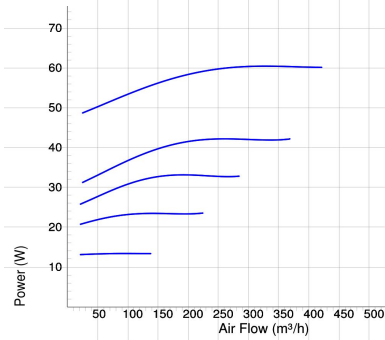
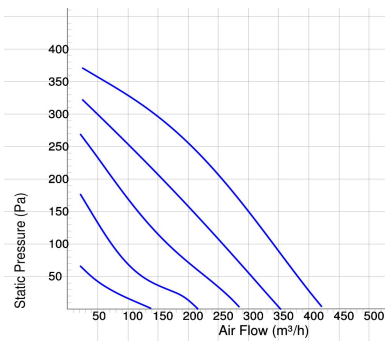
# LPKB Silent 160 B1 50/(60)Hz

## LPKB Silent

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- 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.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

## Accessories

- VRDE 1,5
- VRTE 1
- VRS 0.5
- MK 160
- BSV 160
- VK 160
- RSK 160
- LDC 160



## Voltage steps

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

## TECHNICAL DATA

|   | 7540641<br>LPKB Silent 160 B1 aut tp | 7540645<br>LPKB Silent 160 B1 man tp |
|---|--------------------------------------|--------------------------------------|
| Voltage   | 230 V                                | 230 V                                |
| Phase   | 1 ~                                  | 1 ~                                  |
| Frequency   | 50 Hz                                | 50 Hz                                |
| Optional frequency  | 60 Hz                                | 60 Hz                                |
| Power   | 61 W                                 | 61 W                                 |
| Current   | 0.26 A                               | 0.26 A                               |
| Speed   | 2560 r.p.m.                          | 2560 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                               | 45 dB(A)                             | 45 dB(A)                             |
| Weight  | 7.6 kg                               | 7.6 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   | 436 m³/h                             | 436 m³/h                             |
| Max. pressure   | 385 Pa                               | 385 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 |
|------------------------------|-------------|-------------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding Lw dB(A) 230V | 288         | 52                            | 26   | 38    | 47    | 49    | 40   | 37   | 32   | 31   |
| 5. Outlet Lw dB(A) 230V      | 288         | 70                            | 55   | 60    | 65    | 65    | 58   | 56   | 55   | 48   |
| 5. Inlet Lw dB(A) 230V       | 288         | 63                            | 48   | 58    | 61    | 50    | 39   | 45   | 44   | 38   |
| 4. Inlet Lw dB(A) 165V       | 244         | 60                            | 45   | 54    | 58    | 46    | 35   | 40   | 38   | 31   |
| 3. Inlet Lw dB(A) 135V       | 201         | 54                            | 41   | 49    | 51    | 40    | 29   | 33   | 30   | 21   |
| 2. Inlet Lw dB(A) 110V       | 151         | 47                            | 35   | 45    | 43    | 33    | 22   | 24   | 19   | 9    |
| 1. Inlet Lw dB(A) 80V        | 93          | 40                            | 28   | 38    | 34    | 22    | 10   | 9    | 7    | 5    |

## DIMENSIONS

