

NON INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

LPKB 100 C1

7540212

- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- With one connection on the inlet side.
- High capacity and efficiency with 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.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.
- To comply with the ErP 2018 regulation, a local demand controller must be used.



ACCESSORIES

- Mounting clamp MK 100
- Safety grille BSV 100
- Back draught shutter RSK 100
- Louvre YG 100
- Louvre shutter VK 100
- Filterbox FLK 100
- Filterbox FLF 100
- Silencer LDC 100
- Transformer controller VRTE C
- Transformer controller VRDE 1.5
- Speed controller VRS 0.5
- Local Demand Controller Kit

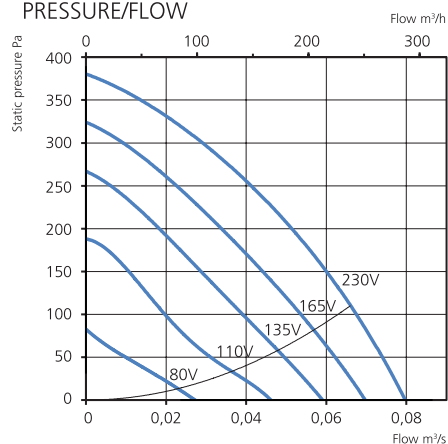
TECHNICAL DATA

| | |
|-------------------------------------|---------------|
| Voltage | 230 V |
| Frequency | 50 Hz (60 Hz) |
| Phase | 1 ~ |
| Current | 0,25 A |
| Power | 58 W |
| Speed | 2600 r.p.m. |
| Max. temp of transported air | 80 °C |
| Sound pressure level, 3 m | 46 dB(A) |
| Weight | 4.9 kg |
| Enclosure class | 44 IP |
| Wiring diagram | 4040001 |

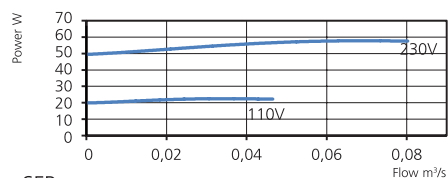
SOUND DATA

| | L_{wa} tot dB (A) | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
|--------------------------|---------------------|----|-----|-----|-----|----|----|----|----|
| Surrounding 230 V | 53 | 32 | 37 | 50 | 49 | 44 | 41 | 35 | 31 |
| Outlet 230 V | 70 | 54 | 60 | 63 | 66 | 64 | 60 | 54 | 48 |
| Inlet 230 V | 68 | 52 | 60 | 61 | 64 | 57 | 55 | 49 | 44 |
| Inlet 165 V | 64 | 48 | 57 | 59 | 60 | 53 | 51 | 44 | 38 |
| Inlet 135 V | 60 | 44 | 52 | 56 | 56 | 49 | 46 | 37 | 31 |
| Inlet 110 V | 53 | 39 | 47 | 46 | 50 | 42 | 38 | 27 | 21 |
| Inlet 80 V | 43 | 30 | 37 | 37 | 39 | 31 | 21 | 9 | 11 |

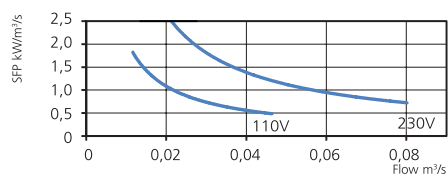
PRESSURE/FLOW



POWER/FLOW



SFP



MORE INFORMATION



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DIMENSIONS

