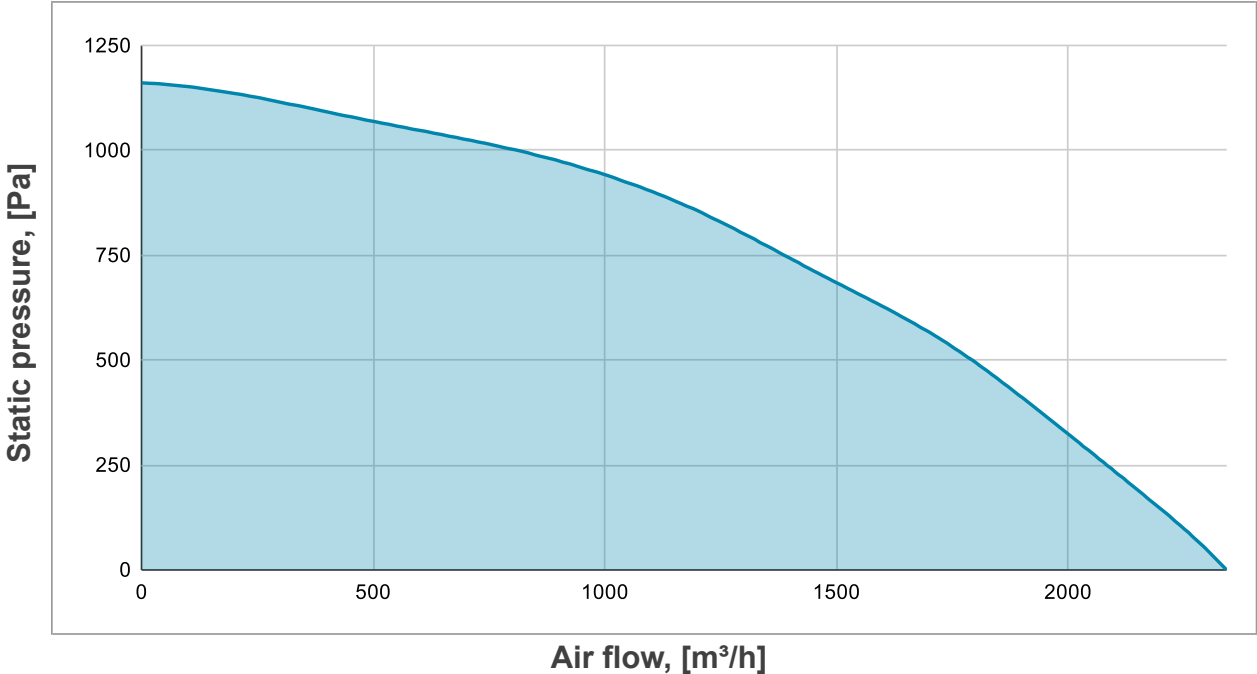


DATASHEET  
RFVN 250 RF2 30



11/01/2024 15:35:52



- Up to 120 °C conveyed medium temperature
- Motor outside of air stream
- Swing-out fan unit
- Drain tray
- Frequency controllable
- Star-Delta operation possible
- Star: direct 400V 3~ grid or frequency converter with 400V output
- Delta: direct 230V 3~ grid or frequenc

| Technical specifications  | Unit  | Value |
|---------------------------|-------|-------|
| Nominal frequency         | Hz    | 50    |
| Nominal voltage           | V     | 400   |
| Phase                     | ~     | 3~    |
| Max el. power consumption | W     | 663   |
| Max current               | A     | 0.85  |
| Sound power, LWA2         | dB(A) | -1    |
| Max. static efficiency    | %     | 41    |
| Max. total efficiency     | %     | 42    |
| Motor control             | Tip   | f     |

| Max. efficiency duty point | Unit     | Value |
|----------------------------|----------|-------|
| Air flow                   | m³/h     | 1201  |
| Static pressure            | Pa       | 856   |
| Total pressure             | Pa       | 876   |
| Voltage                    | V        | 400   |
| Frequency                  | Hz       | 50    |
| Current                    | A        | 1.1   |
| El. power consumption      | W        | 641   |
| Speed                      | rpm      | 3365  |
| SFP                        | W/(m³/s) | 1923  |
| Static efficiency          | %        | 42    |
| Total efficiency           | %        | 43    |
| Control voltage            | V        | -     |

| Sound power (LW) |      |    |    |     |     |     | Medium Frequency Band |    |    |    |
|------------------|------|----|----|-----|-----|-----|-----------------------|----|----|----|
| SWL              | dba  | Σ  | 63 | 125 | 250 | 500 | 1k                    | 2k | 4k | 8k |
| Inlet            | LWA5 | 82 | 51 | 63  | 69  | 73  | 75                    | 72 | 72 | 72 |
| Outlet           | LWA6 | 85 | 54 | 66  | 72  | 81  | 77                    | 75 | 72 | 69 |
| Case             | LWA2 | -  | -  | -   | -   | -   | -                     | -  | -  | -  |

| Sound pressure (Lp) at 1m |     |    |    |     |     |     | Medium Frequency Band |    |    |    |
|---------------------------|-----|----|----|-----|-----|-----|-----------------------|----|----|----|
| SPL                       | dba | Σ  | 63 | 125 | 250 | 500 | 1k                    | 2k | 4k | 8k |
| Inlet                     | Lp5 | 69 | 40 | 52  | 58  | 62  | 64                    | 61 | 61 | 61 |
| Outlet                    | Lp6 | 73 | 43 | 55  | 61  | 70  | 66                    | 64 | 61 | 58 |
| Case                      | Lp2 | -  | -  | -   | -   | -   | -                     | -  | -  | -  |

| Sound pressure (Lp) at 3m |     |    |    |     |     |     | Medium Frequency Band |    |    |    |
|---------------------------|-----|----|----|-----|-----|-----|-----------------------|----|----|----|
| SPL                       | dba | Σ  | 63 | 125 | 250 | 500 | 1k                    | 2k | 4k | 8k |
| Inlet                     | Lp5 | 59 | 31 | 42  | 48  | 52  | 54                    | 51 | 52 | 51 |
| Outlet                    | Lp6 | 64 | 33 | 45  | 51  | 61  | 56                    | 55 | 52 | 49 |
| Case                      | Lp2 | -  | -  | -   | -   | -   | -                     | -  | -  | -  |

Wiring diagram

