

**Big Dutchman®****Fan FC063-4DQ 18710m<sup>3</sup> 400V 1650W 3.8A Kst**

Article number: 60-47-9864

**Big Dutchman®****Basic data**

|                            |                        |
|----------------------------|------------------------|
| Montiert                   | Mounted                |
| Thermal protection contact | Yes                    |
| Type                       | Installation at a wall |

**Rated values**

|                        |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| Phases                 | 3 Ph                                                                         |
| Nominal frequency [Hz] | 50 Hz                                                                        |
| Control                | Frequency converter (with all-pole sinusoidal filter ) / Transformer / Triac |

**Classification**

|                                 |      |
|---------------------------------|------|
| IP protection rating            | IP54 |
| Certifications                  | CE   |
| Insulation class (DIN EN 60085) | F    |
| Efficiency rating (ErP)         | E15  |

**Dimensions**

|             |        |
|-------------|--------|
| Width       | 750 mm |
| Height      | 805 mm |
| Total depth | 246 mm |
| Diameter    | 686 mm |

**Rated values 50 Hz**

|                                  |        |
|----------------------------------|--------|
| Elektrische Nennleistung         | 1.9 kW |
| Nominal voltage delta connection | 230 V  |

**Rated values 50 Hz**

|                                     |             |
|-------------------------------------|-------------|
| Nominal voltage star connection     | 400 V       |
| Nominal current delta connection    | 5,5 A       |
| Nominal current star connection     | 3,2 A       |
| Speed                               | 1360 U/min  |
| Power factor                        | 0.86        |
| Ambient temperature                 | -40 - 60 °C |
| Sound power level L <sub>w</sub>    | 87 dB       |
| Sound pressure level L <sub>p</sub> | 62 dB       |

**Volumetric flow rate 50 Hz**

|                               |                         |
|-------------------------------|-------------------------|
| Characteristic curve – 0 Pa   | 17807 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 17567 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 17327 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 17103 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 16903 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 16702 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 16502 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 16256 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 16009 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 15761 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 15508 m <sup>3</sup> /h |
| Characteristic curve – 110 Pa | 15255 m <sup>3</sup> /h |
| Characteristic curve – 120 Pa | 14997 m <sup>3</sup> /h |
| Characteristic curve – 140 Pa | 14438 m <sup>3</sup> /h |
| Characteristic curve – 160 Pa | 13676 m <sup>3</sup> /h |
| Characteristic curve – 180 Pa | 12872 m <sup>3</sup> /h |
| Characteristic curve – 200 Pa | 12000 m <sup>3</sup> /h |

**Spec. power 50 Hz**

|                               |                                 |
|-------------------------------|---------------------------------|
| Characteristic curve – 0 Pa   | 97.3 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 10 Pa  | 99.6 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 20 Pa  | 102.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 30 Pa  | 104.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa  | 106.5 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa  | 108.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa  | 111.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa  | 113.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa  | 115.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 90 Pa  | 118.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 100 Pa | 121.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 110 Pa | 124.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 120 Pa | 127 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 140 Pa | 132.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 160 Pa | 141.1 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 180 Pa | 149.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 200 Pa | 160.8 W/(1000m <sup>3</sup> /h) |