



**Big Dutchman®**

**Fan BD-P130 1.50HP IE3 SST 41100m<sup>3</sup> 400-3-50 assembled**

Article number: 60-25-1013



**Basic data**

|          |                        |
|----------|------------------------|
| Montiert | Mounted                |
| Type     | Installation at a wall |
| Weight   | 75.9 kg                |

**Rated values**

|                        |                     |
|------------------------|---------------------|
| Phases                 | 3 Ph                |
| Nominal frequency [Hz] | 50/60 Hz            |
| Control                | Frequency converter |

**Classification**

|                |    |
|----------------|----|
| Certifications | CE |
|----------------|----|

**Dimensions**

|             |         |
|-------------|---------|
| Width       | 1380 mm |
| Height      | 1380 mm |
| Total depth | 515 mm  |
| Diameter    | 1340 mm |

**Rated values 50 Hz**

|                                  |           |
|----------------------------------|-----------|
| Elektrische Nennleistung         | 1.1 kW    |
| Nominal voltage delta connection | 230 V     |
| Nominal voltage star connection  | 400 V     |
| Voltage tolerance                | -5 - 10 % |
| Nominal current delta connection | 4,5 A     |

**Rated values 50 Hz**

|                                 |           |
|---------------------------------|-----------|
| Nominal current star connection | 2,6 A     |
| Speed                           | 473 U/min |
| Power factor                    | 0.79      |
| Sound power level Lw            | 90 dB     |
| Sound pressure level Lp         | 65 dB     |

**Volumetric flow rate 50 Hz**

|                               |                         |
|-------------------------------|-------------------------|
| Characteristic curve – 0 Pa   | 41100 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 39612 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 38079 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 36528 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 34824 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 33100 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 30850 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 28554 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 25940 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 23020 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 20100 m <sup>3</sup> /h |

**Spec. power 50 Hz**

|                               |                                |
|-------------------------------|--------------------------------|
| Characteristic curve – 0 Pa   | 36 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 10 Pa  | 38.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 20 Pa  | 41.5 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 30 Pa  | 44.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa  | 47.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa  | 51 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 60 Pa  | 56 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 70 Pa  | 62.5 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa  | 71.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 90 Pa  | 81.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 100 Pa | 92 W/(1000m <sup>3</sup> /h)   |

**Rated values 60 Hz**

|                                  |           |
|----------------------------------|-----------|
| Elektrische Nennleistung         | 1.1 kW    |
| Nominal voltage delta connection | 230 V     |
| Nominal voltage star connection  | 400 V     |
| Voltage tolerance                | -5 - 10 % |
| Nominal current delta connection | 4,15 A    |
| Nominal current star connection  | 2,4 A     |
| Speed                            | 473 U/min |
| Power factor                     | 0.82      |