



**Big Dutchman®**

## Fan 4E50-Q 8400m<sup>3</sup> 230V 50Hz 1,9A f/pipe

Article number: 60-47-7550



### Basic data

|                            |                      |
|----------------------------|----------------------|
| Montiert                   | Mounted              |
| Thermal protection contact | Yes                  |
| Type                       | Installation in pipe |
| Weight                     | 8.7 kg               |
| Chimney                    | 500 - BD 520         |

### Rated values

|                        |                     |
|------------------------|---------------------|
| Phases                 | 1 Ph                |
| Nominal frequency [Hz] | 50 Hz               |
| Control                | Triac / Transformer |

### Classification

|                                 |      |
|---------------------------------|------|
| IP protection rating            | IP55 |
| Certifications                  | CE   |
| Insulation class (DIN EN 60085) | F    |
| Efficiency rating (ErP)         | E15  |

### Rated values 50 Hz

|                              |             |
|------------------------------|-------------|
| Elektrische Nennleistung     | 0.45 kW     |
| Nominal voltage single-phase | 230 V       |
| Nominal current single-phase | 1,9 A       |
| Speed                        | 1400 U/min  |
| Power factor                 | 1           |
| Ambient temperature          | -25 - 40 °C |



## Rated values 50 Hz

|                                     |       |
|-------------------------------------|-------|
| Sound power level L <sub>w</sub>    | 80 dB |
| Sound pressure level L <sub>p</sub> | 55 dB |

## Volumetric flow rate 50 Hz

|                               |                        |
|-------------------------------|------------------------|
| Characteristic curve – 0 Pa   | 8400 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 8200 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 8000 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 7750 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 7500 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 7250 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 7000 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 6700 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 6350 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 6000 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 5550 m <sup>3</sup> /h |

## Spec. power 50 Hz

|                               |                                |
|-------------------------------|--------------------------------|
| Characteristic curve – 0 Pa   | 52.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 10 Pa  | 55 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 20 Pa  | 57.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 30 Pa  | 59.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa  | 61.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa  | 64.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa  | 67.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa  | 71.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa  | 75.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 90 Pa  | 79.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 100 Pa | 85.3 W/(1000m <sup>3</sup> /h) |