

**Big Dutchman®****Fan ECblue FN125-ZIT 48500m<sup>3</sup> 400V/0-10 2.8A f/tube**

Article number: 60-47-9032

**Big Dutchman®****Basic data**

|          |                      |
|----------|----------------------|
| Montiert | Mounted              |
| Type     | Installation in pipe |
| Chimney  | 1270 - BD 1270       |

**Rated values**

|                        |          |
|------------------------|----------|
| Phases                 | 3 Ph     |
| Nominal frequency [Hz] | 50/60 Hz |
| Control                | 0-10 V   |

**Classification**

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

**Rated values 50 Hz**

|                                  |             |
|----------------------------------|-------------|
| Elektrische Nennleistung         | 1.9 kW      |
| Nominal voltage delta connection | 380-480 V   |
| Nominal current delta connection | 3,1-2,4 A   |
| Speed                            | 570 U/min   |
| Power factor                     | 1           |
| Ambient temperature              | -35 - 40 °C |
| Sound power level Lw             | 74 dB       |
| Sound pressure level Lp          | 49 dB       |

**Volumetric flow rate 50 Hz**

|                               |                         |
|-------------------------------|-------------------------|
| Characteristic curve – 0 Pa   | 49343 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 48137 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 46930 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 45198 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 43458 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 41637 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 40046 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 38685 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 36557 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 33959 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 30797 m <sup>3</sup> /h |
| Characteristic curve – 110 Pa | 25477 m <sup>3</sup> /h |
| Characteristic curve – 120 Pa | 17061 m <sup>3</sup> /h |

**Spec. power 50 Hz**

|                               |                                 |
|-------------------------------|---------------------------------|
| Characteristic curve – 0 Pa   | 21.5 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 10 Pa  | 23.6 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 20 Pa  | 25.8 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 30 Pa  | 28.8 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 40 Pa  | 32.1 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 50 Pa  | 35.4 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 60 Pa  | 38.5 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 70 Pa  | 41.1 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 80 Pa  | 45.1 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 90 Pa  | 50 W/(1000m <sup>3</sup> /h)    |
| Characteristic curve – 100 Pa | 56.2 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 110 Pa | 67.8 W/(1000m <sup>3</sup> /h)  |
| Characteristic curve – 120 Pa | 106.3 W/(1000m <sup>3</sup> /h) |

**Rated values 60 Hz**

|                                     |             |
|-------------------------------------|-------------|
| Elektrische Nennleistung            | 1.9 kW      |
| Nominal voltage delta connection    | 380-480 V   |
| Nominal current delta connection    | 3,1-2,4 A   |
| Speed                               | 570 U/min   |
| Power factor                        | 1           |
| Ambient temperature                 | -35 - 40 °C |
| Sound power level L <sub>w</sub>    | 74 dB       |
| Sound pressure level L <sub>p</sub> | 49 dB       |

**Volumetric flow rate 60 Hz**

|                               |                         |
|-------------------------------|-------------------------|
| Characteristic curve – 0 Pa   | 49343 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 48137 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 46930 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 45198 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 43458 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 41637 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 40046 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 38685 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 36557 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 33959 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 30797 m <sup>3</sup> /h |
| Characteristic curve – 110 Pa | 25477 m <sup>3</sup> /h |



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**Volumetric flow rate 60 Hz**  
Characteristic curve – 120 Pa

17061 m<sup>3</sup>/h