

**Big Dutchman®****Fan BD-VC140-3-2.00HP E15 54000m<sup>3</sup> 400-3-50 assembled w/cone**

Article number: 60-25-5651

**Big Dutchman®****Basic data**

|          |                        |
|----------|------------------------|
| Montiert | Mounted                |
| Type     | Installation at a wall |

**Rated values**

|                        |                  |
|------------------------|------------------|
| Phases                 | 3 Ph             |
| Nominal frequency [Hz] | 50 Hz            |
| Control                | Not controllable |

**Classification**

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

**Dimensions**

|                 |         |
|-----------------|---------|
| Width           | 1480 mm |
| Height          | 1480 mm |
| Total depth     | 1340 mm |
| Diameter        | 1375 mm |
| Other dimension | 1660 mm |

**Rated values 50 Hz**

|                                  |        |
|----------------------------------|--------|
| Elektrische Nennleistung         | 1.6 kW |
| Nominal voltage delta connection | 230 V  |

**Rated values 50 Hz**

|                                  |             |
|----------------------------------|-------------|
| Nominal voltage star connection  | 400 V       |
| Voltage tolerance                | -20 - 10 %  |
| Nominal current delta connection | 5,6 A       |
| Nominal current star connection  | 3,2 A       |
| Speed                            | 535 U/min   |
| Ambient temperature              | -25 - 40 °C |
| Sound power level Lw             | 91 dB       |
| Sound pressure level Lp          | 66 dB       |

**Volumetric flow rate 50 Hz**

|                              |                         |
|------------------------------|-------------------------|
| Characteristic curve – 0 Pa  | 54028 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa | 51709 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa | 49596 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa | 47411 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa | 45056 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa | 42578 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa | 38895 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa | 34895 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa | 29939 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa | 23364 m <sup>3</sup> /h |

**Spec. power 50 Hz**

|                              |                                |
|------------------------------|--------------------------------|
| Characteristic curve – 0 Pa  | 29.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 10 Pa | 32.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 20 Pa | 35 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 30 Pa | 37.5 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa | 40.1 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa | 43.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa | 48.3 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa | 54.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa | 61.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 90 Pa | 80.7 W/(1000m <sup>3</sup> /h) |