

**Big Dutchman®****Fan BD-VC140-3-2.00HP EVO 50700m<sup>3</sup> 400-3-60 assemb w/cone**

Article number: 60-25-4064

**Big Dutchman®****Basic data**

|                            |                        |
|----------------------------|------------------------|
| Montiert                   | Mounted                |
| Thermal protection contact | No                     |
| Type                       | Installation at a wall |
| Weight                     | 90 kg                  |

**Rated values**

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

**Classification**

|                                 |      |
|---------------------------------|------|
| IP protection rating            | IP55 |
| Certifications                  | UL   |
| Insulation class (DIN EN 60085) | F    |

**Dimensions**

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

**Rated values 60 Hz**

|                          |          |
|--------------------------|----------|
| Elektrische Nennleistung | 1.5 kW   |
| www.bigdutchman.shop     | 9/1/2023 |

**Rated values 60 Hz**

|                                  |             |
|----------------------------------|-------------|
| Nominal voltage delta connection | 230 V       |
| Nominal voltage star connection  | 400 V       |
| Nominal current star connection  | 2,5 A       |
| Speed                            | 590 U/min   |
| Power factor                     | 0.89        |
| Ambient temperature              | -20 - 40 °C |

**Volumetric flow rate 60 Hz**

|                              |                         |
|------------------------------|-------------------------|
| Characteristic curve – 0 Pa  | 51365 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa | 49290 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa | 47451 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa | 45327 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa | 43404 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa | 41250 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa | 38578 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa | 36280 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa | 33322 m <sup>3</sup> /h |

**Spec. power 60 Hz**

|                              |                                |
|------------------------------|--------------------------------|
| Characteristic curve – 0 Pa  | 29.5 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 10 Pa | 32.3 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 20 Pa | 34.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 30 Pa | 37.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa | 40.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa | 44.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa | 48.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa | 52.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa | 58.2 W/(1000m <sup>3</sup> /h) |