

**Big Dutchman®****Fan BD-VC140-6-2.00HP EVO 44700m<sup>3</sup> 230-1-60 unass w/cone w/fc**

Article number: 60-25-4042

**Big Dutchman®****Basic data**

|                            |                        |
|----------------------------|------------------------|
| Montiert                   | Unmounted              |
| Thermal protection contact | No                     |
| Type                       | Installation at a wall |
| Weight                     | 105 kg                 |

**Rated values**

|                        |                     |
|------------------------|---------------------|
| Phases                 | 1 Ph                |
| Nominal frequency [Hz] | 60 Hz               |
| Control                | Frequency converter |

**Classification**

|                                 |      |
|---------------------------------|------|
| IP protection rating            | IP55 |
| 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**

|                              |       |
|------------------------------|-------|
| Nominal voltage single-phase | 230 V |
| Nominal current single-phase | 11 A  |

**Rated values 60 Hz**

|                     |             |
|---------------------|-------------|
| Speed               | 590 U/min   |
| Power factor        | 0.67        |
| Ambient temperature | -20 - 40 °C |

**Volumetric flow rate 60 Hz**

|                               |                         |
|-------------------------------|-------------------------|
| Characteristic curve – 0 Pa   | 44700 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 43408 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 42237 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 41079 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 39923 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 38758 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 37403 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 35429 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 32637 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 30355 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 27362 m <sup>3</sup> /h |

**Spec. power 60 Hz**

|                               |                                |
|-------------------------------|--------------------------------|
| Characteristic curve – 0 Pa   | 39.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 10 Pa  | 42.5 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 20 Pa  | 45.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 30 Pa  | 48.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa  | 51.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa  | 54.3 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa  | 57.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa  | 60.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa  | 65.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 90 Pa  | 71 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 100 Pa | 78.7 W/(1000m <sup>3</sup> /h) |