

**Big Dutchman®****Fan BD-V140-6-2.00HP EVO 42600m<sup>3</sup> 400-3-60 assembled w/fc**

Article number: 60-25-4054

**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 | 548 mm  |
| Diameter    | 1375 mm |

**Rated values 60 Hz**

|                                  |         |
|----------------------------------|---------|
| Elektrische Nennleistung         | 1.65 kW |
| Nominal voltage delta connection | 230 V   |

**Rated values 60 Hz**

|                                 |             |
|---------------------------------|-------------|
| Nominal voltage star connection | 400 V       |
| Nominal current star connection | 2,7 A       |
| Speed                           | 590 U/min   |
| Power factor                    | 0.9         |
| Ambient temperature             | -20 - 40 °C |

**Volumetric flow rate 60 Hz**

|                               |                         |
|-------------------------------|-------------------------|
| Characteristic curve – 0 Pa   | 42589 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 41464 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 40320 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 39179 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 37992 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 36700 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 35293 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 33756 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 32160 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 30402 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 28366 m <sup>3</sup> /h |
| Characteristic curve – 110 Pa | 26448 m <sup>3</sup> /h |

**Spec. power 60 Hz**

|                               |                                |
|-------------------------------|--------------------------------|
| Characteristic curve – 0 Pa   | 38.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 10 Pa  | 41.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 20 Pa  | 44.1 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 30 Pa  | 47.1 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa  | 50.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa  | 53.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa  | 57.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa  | 61.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa  | 66.1 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 90 Pa  | 70.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 100 Pa | 76.3 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 110 Pa | 82.3 W/(1000m <sup>3</sup> /h) |