

**Big Dutchman®****Fan f/recircul. airFN045-SDQ 3 50Hz 400V 0.26A 4700m<sup>3</sup>/h**

Article number: 40-20-1099

**Big Dutchman®****Basic data**

|                            |                   |
|----------------------------|-------------------|
| Montiert                   | Mounted           |
| Thermal protection contact | Yes               |
| Type                       | Recirculating air |

**Rated values**

|                        |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| Phases                 | 3 Ph                                                                         |
| Nominal frequency [Hz] | 50/60 Hz                                                                     |
| Control                | Frequency converter (with all-pole sinusoidal filter ) / Transformer / Triac |

**Classification**

|                                 |      |
|---------------------------------|------|
| IP protection rating            | IP54 |
| Certifications                  | CE   |
| Insulation class (DIN EN 60085) | F    |
| Efficiency rating (ErP)         | E15  |

**Dimensions**

|             |        |
|-------------|--------|
| Width       | 535 mm |
| Height      | 575 mm |
| Total depth | 206 mm |
| Diameter    | 490 mm |

**Rated values 50 Hz**

|                                  |         |
|----------------------------------|---------|
| Elektrische Nennleistung         | 0.18 kW |
| Nominal voltage delta connection | 230 V   |

**Rated values 50 Hz**

|                                  |               |
|----------------------------------|---------------|
| Nominal voltage star connection  | 400 V         |
| Nominal current delta connection | 0,51 A        |
| Nominal current star connection  | 0,26 A        |
| Speed                            | 900/630 U/min |
| Power factor                     | 0.52          |
| Ambient temperature              | -40 - 70 °C   |
| Sound power level Lw             | 63 dB         |
| Sound pressure level Lp          | 38 dB         |

**Volumetric flow rate 50 Hz**

|                              |           |
|------------------------------|-----------|
| Characteristic curve – 0 Pa  | 4659 m³/h |
| Characteristic curve – 10 Pa | 4458 m³/h |
| Characteristic curve – 20 Pa | 4258 m³/h |
| Characteristic curve – 30 Pa | 3990 m³/h |
| Characteristic curve – 40 Pa | 3621 m³/h |
| Characteristic curve – 50 Pa | 3207 m³/h |
| Characteristic curve – 60 Pa | 2600 m³/h |

**Rated values 60 Hz**

|                                  |               |
|----------------------------------|---------------|
| Elektrische Nennleistung         | 0.24 kW       |
| Nominal voltage delta connection | 230 V         |
| Nominal voltage star connection  | 400 V         |
| Nominal current delta connection | 0,6 A         |
| Nominal current star connection  | 0,25 A        |
| Speed                            | 940/520 U/min |
| Power factor                     | 0.59          |
| Ambient temperature              | -40 - 70 °C   |