

**Fan BD-V125-T-3-1.50HP E15 45980m<sup>3</sup> 400-3-50 unassembled**

Article number: 60-48-4830

**Basic data**

|          |                      |
|----------|----------------------|
| Montiert | Unmounted            |
| Type     | Installation in pipe |
| Chimney  | 1270 - BD 1270       |

**Rated values**

|                        |                     |
|------------------------|---------------------|
| Phases                 | 3 Ph                |
| Nominal frequency [Hz] | 50 Hz               |
| Control                | Frequency converter |

**Classification**

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

**Rated values 50 Hz**

|                                  |             |
|----------------------------------|-------------|
| Elektrische Nennleistung         | 1.4 kW      |
| Nominal voltage delta connection | 230 V       |
| Nominal voltage star connection  | 400 V       |
| Nominal current delta connection | 4,7 A       |
| Nominal current star connection  | 2,7 A       |
| Speed                            | 595 U/min   |
| Power factor                     | 0.71        |
| Ambient temperature              | -25 - 40 °C |

**Rated values 50 Hz**

|                            |       |
|----------------------------|-------|
| Sound power level $L_w$    | 88 dB |
| Sound pressure level $L_p$ | 63 dB |

**Volumetric flow rate 50 Hz**

|                              |                         |
|------------------------------|-------------------------|
| Characteristic curve – 0 Pa  | 45980 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa | 44300 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa | 42520 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa | 40600 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa | 38510 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa | 36190 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa | 33540 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa | 30370 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa | 26150 m <sup>3</sup> /h |

**Spec. power 50 Hz**

|                              |                                |
|------------------------------|--------------------------------|
| Characteristic curve – 0 Pa  | 29.3 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 10 Pa | 31.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 20 Pa | 34 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 30 Pa | 36.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa | 39.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa | 42.9 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa | 46.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa | 51.8 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 80 Pa | 58.8 W/(1000m <sup>3</sup> /h) |