



Big Dutchman®

Fan EM50 1.00HP SST 37020m³ 400-3-50 unassembled max. 60Pa

Article number: 60-25-1032



Basic data

| | |
|----------|------------------------|
| Montiert | Unmounted |
| Type | Installation at a wall |

Rated values

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

Classification

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

Dimensions

| | |
|-------------|---------|
| Width | 1380 mm |
| Height | 1380 mm |
| Total depth | 530 mm |
| Diameter | 1270 mm |

Rated values 50 Hz

| | |
|----------------------------------|--------|
| Elektrische Nennleistung | 1.1 kW |
| Nominal voltage delta connection | 230 V |
| Nominal voltage star connection | 400 V |
| Nominal current delta connection | 3,5 A |
| Nominal current star connection | 2 A |

**Rated values 50 Hz**

| | |
|-------------------------------------|-------------|
| Speed | 366 U/min |
| Power factor | 0.78 |
| Ambient temperature | -25 - 50 °C |
| Sound power level L _w | 88 dB |
| Sound pressure level L _p | 63 dB |

Volumetric flow rate 50 Hz

| | |
|------------------------------|-------------------------|
| Characteristic curve – 0 Pa | 37000 m ³ /h |
| Characteristic curve – 10 Pa | 35400 m ³ /h |
| Characteristic curve – 20 Pa | 33500 m ³ /h |
| Characteristic curve – 30 Pa | 31420 m ³ /h |
| Characteristic curve – 40 Pa | 29080 m ³ /h |
| Characteristic curve – 50 Pa | 26200 m ³ /h |
| Characteristic curve – 60 Pa | 22840 m ³ /h |
| Characteristic curve – 70 Pa | 19060 m ³ /h |

Spec. power 50 Hz

| | |
|------------------------------|--------------------------------|
| Characteristic curve – 0 Pa | 29 W/(1000m ³ /h) |
| Characteristic curve – 10 Pa | 31.5 W/(1000m ³ /h) |
| Characteristic curve – 20 Pa | 34 W/(1000m ³ /h) |
| Characteristic curve – 30 Pa | 36.5 W/(1000m ³ /h) |
| Characteristic curve – 40 Pa | 39 W/(1000m ³ /h) |
| Characteristic curve – 50 Pa | 46 W/(1000m ³ /h) |
| Characteristic curve – 60 Pa | 54.3 W/(1000m ³ /h) |
| Characteristic curve – 70 Pa | 65.8 W/(1000m ³ /h) |