

**Big Dutchman®****Fan EM50 1.50HP IE3 SST 41930m³ 400-3-50 ass. 60Pa**

Article number: 60-25-1002

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	No
Type	Installation at a wall

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

Dimensions

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

Rated values 50 Hz

Nominal voltage delta connection	400 V
Nominal voltage star connection	230 V
Nominal current delta connection	5,2 A

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**Rated values 50 Hz**

Nominal current star connection	3 A
Speed	431 U/min
Power factor	0.69
Ambient temperature	-25 - 50 °C
Sound power level L _w	90 dB
Sound pressure level L _p	65 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	42400 m ³ /h
Characteristic curve – 10 Pa	40880 m ³ /h
Characteristic curve – 20 Pa	39240 m ³ /h
Characteristic curve – 30 Pa	37560 m ³ /h
Characteristic curve – 40 Pa	35800 m ³ /h
Characteristic curve – 50 Pa	33850 m ³ /h
Characteristic curve – 60 Pa	31480 m ³ /h
Characteristic curve – 70 Pa	26160 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	37 W/(1000m ³ /h)
Characteristic curve – 10 Pa	39.5 W/(1000m ³ /h)
Characteristic curve – 20 Pa	42 W/(1000m ³ /h)
Characteristic curve – 30 Pa	44.5 W/(1000m ³ /h)
Characteristic curve – 40 Pa	47 W/(1000m ³ /h)
Characteristic curve – 50 Pa	51 W/(1000m ³ /h)
Characteristic curve – 60 Pa	55.2 W/(1000m ³ /h)
Characteristic curve – 70 Pa	68.2 W/(1000m ³ /h)