



**Big Dutchman®**

**Fan EM36 0.50HP SST 16900m<sup>3</sup> 400-3-50 ass. max. 60Pa**

Article number: 60-21-1330



**Basic data**

Montiert	Mounted
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	1090 mm
Height	1090 mm
Total depth	530 mm
Diameter	925 mm

**Rated values 50 Hz**

Elektrische Nennleistung	0.71 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	2,3 A
Nominal current star connection	1,3 A

[www.bigdutchman.shop](http://www.bigdutchman.shop)

9/1/2023



## Rated values 50 Hz

Speed	474 U/min
Power factor	0.69
Ambient temperature	-25 - 50 °C
Sound power level L <sub>w</sub>	82 dB
Sound pressure level L <sub>p</sub>	57 dB

## Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	18808 m <sup>3</sup> /h
Characteristic curve – 10 Pa	17785 m <sup>3</sup> /h
Characteristic curve – 20 Pa	16607 m <sup>3</sup> /h
Characteristic curve – 30 Pa	15178 m <sup>3</sup> /h
Characteristic curve – 40 Pa	13472 m <sup>3</sup> /h
Characteristic curve – 50 Pa	11518 m <sup>3</sup> /h
Characteristic curve – 60 Pa	8681 m <sup>3</sup> /h

## Spec. power 50 Hz

Characteristic curve – 0 Pa	30.6 W/(1000m <sup>3</sup> /h)
Characteristic curve – 10 Pa	33.2 W/(1000m <sup>3</sup> /h)
Characteristic curve – 20 Pa	36.5 W/(1000m <sup>3</sup> /h)
Characteristic curve – 30 Pa	40.9 W/(1000m <sup>3</sup> /h)
Characteristic curve – 40 Pa	46.5 W/(1000m <sup>3</sup> /h)
Characteristic curve – 50 Pa	53.2 W/(1000m <sup>3</sup> /h)
Characteristic curve – 60 Pa	68.1 W/(1000m <sup>3</sup> /h)