

**Big Dutchman®****Fan EM36 0.50HP IE2 SST 16900m³ 400-3-50 unass. 60Pa**

Article number: 60-21-1331

**Big Dutchman®****Basic data**

Montiert	Mounted
Type	Installation at a wall

Rated values

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

Classification

Insulation class (DIN EN 60085)	F
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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
Speed	474 U/min

**Rated values 50 Hz**

Power factor	0.69
Ambient temperature	-25 - 50 °C
Sound power level L _w	82 dB
Sound pressure level L _p	57 dB

Volumetric flow rate 50 Hz

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

Spec. power 50 Hz

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