



**Big Dutchman®**

**Fan EM50 1.00HP E15 galv 37020m<sup>3</sup> 400-3-50 assembled 60Pa**

Article number: 60-25-1530



**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
Certifications	CE
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E15

**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

**Rated values 50 Hz**

Nominal current delta connection	3,5 A
Nominal current star connection	2 A
Speed	366 U/min
Power factor	0.78
Ambient temperature	-25 - 50 °C
Sound power level Lw	88 dB
Sound pressure level Lp	63 dB

**Volumetric flow rate 50 Hz**

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

**Spec. power 50 Hz**

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