



**Big Dutchman®**

**Fan EM50 1.50HP E15 SST 41930m<sup>3</sup> 400-3-50 ass. 60Pa with**

Article number: 60-25-3037



**Basic data**

Montiert	Mounted
Thermal protection contact	Yes
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	1.4 kW
Nominal voltage delta connection	230 V

**Rated values 50 Hz**

Nominal voltage star connection	400 V
Nominal current delta connection	5,2 A
Nominal current star connection	3 A
Speed	431 U/min
Power factor	0.69
Ambient temperature	-25 - 50 °C
Sound power level Lw	90 dB
Sound pressure level Lp	65 dB

**Volumetric flow rate 50 Hz**

Characteristic curve – 0 Pa	42400 m <sup>3</sup> /h
Characteristic curve – 10 Pa	40880 m <sup>3</sup> /h
Characteristic curve – 20 Pa	39240 m <sup>3</sup> /h
Characteristic curve – 30 Pa	37560 m <sup>3</sup> /h
Characteristic curve – 40 Pa	35800 m <sup>3</sup> /h
Characteristic curve – 50 Pa	33800 m <sup>3</sup> /h
Characteristic curve – 60 Pa	31480 m <sup>3</sup> /h
Characteristic curve – 70 Pa	26160 m <sup>3</sup> /h

**Spec. power 50 Hz**

Characteristic curve – 0 Pa	37 W/(1000m <sup>3</sup> /h)
Characteristic curve – 10 Pa	39.5 W/(1000m <sup>3</sup> /h)
Characteristic curve – 20 Pa	42 W/(1000m <sup>3</sup> /h)
Characteristic curve – 30 Pa	44.5 W/(1000m <sup>3</sup> /h)
Characteristic curve – 40 Pa	47 W/(1000m <sup>3</sup> /h)
Characteristic curve – 50 Pa	51 W/(1000m <sup>3</sup> /h)
Characteristic curve – 60 Pa	55.2 W/(1000m <sup>3</sup> /h)
Characteristic curve – 70 Pa	68.9 W/(1000m <sup>3</sup> /h)