

**Big Dutchman®****Fan EMC50 1.00HP E15 SST 40400m³ 400-3-50 unassembled 60Pa**

Article number: 60-25-1042

**Big Dutchman®****Basic data**

Montiert	Unmounted
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	1280 mm
Diameter	1270 mm
Other dimension	1500 mm

Rated values 50 Hz

Elektrische Nennleistung	1.05 kW
Nominal voltage delta connection	230 V

**Rated values 50 Hz**

Nominal voltage star connection	400 V
Nominal current delta connection	3,5 A
Nominal current star connection	2 A
Speed	409 U/min
Power factor	0.78
Ambient temperature	-25 - 50 °C
Sound power level L _w	89 dB
Sound pressure level L _p	64 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	39655 m ³ /h
Characteristic curve – 10 Pa	37499 m ³ /h
Characteristic curve – 20 Pa	34994 m ³ /h
Characteristic curve – 30 Pa	32055 m ³ /h
Characteristic curve – 40 Pa	28621 m ³ /h
Characteristic curve – 50 Pa	24616 m ³ /h
Characteristic curve – 60 Pa	17931 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	25.2 W/(1000m ³ /h)
Characteristic curve – 10 Pa	27.4 W/(1000m ³ /h)
Characteristic curve – 20 Pa	29.9 W/(1000m ³ /h)
Characteristic curve – 30 Pa	33.1 W/(1000m ³ /h)
Characteristic curve – 40 Pa	37.4 W/(1000m ³ /h)
Characteristic curve – 50 Pa	43.6 W/(1000m ³ /h)
Characteristic curve – 60 Pa	62 W/(1000m ³ /h)