

**Big Dutchman®****Fan EM52 2.00HP IE3 SST 45300m³ 400-3-50 assembled max 100P**

Article number: 60-25-1001

**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

IP protection rating	IP55
Certifications	CE
Insulation class (DIN EN 60085)	F

Dimensions

Width	1430 mm
Height	1430 mm
Total depth	550 mm
Diameter	1333 mm

Rated values 50 Hz

Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	6,18 A
Nominal current star connection	3,57 A

**Rated values 50 Hz**

Speed	443 U/min
Power factor	0.73
Ambient temperature	-25 - 50 °C
Sound power level L _w	92 dB
Sound pressure level L _p	67 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	43000 m ³ /h
Characteristic curve – 10 Pa	41484 m ³ /h
Characteristic curve – 20 Pa	39778 m ³ /h
Characteristic curve – 30 Pa	37865 m ³ /h
Characteristic curve – 40 Pa	35819 m ³ /h
Characteristic curve – 50 Pa	33900 m ³ /h
Characteristic curve – 60 Pa	31449 m ³ /h
Characteristic curve – 70 Pa	28813 m ³ /h
Characteristic curve – 80 Pa	25609 m ³ /h
Characteristic curve – 90 Pa	22404 m ³ /h
Characteristic curve – 100 Pa	19200 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	38 W/(1000m ³ /h)
Characteristic curve – 10 Pa	40.1 W/(1000m ³ /h)
Characteristic curve – 20 Pa	42.4 W/(1000m ³ /h)
Characteristic curve – 30 Pa	45 W/(1000m ³ /h)
Characteristic curve – 40 Pa	48.1 W/(1000m ³ /h)
Characteristic curve – 50 Pa	52.2 W/(1000m ³ /h)
Characteristic curve – 60 Pa	56.2 W/(1000m ³ /h)
Characteristic curve – 70 Pa	62.3 W/(1000m ³ /h)
Characteristic curve – 80 Pa	73.2 W/(1000m ³ /h)
Characteristic curve – 90 Pa	84.1 W/(1000m ³ /h)
Characteristic curve – 100 Pa	95 W/(1000m ³ /h)