

**Big Dutchman®****Fan EM52 2.00HP E15 SST 45300m³ 400-3-50 assembled max 100P**

Article number: 60-25-1035

**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
Efficiency rating (ErP)	E15

Dimensions

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

Rated values 50 Hz

Elektrische Nennleistung	1.63 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V

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**Rated values 50 Hz**

Nominal current delta connection	6,18 A
Nominal current star connection	3,57 A
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)