

**Big Dutchman®****Fan ECblue2 FF080-ZIT 22500m³ 230V/0-10 5.0A f/tube**

Article number: 60-47-8999

**Big Dutchman®****Basic data**

Montiert	Mounted
Type	Installation in pipe
Chimney	820 - BD 820

Rated values

Phases	1 Ph
Nominal frequency [Hz]	50/60 Hz
Control	0-10 V

Classification

IP protection rating	IP55
Certifications	CE, UL
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E15

Rated values 50 Hz

Elektrische Nennleistung	1.15 kW
Nominal voltage single-phase	200-277 V
Nominal current single-phase	5,8-4,2 A
Speed	1090 U/min
Ambient temperature	-35 - 40 °C
Sound power level L _w	77 dB
Sound pressure level L _p	52 dB

**Volumetric flow rate 50 Hz**

Characteristic curve – 0 Pa	24265 m ³ /h
Characteristic curve – 10 Pa	23575 m ³ /h
Characteristic curve – 20 Pa	22852 m ³ /h
Characteristic curve – 30 Pa	22104 m ³ /h
Characteristic curve – 40 Pa	21518 m ³ /h
Characteristic curve – 50 Pa	20732 m ³ /h
Characteristic curve – 60 Pa	19867 m ³ /h
Characteristic curve – 70 Pa	18817 m ³ /h
Characteristic curve – 80 Pa	17387 m ³ /h
Characteristic curve – 90 Pa	15836 m ³ /h
Characteristic curve – 100 Pa	12608 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	35.9 W/(1000m ³ /h)
Characteristic curve – 10 Pa	39.2 W/(1000m ³ /h)
Characteristic curve – 20 Pa	42.4 W/(1000m ³ /h)
Characteristic curve – 30 Pa	45.6 W/(1000m ³ /h)
Characteristic curve – 40 Pa	48.5 W/(1000m ³ /h)
Characteristic curve – 50 Pa	52 W/(1000m ³ /h)
Characteristic curve – 60 Pa	55.5 W/(1000m ³ /h)
Characteristic curve – 70 Pa	59.4 W/(1000m ³ /h)
Characteristic curve – 80 Pa	64.3 W/(1000m ³ /h)
Characteristic curve – 90 Pa	70 W/(1000m ³ /h)
Characteristic curve – 100 Pa	84.3 W/(1000m ³ /h)

Rated values 60 Hz

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Nominal current single-phase	5,8-4,2 A
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