

**Big Dutchman®****Fan ECblue FN091-ZIT 33300m³/h 3Ph 50/60Hz 400V E15**

Article number: 60-47-9127

**Big Dutchman®****Basic data**

Montiert	Mounted
Type	Installation in pipe
Chimney	920 - BD & CL920

Rated values

Phases	3 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	3.5 kW
Nominal voltage delta connection	380-480 V
Nominal current delta connection	5,6-4,4 A
Speed	1130 U/min
Power factor	1
Ambient temperature	-35 - 40 °C
Sound power level Lw	84 dB
Sound pressure level Lp	59 dB

**Volumetric flow rate 50 Hz**

Characteristic curve – 0 Pa	33428 m³/h
Characteristic curve – 10 Pa	33142 m³/h
Characteristic curve – 20 Pa	32714 m³/h
Characteristic curve – 30 Pa	32285 m³/h
Characteristic curve – 40 Pa	31857 m³/h
Characteristic curve – 50 Pa	31571 m³/h
Characteristic curve – 60 Pa	31285 m³/h
Characteristic curve – 70 Pa	30714 m³/h
Characteristic curve – 80 Pa	30428 m³/h
Characteristic curve – 90 Pa	30000 m³/h
Characteristic curve – 100 Pa	29571 m³/h
Characteristic curve – 110 Pa	29142 m³/h
Characteristic curve – 120 Pa	28712 m³/h
Characteristic curve – 140 Pa	28000 m³/h
Characteristic curve – 160 Pa	27142 m³/h
Characteristic curve – 180 Pa	26285 m³/h
Characteristic curve – 200 Pa	25012 m³/h

Spec. power 50 Hz

Characteristic curve – 0 Pa	62.3 W/(1000m³/h)
Characteristic curve – 10 Pa	64 W/(1000m³/h)
Characteristic curve – 20 Pa	65.9 W/(1000m³/h)
Characteristic curve – 30 Pa	67.9 W/(1000m³/h)
Characteristic curve – 40 Pa	69.9 W/(1000m³/h)
Characteristic curve – 50 Pa	71.9 W/(1000m³/h)
Characteristic curve – 60 Pa	74 W/(1000m³/h)
Characteristic curve – 70 Pa	76.2 W/(1000m³/h)
Characteristic curve – 80 Pa	78.5 W/(1000m³/h)
Characteristic curve – 90 Pa	80.8 W/(1000m³/h)
Characteristic curve – 100 Pa	83.2 W/(1000m³/h)
Characteristic curve – 110 Pa	85.7 W/(1000m³/h)
Characteristic curve – 120 Pa	88.2 W/(1000m³/h)
Characteristic curve – 140 Pa	93.6 W/(1000m³/h)
Characteristic curve – 160 Pa	99.3 W/(1000m³/h)
Characteristic curve – 180 Pa	105.2 W/(1000m³/h)
Characteristic curve – 200 Pa	111.3 W/(1000m³/h)

Rated values 60 Hz

Elektrische Nennleistung	3.5 kW
Nominal voltage delta connection	380-480 V
Nominal current delta connection	5.6-4.4 A
Speed	1130 U/min
Power factor	1
Ambient temperature	-35 - 40 °C
Sound power level Lw	84 dB
Sound pressure level Lp	59 dB

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	36102 m³/h
Characteristic curve – 10 Pa	35696 m³/h
Characteristic curve – 20 Pa	35282 m³/h
Characteristic curve – 30 Pa	34860 m³/h



Volumetric flow rate 60 Hz

Characteristic curve – 40 Pa	34433 m ³ /h
Characteristic curve – 50 Pa	34000 m ³ /h
Characteristic curve – 60 Pa	33564 m ³ /h
Characteristic curve – 70 Pa	33123 m ³ /h
Characteristic curve – 80 Pa	32671 m ³ /h
Characteristic curve – 90 Pa	32203 m ³ /h
Characteristic curve – 100 Pa	31710 m ³ /h