

**Big Dutchman®****Fan ECBlue2 FN091-ZIQ 3Ph 400V 50/60Hz 3.5kW**

Article number: 60-47-9004

**Big Dutchman®****Basic data**

Montiert	Mounted
Type	Installation at a wall
Weight	49 kg

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

Dimensions

Width	1010 mm
Height	1070 mm
Total depth	266 mm
Diameter	977 mm

Rated values 50 Hz

Elektrische Nennleistung	3.5 kW
Nominal voltage delta connection	380-480 V

**Rated values 50 Hz**

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	80 dB
Sound pressure level Lp	60 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	33322 m³/h
Characteristic curve – 10 Pa	33000 m³/h
Characteristic curve – 20 Pa	32650 m³/h
Characteristic curve – 30 Pa	32300 m³/h
Characteristic curve – 40 Pa	31950 m³/h
Characteristic curve – 50 Pa	31600 m³/h
Characteristic curve – 60 Pa	31350 m³/h
Characteristic curve – 70 Pa	31000 m³/h
Characteristic curve – 80 Pa	30500 m³/h
Characteristic curve – 90 Pa	30000 m³/h
Characteristic curve – 100 Pa	29670 m³/h
Characteristic curve – 110 Pa	29150 m³/h
Characteristic curve – 120 Pa	28680 m³/h
Characteristic curve – 140 Pa	28806.69565 m³/h
Characteristic curve – 160 Pa	27990.6087 m³/h
Characteristic curve – 180 Pa	27184.5 m³/h
Characteristic curve – 200 Pa	26379.5 m³/h

Spec. power 50 Hz

Characteristic curve – 0 Pa	64.8 W/(1000m³/h)
Characteristic curve – 10 Pa	67.2 W/(1000m³/h)
Characteristic curve – 20 Pa	69.7 W/(1000m³/h)
Characteristic curve – 30 Pa	72.2 W/(1000m³/h)
Characteristic curve – 40 Pa	74.8 W/(1000m³/h)
Characteristic curve – 50 Pa	77.4 W/(1000m³/h)
Characteristic curve – 60 Pa	87.9 W/(1000m³/h)
Characteristic curve – 70 Pa	90.5 W/(1000m³/h)
Characteristic curve – 80 Pa	93.3 W/(1000m³/h)
Characteristic curve – 90 Pa	96 W/(1000m³/h)
Characteristic curve – 100 Pa	105.4 W/(1000m³/h)
Characteristic curve – 110 Pa	108.4 W/(1000m³/h)
Characteristic curve – 120 Pa	111.5 W/(1000m³/h)
Characteristic curve – 140 Pa	117.9 W/(1000m³/h)
Characteristic curve – 160 Pa	130.8 W/(1000m³/h)
Characteristic curve – 180 Pa	138.7 W/(1000m³/h)
Characteristic curve – 200 Pa	147.4 W/(1000m³/h)

Rated values 60 Hz

Elektrische Nennleistung	3.4 kW
Nominal voltage delta connection	380-480 V
Nominal current delta connection	5,4-4,2 A
Speed	1130 U/min
Power factor	1
Ambient temperature	-35 - 40 °C
Sound power level Lw	80 dB



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Rated values 60 Hz

Sound pressure level Lp

60 dB