

**Big Dutchman®****Fan FC050-4DQ 8330m³ 400V 432W 1.3A**

Article number: 60-47-9650

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation at a wall

Rated values

Phases	3 Ph
Nominal frequency [Hz]	50 Hz
Control	Frequency converter (with all-pole sinusoidal filter) / Transformer / Triac

Classification

IP protection rating	IP54
Certifications	CE
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E15

Dimensions

Width	615 mm
Height	655 mm
Total depth	120 mm
Diameter	535 mm
Other dimension	615 mm

Rated values 50 Hz

Elektrische Nennleistung	0.53 kW
www.bigdutchman.shop	9/2/2023

**Rated values 50 Hz**

Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	1,9 A
Nominal current star connection	1,1 A
Speed	1360 U/min
Power factor	0.7
Ambient temperature	-40 - 40 °C
Sound power level L _w	78 dB
Sound pressure level L _p	53 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	8398 m ³ /h
Characteristic curve – 10 Pa	8226 m ³ /h
Characteristic curve – 20 Pa	8053 m ³ /h
Characteristic curve – 30 Pa	7886 m ³ /h
Characteristic curve – 40 Pa	7719 m ³ /h
Characteristic curve – 50 Pa	7526 m ³ /h
Characteristic curve – 60 Pa	7330 m ³ /h
Characteristic curve – 70 Pa	7135 m ³ /h
Characteristic curve – 80 Pa	6930 m ³ /h
Characteristic curve – 90 Pa	6713 m ³ /h
Characteristic curve – 100 Pa	6478 m ³ /h
Characteristic curve – 110 Pa	6229 m ³ /h
Characteristic curve – 120 Pa	5934 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	47.6 W/(1000m ³ /h)
Characteristic curve – 10 Pa	50.7 W/(1000m ³ /h)
Characteristic curve – 20 Pa	52.4 W/(1000m ³ /h)
Characteristic curve – 30 Pa	54.5 W/(1000m ³ /h)
Characteristic curve – 40 Pa	56.9 W/(1000m ³ /h)
Characteristic curve – 50 Pa	59.7 W/(1000m ³ /h)
Characteristic curve – 60 Pa	62.7 W/(1000m ³ /h)
Characteristic curve – 70 Pa	65.5 W/(1000m ³ /h)
Characteristic curve – 80 Pa	69.1 W/(1000m ³ /h)
Characteristic curve – 90 Pa	72.2 W/(1000m ³ /h)
Characteristic curve – 100 Pa	75.9 W/(1000m ³ /h)
Characteristic curve – 110 Pa	78.9 W/(1000m ³ /h)
Characteristic curve – 120 Pa	84.6 W/(1000m ³ /h)