

**Big Dutchman®****Fan FN056-4ET 11000m³ 230V 1150W 5.0A f/pipe**

Article number: 40-10-4009

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation in pipe
Weight	22 kg

Rated values

Phases	1 Ph
Nominal frequency [Hz]	50/60 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

Rated values 50 Hz

Elektrische Nennleistung	1.15 kW
Nominal voltage single-phase	230 V
Voltage tolerance	10 %
Nominal current single-phase	5 A
Speed	1330 U/min
Ambient temperature	-25 - 70 °C
Sound power level Lw	80 dB

**Rated values 50 Hz**

Sound pressure level Lp	55 dB
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Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	10898 m ³ /h
Characteristic curve – 10 Pa	10738.2381 m ³ /h
Characteristic curve – 20 Pa	10578.47619 m ³ /h
Characteristic curve – 30 Pa	10418.71429 m ³ /h
Characteristic curve – 40 Pa	10258.95238 m ³ /h
Characteristic curve – 50 Pa	10085.97143 m ³ /h
Characteristic curve – 60 Pa	9909.685714 m ³ /h
Characteristic curve – 70 Pa	9733.4 m ³ /h
Characteristic curve – 80 Pa	9547.65625 m ³ /h
Characteristic curve – 90 Pa	9339.84375 m ³ /h
Characteristic curve – 100 Pa	9132.03125 m ³ /h
Characteristic curve – 110 Pa	8920.44 m ³ /h
Characteristic curve – 120 Pa	8674.84 m ³ /h
Characteristic curve – 140 Pa	8175.461538 m ³ /h
Characteristic curve – 160 Pa	7657 m ³ /h
Characteristic curve – 180 Pa	7019.823529 m ³ /h
Characteristic curve – 200 Pa	6295.25 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	75.61020371 W/(1000m ³ /h)
Characteristic curve – 10 Pa	78.26503417 W/(1000m ³ /h)
Characteristic curve – 20 Pa	81.00005402 W/(1000m ³ /h)
Characteristic curve – 30 Pa	83.81895216 W/(1000m ³ /h)
Characteristic curve – 40 Pa	86.72564729 W/(1000m ³ /h)
Characteristic curve – 50 Pa	89.73992165 W/(1000m ³ /h)
Characteristic curve – 60 Pa	92.86441259 W/(1000m ³ /h)
Characteristic curve – 70 Pa	96.10208149 W/(1000m ³ /h)
Characteristic curve – 80 Pa	99.57286638 W/(1000m ³ /h)
Characteristic curve – 90 Pa	103.4613133 W/(1000m ³ /h)
Characteristic curve – 100 Pa	107.5267345 W/(1000m ³ /h)
Characteristic curve – 110 Pa	111.8061441 W/(1000m ³ /h)
Characteristic curve – 120 Pa	116.5393252 W/(1000m ³ /h)
Characteristic curve – 140 Pa	126.974718 W/(1000m ³ /h)
Characteristic curve – 160 Pa	139.0884158 W/(1000m ³ /h)
Characteristic curve – 180 Pa	155.6097438 W/(1000m ³ /h)
Characteristic curve – 200 Pa	177.5942179 W/(1000m ³ /h)

Rated values 60 Hz

Elektrische Nennleistung	1.6 kW
Nominal voltage single-phase	230 V
Voltage tolerance	10 %
Nominal current single-phase	7 A
Speed	1340 U/min
Ambient temperature	-25 - 60 °C

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	12285 m ³ /h
Characteristic curve – 10 Pa	12102.61905 m ³ /h
Characteristic curve – 20 Pa	11920.2381 m ³ /h

**Volumetric flow rate 60 Hz**

Characteristic curve – 30 Pa	11737.85714 m ³ /h
Characteristic curve – 40 Pa	11555.47619 m ³ /h
Characteristic curve – 50 Pa	11348.11111 m ³ /h
Characteristic curve – 60 Pa	11134.5 m ³ /h
Characteristic curve – 70 Pa	10920.88889 m ³ /h
Characteristic curve – 80 Pa	10702 m ³ /h
Characteristic curve – 90 Pa	10462 m ³ /h
Characteristic curve – 100 Pa	10222 m ³ /h
Characteristic curve – 110 Pa	9982 m ³ /h
Characteristic curve – 120 Pa	9700.75 m ³ /h
Characteristic curve – 140 Pa	9110.269231 m ³ /h
Characteristic curve – 160 Pa	8463.346154 m ³ /h
Characteristic curve – 180 Pa	7706 m ³ /h
Characteristic curve – 200 Pa	6843.75 m ³ /h

Spec. power 60 Hz

Characteristic curve – 0 Pa	105.4131054 W/(1000m ³ /h)
Characteristic curve – 10 Pa	108.1623419 W/(1000m ³ /h)
Characteristic curve – 20 Pa	110.9957056 W/(1000m ³ /h)
Characteristic curve – 30 Pa	113.917118 W/(1000m ³ /h)
Characteristic curve – 40 Pa	116.9307482 W/(1000m ³ /h)
Characteristic curve – 50 Pa	120.3528732 W/(1000m ³ /h)
Characteristic curve – 60 Pa	123.9840137 W/(1000m ³ /h)
Characteristic curve – 70 Pa	127.7572033 W/(1000m ³ /h)
Characteristic curve – 80 Pa	131.7142647 W/(1000m ³ /h)
Characteristic curve – 90 Pa	135.9813003 W/(1000m ³ /h)
Characteristic curve – 100 Pa	140.4487054 W/(1000m ³ /h)
Characteristic curve – 110 Pa	145.1309326 W/(1000m ³ /h)
Characteristic curve – 120 Pa	150.6713398 W/(1000m ³ /h)
Characteristic curve – 140 Pa	163.1970684 W/(1000m ³ /h)
Characteristic curve – 160 Pa	178.3982513 W/(1000m ³ /h)
Characteristic curve – 180 Pa	199.0656631 W/(1000m ³ /h)
Characteristic curve – 200 Pa	227.4885845 W/(1000m ³ /h)