

**Fan FN050-6DT 3x400V 50/60Hz 0.74/0.88A**

Article number: 60-47-7911

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation in pipe
Chimney	500 - BD 520

Rated values

Phases	3 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	0.29 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	1,3 A
Nominal current star connection	0,74 A
Speed	870 U/min
Power factor	0.57

**Rated values 50 Hz**

Ambient temperature	-40 - 70 °C
Sound power level Lw	64 dB
Sound pressure level Lp	39 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	6745 m³/h
Characteristic curve – 10 Pa	6437 m³/h
Characteristic curve – 20 Pa	6057 m³/h
Characteristic curve – 30 Pa	5596 m³/h
Characteristic curve – 40 Pa	5054 m³/h
Characteristic curve – 50 Pa	4188 m³/h
Characteristic curve – 60 Pa	3839 m³/h

Spec. power 50 Hz

Characteristic curve – 0 Pa	25.4 W/(1000m³/h)
Characteristic curve – 10 Pa	29.4 W/(1000m³/h)
Characteristic curve – 20 Pa	33.5 W/(1000m³/h)
Characteristic curve – 30 Pa	38.2 W/(1000m³/h)
Characteristic curve – 40 Pa	43.9 W/(1000m³/h)
Characteristic curve – 50 Pa	54.2 W/(1000m³/h)
Characteristic curve – 60 Pa	61.5 W/(1000m³/h)

Rated values 60 Hz

Elektrische Nennleistung	0.38 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	1,5 A
Nominal current star connection	0,88 A
Speed	860 U/min
Power factor	0.62
Ambient temperature	-40 - 65 °C