

**Fan FC091-6DT 36800m³/h 3Ph 50Hz 400V 7,2A**

Article number: 60-47-9128

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation in pipe
Weight	46.6 kg
Chimney	920 - BD & CL920

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

Rated values 50 Hz

Elektrische Nennleistung	3.6 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Voltage tolerance	-10 - 10 %
Nominal current delta connection	12,5 A
Nominal current star connection	7,2 A

**Rated values 50 Hz**

Speed	890 U/min
Power factor	0.72
Ambient temperature	-40 - 60 °C
Sound power level L _w	89 dB
Sound pressure level L _p	64 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	36781 m ³ /h
Characteristic curve – 10 Pa	36330 m ³ /h
Characteristic curve – 20 Pa	35879 m ³ /h
Characteristic curve – 30 Pa	35427 m ³ /h
Characteristic curve – 40 Pa	34976 m ³ /h
Characteristic curve – 50 Pa	34518 m ³ /h
Characteristic curve – 60 Pa	33999 m ³ /h
Characteristic curve – 70 Pa	33481 m ³ /h
Characteristic curve – 80 Pa	32962 m ³ /h
Characteristic curve – 90 Pa	32429 m ³ /h
Characteristic curve – 100 Pa	31837 m ³ /h
Characteristic curve – 110 Pa	31246 m ³ /h
Characteristic curve – 120 Pa	30655 m ³ /h
Characteristic curve – 140 Pa	29334 m ³ /h
Characteristic curve – 160 Pa	27953 m ³ /h
Characteristic curve – 180 Pa	26031 m ³ /h
Characteristic curve – 200 Pa	23752 m ³ /h