

**Fan FF091-6DT 3x400V 50/60Hz 1.9/2.4A f/pipe**

Article number: 60-47-7907

**Dimensions**

Length	460.00 mm
Width	459.00 mm
Height	176.00 mm
Actual weight	23.270 kg

Basic data

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

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	0.92 kW
www.bigdutchman.shop	3/21/2025

**Rated values 50 Hz**

Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	3,3 A
Nominal current star connection	1,9 A
Speed	880 U/min
Power factor	0.69
Ambient temperature	-40 - 70 °C
Sound power level L _w	75 dB
Sound pressure level L _p	50 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	24979 m ³ /h
Characteristic curve – 10 Pa	23989 m ³ /h
Characteristic curve – 20 Pa	22935 m ³ /h
Characteristic curve – 30 Pa	21725 m ³ /h
Characteristic curve – 40 Pa	20440 m ³ /h
Characteristic curve – 50 Pa	19173 m ³ /h
Characteristic curve – 60 Pa	17633 m ³ /h
Characteristic curve – 70 Pa	15631 m ³ /h
Characteristic curve – 80 Pa	13520 m ³ /h
Characteristic curve – 90 Pa	11001 m ³ /h
Characteristic curve – 100 Pa	7731 m ³ /h
Characteristic curve – 110 Pa	4323 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	28.5 W/(1000m ³ /h)
Characteristic curve – 10 Pa	30.7 W/(1000m ³ /h)
Characteristic curve – 20 Pa	33.3 W/(1000m ³ /h)
Characteristic curve – 30 Pa	36.3 W/(1000m ³ /h)
Characteristic curve – 40 Pa	39.8 W/(1000m ³ /h)
Characteristic curve – 50 Pa	43.3 W/(1000m ³ /h)
Characteristic curve – 60 Pa	47.6 W/(1000m ³ /h)
Characteristic curve – 70 Pa	53.5 W/(1000m ³ /h)
Characteristic curve – 80 Pa	61.6 W/(1000m ³ /h)
Characteristic curve – 90 Pa	76 W/(1000m ³ /h)
Characteristic curve – 100 Pa	108.4 W/(1000m ³ /h)
Characteristic curve – 110 Pa	197.2 W/(1000m ³ /h)

Rated values 60 Hz

Elektrische Nennleistung	1.3 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	4,2 A
Nominal current star connection	2,4 A
Speed	930 U/min
Power factor	0.77
Ambient temperature	-40 - 45 °C

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	25382 m ³ /h
Characteristic curve – 10 Pa	24500 m ³ /h
Characteristic curve – 20 Pa	23621 m ³ /h



Volumetric flow rate 60 Hz

Characteristic curve – 30 Pa	22700 m ³ /h
Characteristic curve – 40 Pa	21800 m ³ /h
Characteristic curve – 50 Pa	20850 m ³ /h
Characteristic curve – 60 Pa	19840 m ³ /h
Characteristic curve – 70 Pa	18800 m ³ /h
Characteristic curve – 80 Pa	17766 m ³ /h
Characteristic curve – 90 Pa	16600 m ³ /h
Characteristic curve – 100 Pa	15139 m ³ /h