

**Fan FN091-SDT 24000m³ 3Ph 60Hz 230V 5A f/air scrubber**

Article number: 60-50-0140

**Dimensions**

Length	910.00 mm
Width	910.00 mm
Height	283.00 mm
Actual weight	60.892 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	1.95 kW
www.bigdutchman.shop	11/3/2023

**Rated values 50 Hz**

Nominal voltage delta connection	400 V
Nominal voltage star connection	230 V
Nominal current delta connection	4,4 A
Nominal current star connection	2,3 A
Speed	880/720 U/min
Power factor	0.64
Ambient temperature	-40 - 70 °C
Sound power level L _w	78 dB
Sound pressure level L _p	53 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	29191 m ³ /h
Characteristic curve – 10 Pa	28529 m ³ /h
Characteristic curve – 20 Pa	27868 m ³ /h
Characteristic curve – 30 Pa	27206 m ³ /h
Characteristic curve – 40 Pa	26610 m ³ /h
Characteristic curve – 50 Pa	26014 m ³ /h
Characteristic curve – 60 Pa	25367 m ³ /h
Characteristic curve – 70 Pa	24602 m ³ /h
Characteristic curve – 80 Pa	23853 m ³ /h
Characteristic curve – 90 Pa	23114 m ³ /h
Characteristic curve – 100 Pa	22236 m ³ /h
Characteristic curve – 110 Pa	21268 m ³ /h
Characteristic curve – 120 Pa	20188 m ³ /h
Characteristic curve – 140 Pa	17886 m ³ /h
Characteristic curve – 160 Pa	14117 m ³ /h
Characteristic curve – 180 Pa	10766 m ³ /h

Rated values 60 Hz

Elektrische Nennleistung	2.8 kW
Nominal voltage delta connection	400 V
Nominal voltage star connection	230 V
Nominal current delta connection	5 A
Nominal current star connection	2,8 A
Speed	970/710 U/min
Power factor	0.8
Ambient temperature	-40 - 70 °C