

**Fan FN091-8DT REV 3Ph 60Hz 345V 20200m³ f/tube UL+CSA**

Article number: 60-47-9193

**Big Dutchman®****Basic data**

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

Rated values

Phases	3 Ph
Nominal frequency [Hz]	60 Hz
Control	Frequency converter (with all-pole sinusoidal filter) / Transformer / Triac

Classification

IP protection rating	IP54
Certifications	CE, UL
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E15

Rated values 60 Hz

Elektrische Nennleistung	1.25 kW
Nominal voltage delta connection	200 V
Nominal voltage star connection	345 V
Nominal current delta connection	5 A
Nominal current star connection	2,8 A
Speed	700 U/min
Power factor	0.71

**Rated values 60 Hz**

Ambient temperature	-40 - 70 °C
Sound power level L _w	72 dB
Sound pressure level L _p	47 dB

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	21544 m ³ /h
Characteristic curve – 10 Pa	20807 m ³ /h
Characteristic curve – 20 Pa	20062 m ³ /h
Characteristic curve – 30 Pa	19303 m ³ /h
Characteristic curve – 40 Pa	18491 m ³ /h
Characteristic curve – 50 Pa	17596 m ³ /h
Characteristic curve – 60 Pa	16545 m ³ /h
Characteristic curve – 70 Pa	15196 m ³ /h
Characteristic curve – 80 Pa	13521 m ³ /h
Characteristic curve – 90 Pa	11268 m ³ /h

Spec. power 60 Hz

Characteristic curve – 0 Pa	23.8 W/(1000m ³ /h)
Characteristic curve – 10 Pa	26.6 W/(1000m ³ /h)
Characteristic curve – 20 Pa	29.5 W/(1000m ³ /h)
Characteristic curve – 30 Pa	32.4 W/(1000m ³ /h)
Characteristic curve – 40 Pa	35.6 W/(1000m ³ /h)
Characteristic curve – 50 Pa	39 W/(1000m ³ /h)
Characteristic curve – 60 Pa	43 W/(1000m ³ /h)
Characteristic curve – 70 Pa	48.4 W/(1000m ³ /h)
Characteristic curve – 80 Pa	56.4 W/(1000m ³ /h)
Characteristic curve – 90 Pa	70 W/(1000m ³ /h)