

**Fan FN091-6DT.6N HR 3x400V 50Hz 4.0A 2.5m cable f/pipe**

Article number: 60-50-0311

**Dimensions**

Length	880.00 mm
Width	900.00 mm
Height	300.00 mm
Actual weight	35.200 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 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
--------------------------	---------

**Rated values 50 Hz**

Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	7 A
Nominal current star connection	4 A
Speed	880 U/min
Power factor	0.69
Ambient temperature	-40 - 65 °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

Spec. power 50 Hz

Characteristic curve – 0 Pa	40.2 W/(1000m ³ /h)
Characteristic curve – 10 Pa	43 W/(1000m ³ /h)
Characteristic curve – 20 Pa	45.9 W/(1000m ³ /h)
Characteristic curve – 30 Pa	48.9 W/(1000m ³ /h)
Characteristic curve – 40 Pa	51.7 W/(1000m ³ /h)
Characteristic curve – 50 Pa	54.6 W/(1000m ³ /h)
Characteristic curve – 60 Pa	57.8 W/(1000m ³ /h)
Characteristic curve – 70 Pa	61.4 W/(1000m ³ /h)
Characteristic curve – 80 Pa	64.9 W/(1000m ³ /h)
Characteristic curve – 90 Pa	68.4 W/(1000m ³ /h)
Characteristic curve – 100 Pa	72.7 W/(1000m ³ /h)
Characteristic curve – 110 Pa	77.7 W/(1000m ³ /h)
Characteristic curve – 120 Pa	83.5 W/(1000m ³ /h)
Characteristic curve – 140 Pa	97.2 W/(1000m ³ /h)
Characteristic curve – 160 Pa	123.6 W/(1000m ³ /h)
Characteristic curve – 180 Pa	171.2 W/(1000m ³ /h)
Characteristic curve – 200 Pa	247.8 W/(1000m ³ /h)