

**Fan FF080-6DT(S) 3x400V 50/60Hz 1.85/2.2A f/pipe**

Article number: 60-47-7916

**Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation in pipe
Weight	18.5 kg
Chimney	800 - CL 800

Rated values

Phases	3 Ph
Nominal frequency [Hz]	50/60 Hz
Control	Frequency converter (with all-pole sinusoidal filter) / Triac

Classification

IP protection rating	IP54
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E15

Rated values 50 Hz

Elektrische Nennleistung	0.78 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Voltage tolerance	-10 - 10 %
Nominal current delta connection	3,2 A
Nominal current star connection	1,85 A
Speed	910 U/min

**Rated values 50 Hz**

Power factor	0.62
Ambient temperature	-35 - 70 °C
Sound power level L _w	80 dB
Sound pressure level L _p	55 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	21722 m ³ /h
Characteristic curve – 10 Pa	20920 m ³ /h
Characteristic curve – 20 Pa	20057 m ³ /h
Characteristic curve – 30 Pa	19106 m ³ /h
Characteristic curve – 40 Pa	18303 m ³ /h
Characteristic curve – 50 Pa	17443 m ³ /h
Characteristic curve – 60 Pa	16452 m ³ /h
Characteristic curve – 70 Pa	15200 m ³ /h
Characteristic curve – 80 Pa	13610 m ³ /h
Characteristic curve – 90 Pa	11199 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	28.54249148 W/(1000m ³ /h)
Characteristic curve – 10 Pa	30.88621372 W/(1000m ³ /h)
Characteristic curve – 20 Pa	33.4786095 W/(1000m ³ /h)
Characteristic curve – 30 Pa	36.37600754 W/(1000m ³ /h)
Characteristic curve – 40 Pa	39.11506731 W/(1000m ³ /h)
Characteristic curve – 50 Pa	42.14606697 W/(1000m ³ /h)
Characteristic curve – 60 Pa	45.74575426 W/(1000m ³ /h)
Characteristic curve – 70 Pa	50.46052632 W/(1000m ³ /h)
Characteristic curve – 80 Pa	56.54138653 W/(1000m ³ /h)
Characteristic curve – 90 Pa	67.77592571 W/(1000m ³ /h)

Rated values 60 Hz

Elektrische Nennleistung	1.15 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Voltage tolerance	-10 - 10 %
Nominal current delta connection	3,8 A
Nominal current star connection	2,2 A
Speed	990 U/min
Power factor	0.76
Ambient temperature	-35 - 60 °C
Sound power level L _w	83 dB
Sound pressure level L _p	58 dB

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	24166 m ³ /h
Characteristic curve – 10 Pa	23513.64706 m ³ /h
Characteristic curve – 20 Pa	22831.35714 m ³ /h
Characteristic curve – 30 Pa	22079.21429 m ³ /h
Characteristic curve – 40 Pa	21186.6875 m ³ /h
Characteristic curve – 50 Pa	20273.10526 m ³ /h
Characteristic curve – 60 Pa	19346.78947 m ³ /h
Characteristic curve – 70 Pa	18343 m ³ /h
Characteristic curve – 80 Pa	17223 m ³ /h

**Volumetric flow rate 60 Hz**

Characteristic curve – 90 Pa	15973.66667 m ³ /h
Characteristic curve – 100 Pa	14595 m ³ /h

Spec. power 60 Hz

Characteristic curve – 0 Pa	38.02863527 W/(1000m ³ /h)
Characteristic curve – 10 Pa	40.23445709 W/(1000m ³ /h)
Characteristic curve – 20 Pa	42.61369858 W/(1000m ³ /h)
Characteristic curve – 30 Pa	45.26235082 W/(1000m ³ /h)
Characteristic curve – 40 Pa	48.38238635 W/(1000m ³ /h)
Characteristic curve – 50 Pa	51.766795 W/(1000m ³ /h)
Characteristic curve – 60 Pa	55.36074257 W/(1000m ³ /h)
Characteristic curve – 70 Pa	59.44042902 W/(1000m ³ /h)
Characteristic curve – 80 Pa	64.22256652 W/(1000m ³ /h)
Characteristic curve – 90 Pa	69.78151541 W/(1000m ³ /h)
Characteristic curve – 100 Pa	76.46454265 W/(1000m ³ /h)