

**Fan FN080-6EQ 230V 1Ph 50/60Hz 6.2A 19600m³/h**

Article number: 60-47-9181

**Dimensions**

Length	968.00 mm
Width	968.00 mm
Height	223.00 mm
Actual weight	52.892 kg

Basic data

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation at a wall

Rated values

Phases	1 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

Dimensions

Width	910 mm
Height	970 mm

**Dimensions**

Total depth	319 mm
Diameter	870 mm

Rated values 50 Hz

Elektrische Nennleistung	1.3 kW
Nominal voltage single-phase	230 V
Nominal current single-phase	6,2 A
Speed	870 U/min
Ambient temperature	-25 - 70 °C
Sound power level L _w	84 dB
Sound pressure level L _p	59 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	19629 m ³ /h
Characteristic curve – 10 Pa	19252 m ³ /h
Characteristic curve – 20 Pa	18862 m ³ /h
Characteristic curve – 30 Pa	18357 m ³ /h
Characteristic curve – 40 Pa	17849 m ³ /h
Characteristic curve – 50 Pa	17312 m ³ /h
Characteristic curve – 60 Pa	16766 m ³ /h
Characteristic curve – 70 Pa	16207 m ³ /h
Characteristic curve – 80 Pa	15598 m ³ /h
Characteristic curve – 90 Pa	14964 m ³ /h
Characteristic curve – 100 Pa	14320 m ³ /h
Characteristic curve – 110 Pa	13665 m ³ /h
Characteristic curve – 120 Pa	12877 m ³ /h
Characteristic curve – 140 Pa	11060 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	50.1 W/(1000m ³ /h)
Characteristic curve – 10 Pa	52.9 W/(1000m ³ /h)
Characteristic curve – 20 Pa	55.1 W/(1000m ³ /h)
Characteristic curve – 30 Pa	57.7 W/(1000m ³ /h)
Characteristic curve – 40 Pa	60.5 W/(1000m ³ /h)
Characteristic curve – 50 Pa	64.1 W/(1000m ³ /h)
Characteristic curve – 60 Pa	67.6 W/(1000m ³ /h)
Characteristic curve – 70 Pa	70.3 W/(1000m ³ /h)
Characteristic curve – 80 Pa	74.8 W/(1000m ³ /h)
Characteristic curve – 90 Pa	80.2 W/(1000m ³ /h)
Characteristic curve – 100 Pa	84.5 W/(1000m ³ /h)
Characteristic curve – 110 Pa	89.8 W/(1000m ³ /h)
Characteristic curve – 120 Pa	97.3 W/(1000m ³ /h)
Characteristic curve – 140 Pa	115.9 W/(1000m ³ /h)

Rated values 60 Hz

Elektrische Nennleistung	1.75 kW
Nominal voltage single-phase	230 V
Nominal current single-phase	8 A
Speed	910 U/min
Ambient temperature	-25 - 50 °C
Sound power level L _w	86 dB
Sound pressure level L _p	61 dB

**Volumetric flow rate 60 Hz**

Characteristic curve – 0 Pa	22077 m ³ /h
Characteristic curve – 10 Pa	21605 m ³ /h
Characteristic curve – 20 Pa	21132 m ³ /h
Characteristic curve – 30 Pa	20651 m ³ /h
Characteristic curve – 40 Pa	20158 m ³ /h
Characteristic curve – 50 Pa	19657 m ³ /h
Characteristic curve – 60 Pa	19092 m ³ /h
Characteristic curve – 70 Pa	18527 m ³ /h
Characteristic curve – 80 Pa	17835 m ³ /h
Characteristic curve – 90 Pa	17120 m ³ /h
Characteristic curve – 100 Pa	16444 m ³ /h
Characteristic curve – 110 Pa	15744 m ³ /h
Characteristic curve – 120 Pa	15030 m ³ /h
Characteristic curve – 140 Pa	13524 m ³ /h
Characteristic curve – 160 Pa	11288 m ³ /h