

**Big Dutchman®****Fan 6E82-Q 16200m³ 230V 50Hz 2.4A f/pipe**

Article number: 60-47-7594

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation in pipe
Weight	19.6 kg
Chimney	820 - BD 820

Rated values

Phases	1 Ph
Nominal frequency [Hz]	50 Hz
Control	Triac / Transformer

Classification

IP protection rating	IP55
Certifications	CE
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E20

Rated values 50 Hz

Elektrische Nennleistung	0.53 kW
Nominal voltage single-phase	230 V
Nominal current single-phase	2,4 A
Speed	915 U/min
Power factor	0.98
Ambient temperature	-25 - 40 °C

**Volumetric flow rate 50 Hz**

Characteristic curve – 0 Pa	16200 m ³ /h
Characteristic curve – 10 Pa	15600 m ³ /h
Characteristic curve – 20 Pa	15200 m ³ /h
Characteristic curve – 30 Pa	14800 m ³ /h
Characteristic curve – 40 Pa	13500 m ³ /h
Characteristic curve – 50 Pa	12700 m ³ /h
Characteristic curve – 60 Pa	11900 m ³ /h
Characteristic curve – 70 Pa	11200 m ³ /h
Characteristic curve – 80 Pa	10300 m ³ /h
Characteristic curve – 90 Pa	9150 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	32.7 W/(1000m ³ /h)
Characteristic curve – 10 Pa	35.1 W/(1000m ³ /h)
Characteristic curve – 20 Pa	37.5 W/(1000m ³ /h)
Characteristic curve – 30 Pa	40.4 W/(1000m ³ /h)
Characteristic curve – 40 Pa	43.4 W/(1000m ³ /h)
Characteristic curve – 50 Pa	46.9 W/(1000m ³ /h)
Characteristic curve – 60 Pa	50.5 W/(1000m ³ /h)
Characteristic curve – 70 Pa	54.3 W/(1000m ³ /h)
Characteristic curve – 80 Pa	58.7 W/(1000m ³ /h)
Characteristic curve – 90 Pa	61.3 W/(1000m ³ /h)
Characteristic curve – 100 Pa	64.4 W/(1000m ³ /h)