

**Big Dutchman®****Fan 4E45-Q 6750m³ 230V 50Hz 1.5A f/pipe**

Article number: 60-47-4573

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation in pipe
Weight	8.8 kg
Chimney	450 - BD 470

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	0.32 kW
Nominal voltage single-phase	230 V
Nominal current single-phase	1,5 A
Speed	1420 U/min
Power factor	0.93
Ambient temperature	-25 - 40 °C

**Rated values 50 Hz**

Sound power level L _w	77 dB
Sound pressure level L _p	67 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	6750 m ³ /h
Characteristic curve – 10 Pa	6600 m ³ /h
Characteristic curve – 20 Pa	6400 m ³ /h
Characteristic curve – 30 Pa	6200 m ³ /h
Characteristic curve – 40 Pa	6050 m ³ /h
Characteristic curve – 50 Pa	5850 m ³ /h
Characteristic curve – 60 Pa	5650 m ³ /h
Characteristic curve – 70 Pa	5450 m ³ /h
Characteristic curve – 80 Pa	5200 m ³ /h
Characteristic curve – 90 Pa	4850 m ³ /h
Characteristic curve – 100 Pa	4450 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	47.9 W/(1000m ³ /h)
Characteristic curve – 10 Pa	50.1 W/(1000m ³ /h)
Characteristic curve – 20 Pa	52.6 W/(1000m ³ /h)
Characteristic curve – 30 Pa	55.2 W/(1000m ³ /h)
Characteristic curve – 40 Pa	57.7 W/(1000m ³ /h)
Characteristic curve – 50 Pa	60.1 W/(1000m ³ /h)
Characteristic curve – 60 Pa	62.9 W/(1000m ³ /h)
Characteristic curve – 70 Pa	66.1 W/(1000m ³ /h)
Characteristic curve – 80 Pa	69.6 W/(1000m ³ /h)
Characteristic curve – 90 Pa	73.9 W/(1000m ³ /h)
Characteristic curve – 100 Pa	79.2 W/(1000m ³ /h)