



Big Dutchman®

Fan 4D50-Q 8600m³ 400V 410W 0.9A

Article number: 60-47-4550



Basic data

Montiert	Mounted
Type	Installation at a wall

Rated values

Phases	3 Ph
Nominal frequency [Hz]	50 Hz
Control	Frequency converter / Transformer

Classification

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

Rated values 50 Hz

Elektrische Nennleistung	0.41 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	1,9 A
Nominal current star connection	1,1 A
Speed	1415 U/min
Ambient temperature	-25 - 40 °C
Sound power level Lw	80 dB
Sound pressure level Lp	69 dB



Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	8600 m ³ /h
Characteristic curve – 10 Pa	8400 m ³ /h
Characteristic curve – 20 Pa	8200 m ³ /h
Characteristic curve – 30 Pa	8000 m ³ /h
Characteristic curve – 40 Pa	7800 m ³ /h
Characteristic curve – 50 Pa	7550 m ³ /h
Characteristic curve – 60 Pa	7300 m ³ /h
Characteristic curve – 70 Pa	7050 m ³ /h
Characteristic curve – 80 Pa	6750 m ³ /h
Characteristic curve – 90 Pa	6450 m ³ /h
Characteristic curve – 100 Pa	6100 m ³ /h
Characteristic curve – 110 Pa	5550 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	47.8 W/(1000m ³ /h)
Characteristic curve – 10 Pa	50.2 W/(1000m ³ /h)
Characteristic curve – 20 Pa	52.3 W/(1000m ³ /h)
Characteristic curve – 30 Pa	54.6 W/(1000m ³ /h)
Characteristic curve – 40 Pa	57.1 W/(1000m ³ /h)
Characteristic curve – 50 Pa	59.7 W/(1000m ³ /h)
Characteristic curve – 60 Pa	62.2 W/(1000m ³ /h)
Characteristic curve – 70 Pa	65.2 W/(1000m ³ /h)
Characteristic curve – 80 Pa	68.1 W/(1000m ³ /h)
Characteristic curve – 90 Pa	71.3 W/(1000m ³ /h)
Characteristic curve – 100 Pa	75.3 W/(1000m ³ /h)
Characteristic curve – 110 Pa	80.8 W/(1000m ³ /h)