

**Big Dutchman®****Fan BD-VC140-3-2.0HP E15 54000m³/h 400-3-50 unassem w/cone**

Article number: 60-25-5501

**Big Dutchman®****Basic data**

Montiert	Unmounted
Type	Installation at a wall

Rated values

Phases	3 Ph
Nominal frequency [Hz]	50 Hz
Control	Not controllable

Classification

IP protection rating	IP55
Certifications	CE
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E15

Dimensions

Width	1480 mm
Height	1480 mm
Total depth	1340 mm
Diameter	1375 mm
Other dimension	1660 mm

Rated values 50 Hz

Elektrische Nennleistung	1.6 kW
Nominal voltage delta connection	230 V

**Rated values 50 Hz**

Nominal voltage star connection	400 V
Voltage tolerance	-20 - 10 %
Nominal current delta connection	5,6 A
Nominal current star connection	3,2 A
Speed	535 U/min
Ambient temperature	-25 - 40 °C
Sound power level L _w	91 dB
Sound pressure level L _p	66 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	54028 m ³ /h
Characteristic curve – 10 Pa	51709 m ³ /h
Characteristic curve – 20 Pa	49596 m ³ /h
Characteristic curve – 30 Pa	47411 m ³ /h
Characteristic curve – 40 Pa	45056 m ³ /h
Characteristic curve – 50 Pa	42578 m ³ /h
Characteristic curve – 60 Pa	38895 m ³ /h
Characteristic curve – 70 Pa	34895 m ³ /h
Characteristic curve – 80 Pa	29939 m ³ /h
Characteristic curve – 90 Pa	23364 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	29.9 W/(1000m ³ /h)
Characteristic curve – 10 Pa	32.4 W/(1000m ³ /h)
Characteristic curve – 20 Pa	35 W/(1000m ³ /h)
Characteristic curve – 30 Pa	37.5 W/(1000m ³ /h)
Characteristic curve – 40 Pa	40.1 W/(1000m ³ /h)
Characteristic curve – 50 Pa	43.4 W/(1000m ³ /h)
Characteristic curve – 60 Pa	48.3 W/(1000m ³ /h)
Characteristic curve – 70 Pa	54.2 W/(1000m ³ /h)
Characteristic curve – 80 Pa	61.9 W/(1000m ³ /h)
Characteristic curve – 90 Pa	80.7 W/(1000m ³ /h)