

**Big Dutchman®****Fan BD-VC140-6-2.00HP EVO 47200m³ 400-3-50 assembl f/cone**

Article number: 60-25-4051

**Big Dutchman®****Basic data**

Montiert	Unmounted
Thermal protection contact	No
Type	Installation at a wall
Weight	105 kg

Rated values

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

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
Nominal voltage star connection	400 V
Nominal current star connection	2,6 A
Speed	535 U/min
Power factor	0.91
Ambient temperature	-25 - 40 °C

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	47158 m ³ /h
Characteristic curve – 10 Pa	45841 m ³ /h
Characteristic curve – 20 Pa	44527 m ³ /h
Characteristic curve – 30 Pa	43252 m ³ /h
Characteristic curve – 40 Pa	41985 m ³ /h
Characteristic curve – 50 Pa	40784 m ³ /h
Characteristic curve – 60 Pa	39315 m ³ /h
Characteristic curve – 70 Pa	37737 m ³ /h
Characteristic curve – 80 Pa	35781 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	33.9 W/(1000m ³ /h)
Characteristic curve – 10 Pa	36.5 W/(1000m ³ /h)
Characteristic curve – 20 Pa	39.2 W/(1000m ³ /h)
Characteristic curve – 30 Pa	42 W/(1000m ³ /h)
Characteristic curve – 40 Pa	44.8 W/(1000m ³ /h)
Characteristic curve – 50 Pa	47.5 W/(1000m ³ /h)
Characteristic curve – 60 Pa	50.8 W/(1000m ³ /h)
Characteristic curve – 70 Pa	54.1 W/(1000m ³ /h)
Characteristic curve – 80 Pa	58.4 W/(1000m ³ /h)