

**Big Dutchman®****Fan BD-VC140-3-2.00HP EVO 53700m³ 400-3-50 unass w/cone w/fc**

Article number: 60-25-4032

**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)	E20

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	550 U/min
Power factor	0.92
Ambient temperature	-25 - 40 °C

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	53611 m ³ /h
Characteristic curve – 10 Pa	51494 m ³ /h
Characteristic curve – 20 Pa	49320 m ³ /h
Characteristic curve – 30 Pa	47093 m ³ /h
Characteristic curve – 40 Pa	44837 m ³ /h
Characteristic curve – 50 Pa	42167 m ³ /h
Characteristic curve – 60 Pa	39613 m ³ /h
Characteristic curve – 70 Pa	36643 m ³ /h
Characteristic curve – 80 Pa	32922 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	30.2 W/(1000m ³ /h)
Characteristic curve – 10 Pa	32.8 W/(1000m ³ /h)
Characteristic curve – 20 Pa	35.5 W/(1000m ³ /h)
Characteristic curve – 30 Pa	38.4 W/(1000m ³ /h)
Characteristic curve – 40 Pa	41.4 W/(1000m ³ /h)
Characteristic curve – 50 Pa	45.2 W/(1000m ³ /h)
Characteristic curve – 60 Pa	48.8 W/(1000m ³ /h)
Characteristic curve – 70 Pa	53.4 W/(1000m ³ /h)
Characteristic curve – 80 Pa	58.9 W/(1000m ³ /h)