

**Big Dutchman®****Fan BD-V140-6-2.00HP EVO 45500m³ 400-3-50 assembled w/fc**

Article number: 60-25-4049

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	No
Type	Installation at a wall
Weight	90 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	548 mm
Diameter	1375 mm

Rated values 50 Hz

Elektrische Nennleistung	1.65 kW
www.bigdutchman.shop	11/6/2023

**Rated values 50 Hz**

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	0.9
Ambient temperature	-25 - 40 °C

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	45545 m ³ /h
Characteristic curve – 10 Pa	44267 m ³ /h
Characteristic curve – 20 Pa	42961 m ³ /h
Characteristic curve – 30 Pa	41627 m ³ /h
Characteristic curve – 40 Pa	40296 m ³ /h
Characteristic curve – 50 Pa	38684 m ³ /h
Characteristic curve – 60 Pa	36962 m ³ /h
Characteristic curve – 70 Pa	35018 m ³ /h
Characteristic curve – 80 Pa	32843 m ³ /h
Characteristic curve – 90 Pa	30211 m ³ /h
Characteristic curve – 100 Pa	27468 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	36 W/(1000m ³ /h)
Characteristic curve – 10 Pa	38.8 W/(1000m ³ /h)
Characteristic curve – 20 Pa	41.7 W/(1000m ³ /h)
Characteristic curve – 30 Pa	44.8 W/(1000m ³ /h)
Characteristic curve – 40 Pa	48.1 W/(1000m ³ /h)
Characteristic curve – 50 Pa	52 W/(1000m ³ /h)
Characteristic curve – 60 Pa	56.2 W/(1000m ³ /h)
Characteristic curve – 70 Pa	60.7 W/(1000m ³ /h)
Characteristic curve – 80 Pa	65.6 W/(1000m ³ /h)
Characteristic curve – 90 Pa	71.6 W/(1000m ³ /h)
Characteristic curve – 100 Pa	78.4 W/(1000m ³ /h)