

**Big Dutchman®****Fan BD-V140-3-2.00HP EVO 51100m³ 400-3-60 assembled w/fc**

Article number: 60-25-4052

**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]	60 Hz
Control	Frequency converter

Classification

IP protection rating	IP55
Certifications	UL
Insulation class (DIN EN 60085)	F

Dimensions

Width	1480 mm
Height	1480 mm
Total depth	548 mm
Diameter	1375 mm

Rated values 60 Hz

Elektrische Nennleistung	1900 kW
Nominal voltage delta connection	230 V

**Rated values 60 Hz**

Nominal voltage star connection	400 V
Nominal current star connection	3 A
Speed	585 U/min
Power factor	0.92
Ambient temperature	-25 - 40 °C

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	51092 m ³ /h
Characteristic curve – 10 Pa	49186 m ³ /h
Characteristic curve – 20 Pa	47186 m ³ /h
Characteristic curve – 30 Pa	45083 m ³ /h
Characteristic curve – 40 Pa	42893 m ³ /h
Characteristic curve – 50 Pa	40494 m ³ /h
Characteristic curve – 60 Pa	38060 m ³ /h
Characteristic curve – 70 Pa	35398 m ³ /h
Characteristic curve – 80 Pa	32291 m ³ /h

Spec. power 60 Hz

Characteristic curve – 0 Pa	37.4 W/(1000m ³ /h)
Characteristic curve – 10 Pa	40.1 W/(1000m ³ /h)
Characteristic curve – 20 Pa	43 W/(1000m ³ /h)
Characteristic curve – 30 Pa	46.2 W/(1000m ³ /h)
Characteristic curve – 40 Pa	49.6 W/(1000m ³ /h)
Characteristic curve – 50 Pa	53.4 W/(1000m ³ /h)
Characteristic curve – 60 Pa	57.5 W/(1000m ³ /h)
Characteristic curve – 70 Pa	62.2 W/(1000m ³ /h)
Characteristic curve – 80 Pa	68 W/(1000m ³ /h)