

**Big Dutchman®****Fan BD-VC140-6-2.00HP EVO 44700m³ 230-1-60 ass f/cone w/FC**

Article number: 60-25-4058

**Big Dutchman®****Basic data**

Montiert	Mounted
Thermal protection contact	No
Type	Installation at a wall
Weight	90 kg

Rated values

Phases	1 Ph
Nominal frequency [Hz]	60 Hz
Control	Frequency converter

Classification

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

Dimensions

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

Rated values 60 Hz

Nominal voltage single-phase	230 V
Nominal current single-phase	11 A

**Rated values 60 Hz**

Speed	590 U/min
Power factor	0.67
Ambient temperature	-20 - 40 °C

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	44700 m ³ /h
Characteristic curve – 10 Pa	43408 m ³ /h
Characteristic curve – 20 Pa	42237 m ³ /h
Characteristic curve – 30 Pa	41079 m ³ /h
Characteristic curve – 40 Pa	39923 m ³ /h
Characteristic curve – 50 Pa	38758 m ³ /h
Characteristic curve – 60 Pa	37403 m ³ /h
Characteristic curve – 70 Pa	35429 m ³ /h
Characteristic curve – 80 Pa	32637 m ³ /h
Characteristic curve – 90 Pa	30355 m ³ /h
Characteristic curve – 100 Pa	27362 m ³ /h

Spec. power 60 Hz

Characteristic curve – 0 Pa	39.7 W/(1000m ³ /h)
Characteristic curve – 10 Pa	42.5 W/(1000m ³ /h)
Characteristic curve – 20 Pa	45.4 W/(1000m ³ /h)
Characteristic curve – 30 Pa	48.2 W/(1000m ³ /h)
Characteristic curve – 40 Pa	51.2 W/(1000m ³ /h)
Characteristic curve – 50 Pa	54.3 W/(1000m ³ /h)
Characteristic curve – 60 Pa	57.4 W/(1000m ³ /h)
Characteristic curve – 70 Pa	60.7 W/(1000m ³ /h)
Characteristic curve – 80 Pa	65.9 W/(1000m ³ /h)
Characteristic curve – 90 Pa	71 W/(1000m ³ /h)
Characteristic curve – 100 Pa	78.7 W/(1000m ³ /h)