



Big Dutchman®

Fan EM50-1.00HP IE2 SST 37020m³ 400-3-50 assembled max.60Pa

Article number: 60-25-1003



Basic data

Montiert	Mounted
Type	Installation at a wall

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

Dimensions

Width	1380 mm
Height	1380 mm
Total depth	530 mm
Diameter	1270 mm

Rated values 50 Hz

Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	3,5 A
Nominal current star connection	2 A



Rated values 50 Hz

Speed	366 U/min
Power factor	0.78
Sound power level L _w	88 dB
Sound pressure level L _p	63 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	37000 m ³ /h
Characteristic curve – 10 Pa	35400 m ³ /h
Characteristic curve – 20 Pa	33500 m ³ /h
Characteristic curve – 30 Pa	31420 m ³ /h
Characteristic curve – 40 Pa	29080 m ³ /h
Characteristic curve – 50 Pa	26200 m ³ /h
Characteristic curve – 60 Pa	22840 m ³ /h
Characteristic curve – 70 Pa	19060 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	29 W/(1000m ³ /h)
Characteristic curve – 10 Pa	31.5 W/(1000m ³ /h)
Characteristic curve – 20 Pa	34 W/(1000m ³ /h)
Characteristic curve – 30 Pa	36.5 W/(1000m ³ /h)
Characteristic curve – 40 Pa	39 W/(1000m ³ /h)
Characteristic curve – 50 Pa	46 W/(1000m ³ /h)
Characteristic curve – 60 Pa	54.3 W/(1000m ³ /h)
Characteristic curve – 70 Pa	65.8 W/(1000m ³ /h)