



Big Dutchman®

Fan EM50 1.50HP IE3 SST 41930m3 400 3 50 ass w/therm contact

Article number: 60-20-3082



Basic data

Montiert	Mounted
Thermal protection contact	Yes
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
Efficiency rating (ErP)	E15

Dimensions

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

Rated values 50 Hz

Elektrische Nennleistung	1.4 kW
Nominal voltage delta connection	230 V



Rated values 50 Hz

Nominal voltage star connection	400 V
Nominal current delta connection	5,2 A
Nominal current star connection	3 A
Speed	431 U/min
Power factor	0.69
Ambient temperature	-25 - 50 °C
Sound power level Lw	90 dB
Sound pressure level Lp	65 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	42400 m ³ /h
Characteristic curve – 10 Pa	40880 m ³ /h
Characteristic curve – 20 Pa	39240 m ³ /h
Characteristic curve – 30 Pa	37560 m ³ /h
Characteristic curve – 40 Pa	35800 m ³ /h
Characteristic curve – 50 Pa	33800 m ³ /h
Characteristic curve – 60 Pa	31480 m ³ /h
Characteristic curve – 70 Pa	26160 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	37 W/(1000m ³ /h)
Characteristic curve – 10 Pa	39.5 W/(1000m ³ /h)
Characteristic curve – 20 Pa	42 W/(1000m ³ /h)
Characteristic curve – 30 Pa	44.5 W/(1000m ³ /h)
Characteristic curve – 40 Pa	47 W/(1000m ³ /h)
Characteristic curve – 50 Pa	51 W/(1000m ³ /h)
Characteristic curve – 60 Pa	55.2 W/(1000m ³ /h)
Characteristic curve – 70 Pa	68.9 W/(1000m ³ /h)