



Big Dutchman®

Fan FN091-6DQ.6N.A5P1 3x400V 50/60Hz 4.0A/4.4A

Article number: 81-37-2695



Basic data

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation at a wall

Rated values

Phases	3 Ph
Nominal frequency [Hz]	50/60 Hz
Control	Frequency converter (with all-pole sinusoidal filter) / Transformer / Triac

Classification

IP protection rating	IP54
Certifications	CE
Insulation class (DIN EN 60085)	F
Efficiency rating (ErP)	E15

Dimensions

Width	1070 mm
Height	1070 mm
Total depth	210 mm
Diameter	990 mm
Other dimension	1010 mm

Rated values 50 Hz

Elektrische Nennleistung	1.8 kW
www.bigdutchman.shop	9/2/2023

**Rated values 50 Hz**

Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Voltage tolerance	-10 - 10 %
Nominal current delta connection	6,6 A
Nominal current star connection	3,9 A
Speed	830 U/min
Power factor	0.67
Ambient temperature	-40 - 65 °C
Sound power level L _w	76 dB
Sound pressure level L _p	51 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	26304 m ³ /h
Characteristic curve – 10 Pa	25693 m ³ /h
Characteristic curve – 20 Pa	25082 m ³ /h
Characteristic curve – 30 Pa	24391 m ³ /h
Characteristic curve – 40 Pa	23691 m ³ /h
Characteristic curve – 50 Pa	22994 m ³ /h
Characteristic curve – 60 Pa	22296 m ³ /h
Characteristic curve – 70 Pa	21557 m ³ /h
Characteristic curve – 80 Pa	20808 m ³ /h
Characteristic curve – 90 Pa	20085 m ³ /h
Characteristic curve – 100 Pa	19366 m ³ /h
Characteristic curve – 110 Pa	18577 m ³ /h
Characteristic curve – 120 Pa	17785 m ³ /h
Characteristic curve – 140 Pa	16156 m ³ /h
Characteristic curve – 160 Pa	14303 m ³ /h

Rated values 60 Hz

Elektrische Nennleistung	2.3 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Voltage tolerance	-10 - 10 %
Nominal current delta connection	7,6 A
Nominal current star connection	4,4 A
Speed	850 U/min
Power factor	0.76
Ambient temperature	-40 - 50 °C