

**Fan FN091-6DQ.6N.A5 3x400V 50Hz 4.0A**

Article number: 60-50-0216

**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 (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	1010 mm
Height	1070 mm
Total depth	299 mm
Diameter	990 mm

Rated values 50 Hz

Elektrische Nennleistung	1.95 kW
Nominal voltage delta connection	230 V

**Rated values 50 Hz**

Nominal voltage star connection	400 V
Nominal current delta connection	7 A
Nominal current star connection	4 A
Speed	880 U/min
Power factor	0.69
Ambient temperature	-10 - 40 °C
Sound power level L _w	78 dB
Sound pressure level L _p	53 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	27426 m ³ /h
Characteristic curve – 10 Pa	26850 m ³ /h
Characteristic curve – 20 Pa	26275 m ³ /h
Characteristic curve – 30 Pa	25678 m ³ /h
Characteristic curve – 40 Pa	25030 m ³ /h
Characteristic curve – 50 Pa	24382 m ³ /h
Characteristic curve – 60 Pa	23735 m ³ /h
Characteristic curve – 70 Pa	23087 m ³ /h
Characteristic curve – 80 Pa	22485 m ³ /h
Characteristic curve – 90 Pa	21902 m ³ /h
Characteristic curve – 100 Pa	21266 m ³ /h
Characteristic curve – 110 Pa	20577 m ³ /h
Characteristic curve – 120 Pa	19882 m ³ /h
Characteristic curve – 140 Pa	18447 m ³ /h
Characteristic curve – 160 Pa	17054 m ³ /h
Characteristic curve – 180 Pa	15102 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	49.9 W/(1000m ³ /h)
Characteristic curve – 10 Pa	51.9 W/(1000m ³ /h)
Characteristic curve – 20 Pa	55.1 W/(1000m ³ /h)
Characteristic curve – 30 Pa	57.8 W/(1000m ³ /h)
Characteristic curve – 40 Pa	60.7 W/(1000m ³ /h)
Characteristic curve – 50 Pa	63.9 W/(1000m ³ /h)
Characteristic curve – 60 Pa	68.6 W/(1000m ³ /h)
Characteristic curve – 70 Pa	71.4 W/(1000m ³ /h)
Characteristic curve – 80 Pa	75.1 W/(1000m ³ /h)
Characteristic curve – 90 Pa	78.3 W/(1000m ³ /h)
Characteristic curve – 100 Pa	82 W/(1000m ³ /h)
Characteristic curve – 110 Pa	86 W/(1000m ³ /h)
Characteristic curve – 120 Pa	90.4 W/(1000m ³ /h)
Characteristic curve – 140 Pa	100.3 W/(1000m ³ /h)
Characteristic curve – 160 Pa	110.9 W/(1000m ³ /h)
Characteristic curve – 180 Pa	128.8 W/(1000m ³ /h)