

**Fan FN050-VDT 5000m<sup>3</sup> 400V 840W 1.45A f/tube**

Article number: 40-10-3992

**Basic data**

Montiert	Mounted
Thermal protection contact	Yes
Type	Installation in pipe

**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

**Rated values 50 Hz**

Elektrische Nennleistung	0.84 kW
Nominal voltage delta connection	230 V
Nominal voltage star connection	400 V
Nominal current delta connection	1,45 A
Nominal current star connection	0,96 A
Speed	1340/940 U/min
Power factor	0.8
Ambient temperature	-40 - 70 °C



## Rated values 50 Hz

Sound power level $L_w$	74 dB
Sound pressure level $L_p$	49 dB

## Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	9462 m <sup>3</sup> /h
Characteristic curve – 10 Pa	9262 m <sup>3</sup> /h
Characteristic curve – 20 Pa	9102 m <sup>3</sup> /h
Characteristic curve – 30 Pa	8917 m <sup>3</sup> /h
Characteristic curve – 40 Pa	8726 m <sup>3</sup> /h
Characteristic curve – 50 Pa	8531 m <sup>3</sup> /h
Characteristic curve – 60 Pa	8311 m <sup>3</sup> /h
Characteristic curve – 70 Pa	8091 m <sup>3</sup> /h
Characteristic curve – 80 Pa	7870 m <sup>3</sup> /h
Characteristic curve – 90 Pa	7648 m <sup>3</sup> /h
Characteristic curve – 100 Pa	7421 m <sup>3</sup> /h
Characteristic curve – 110 Pa	7172 m <sup>3</sup> /h
Characteristic curve – 120 Pa	6923 m <sup>3</sup> /h
Characteristic curve – 140 Pa	6373 m <sup>3</sup> /h
Characteristic curve – 160 Pa	5537 m <sup>3</sup> /h