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Nominal data

Type	AC 6200 NM	
Phase		1~
Nominal voltage	VAC	115
Nominal voltage range	VAC	85 .. 265
Frequency	Hz	50
Speed (rpm)	min ⁻¹	2850
Power consumption	W	14
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	350
Sound power level	B	5.7
Sound pressure level	dB(A)	50

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

General description	Usable with all line voltages between 85 and 265 VAC, 50-60 Hz Housing with grounding lug for M4 x 8 screw (Torx)
Weight	0.900 kg
Dimensions	Ø 172 x 51 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Die-cast aluminum
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	80000 h
Service life L10 at maximum temperature	40000 h
Cable	With leads AWG 22, TR 64
Motor protection	Protection against reverse polarity and blocked rotor.
Protection class	IP54
Approval	UL, CSA, VDE
Option	Open-loop speed control, sensor and alarm signal; improved moisture protection or degree of protection IP54



Technical drawing of the 160mm DC brushless fan, showing side and front views with dimensions.

Side View Dimensions:

- Total width: $83,3 \pm 0,6$
- Mounting flange outer diameter: $\varnothing 166$
- Mounting flange thickness: $0,8$
- Motor body diameter: $\varnothing 63,7$
- Motor body length: 74
- Motor body mounting hole diameter: $7,5$
- Motor body mounting hole spacing: $30,5 \pm 0,2$
- Motor body mounting hole diameter: 6
- Motor body mounting hole spacing: 15
- Motor body mounting hole diameter: 10
- Motor body mounting hole spacing: $7,5$
- Motor body mounting hole diameter: $0,8$

Front View Dimensions:

- Outer diameter: $\varnothing 171,5 \pm 0,5$
- Inner diameter: $\varnothing 162^{+0,15}_{-0,3}$
- Mounting flange outer diameter: $\varnothing 166$
- Mounting flange thickness: $4,5 \pm 0,2$
- Mounting flange mounting hole diameter: $5,08 \pm 0,3$
- Mounting flange mounting hole spacing: 55°
- Mounting flange mounting hole diameter: $7,17$
- Mounting flange mounting hole spacing: $4,3 \pm 0,15$
- Mounting flange mounting hole diameter: 6 ± 1
- Mounting flange mounting hole spacing: 450 ± 10

Curves

