



MOD : CVX/4M

Production code : BERVDI4000PRO1F-C

09/2024



Air density (γ): 1.20 kg/m³

Installation type "B": free inlet, ducted outlet

12000 m³/h fan test chamber according to AMCA 210/05 fig. 12

Free-field inlet side Lp(A) measurements at 1 m according to ISO 3746:2011

Fan type: BERVDI 4000 PRO (CL: 1396)

Test nr.: 1243

Date: 2023/11/16

Power supply[V]: 230 1~

Frequency [Hz]: 50

Motor code: 201100G

Motor power [W]: 420

Motor poles: 4

Mot. prot. class: IP55

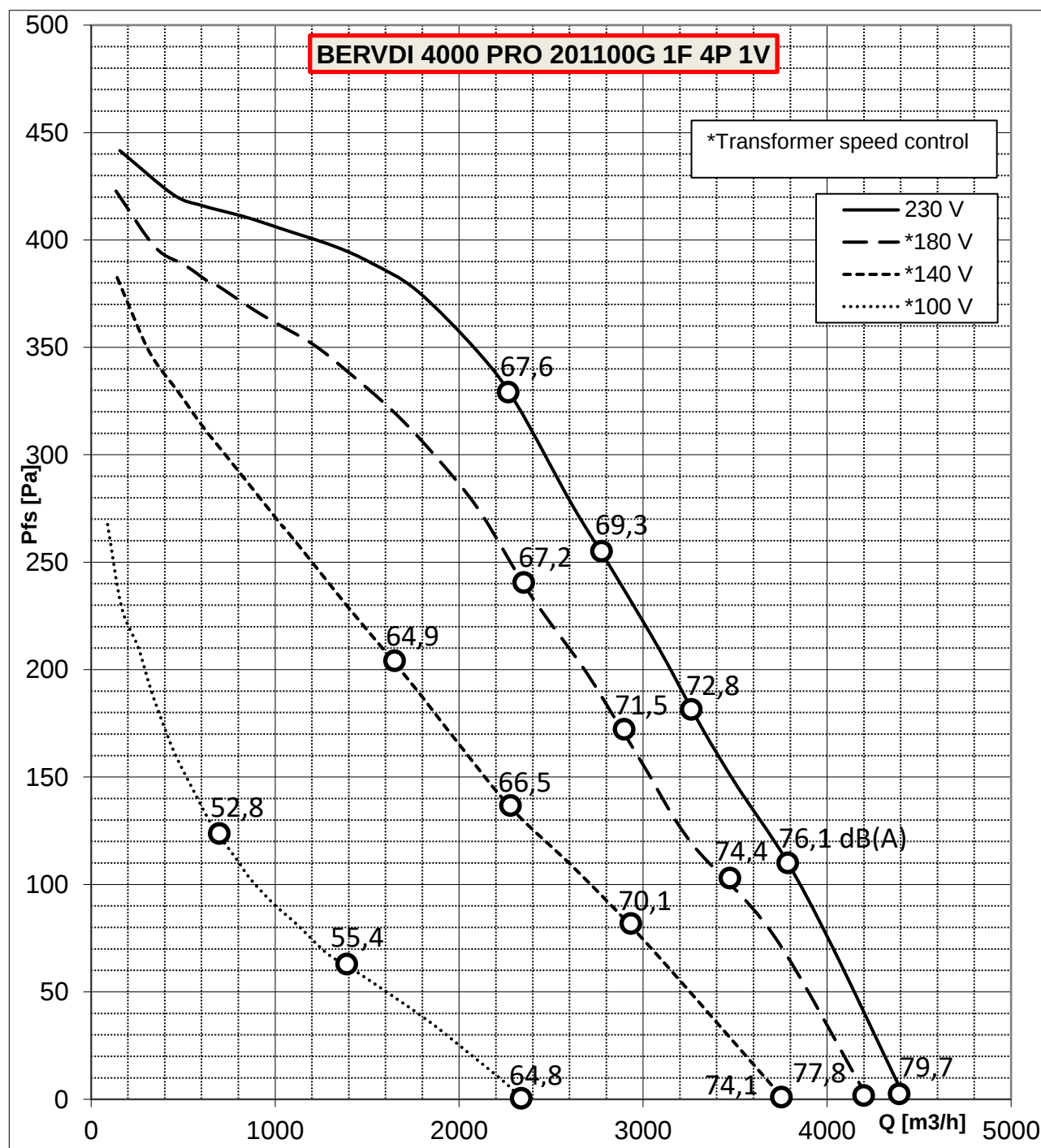
Mot. ins. class: F

Motor T.H.: YES-IN

Capacitor [μ F]: 16

Fan max. abs. current [A]: 2,4

ErP status: Not subjected to ErP Regulation



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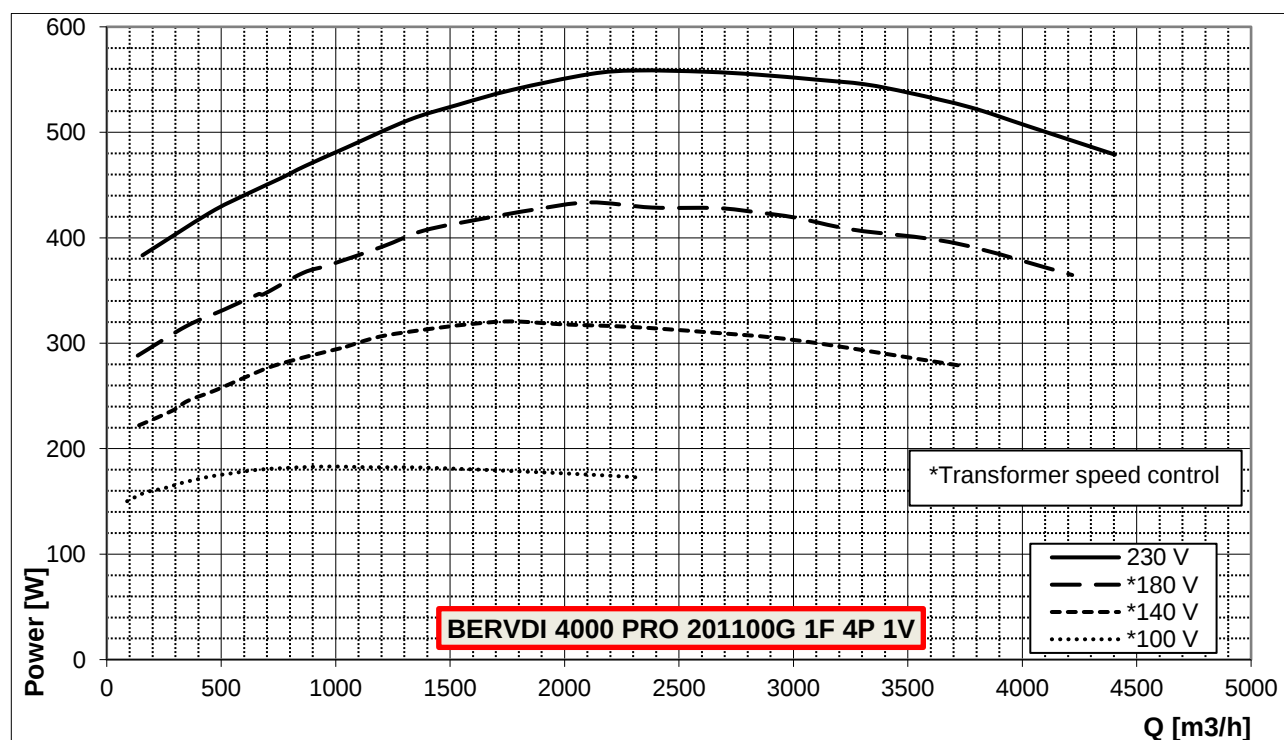
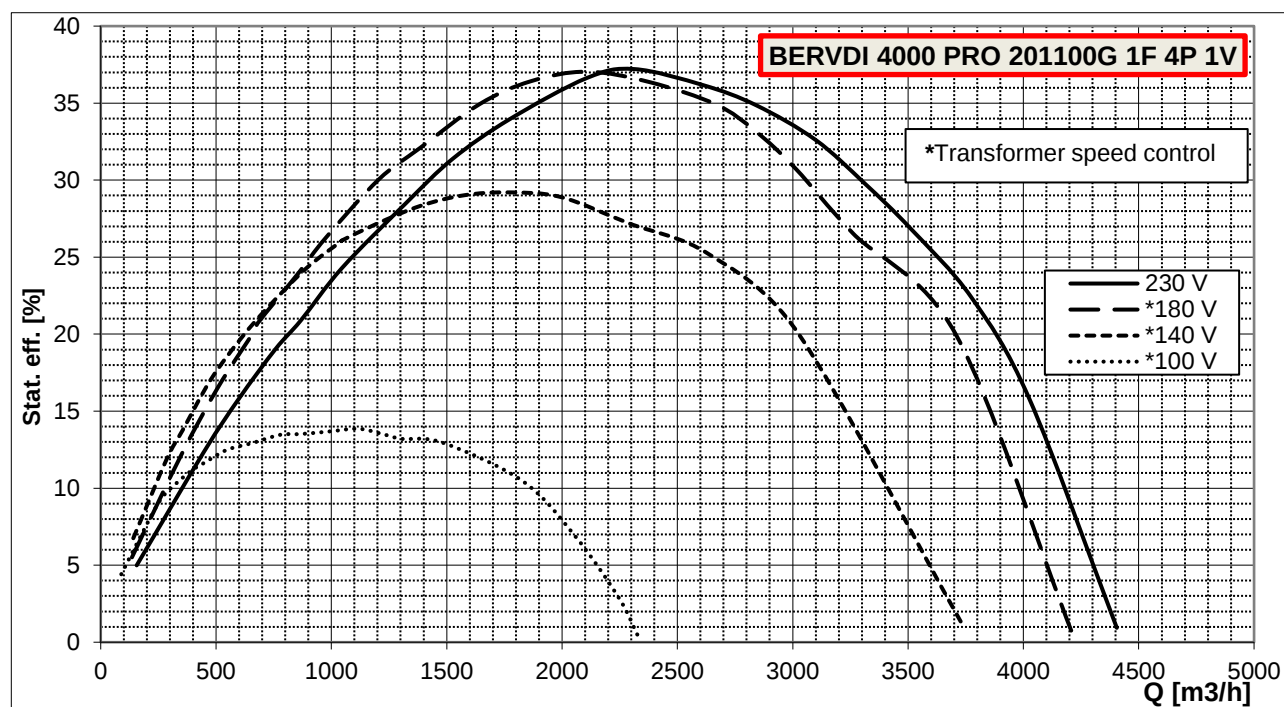
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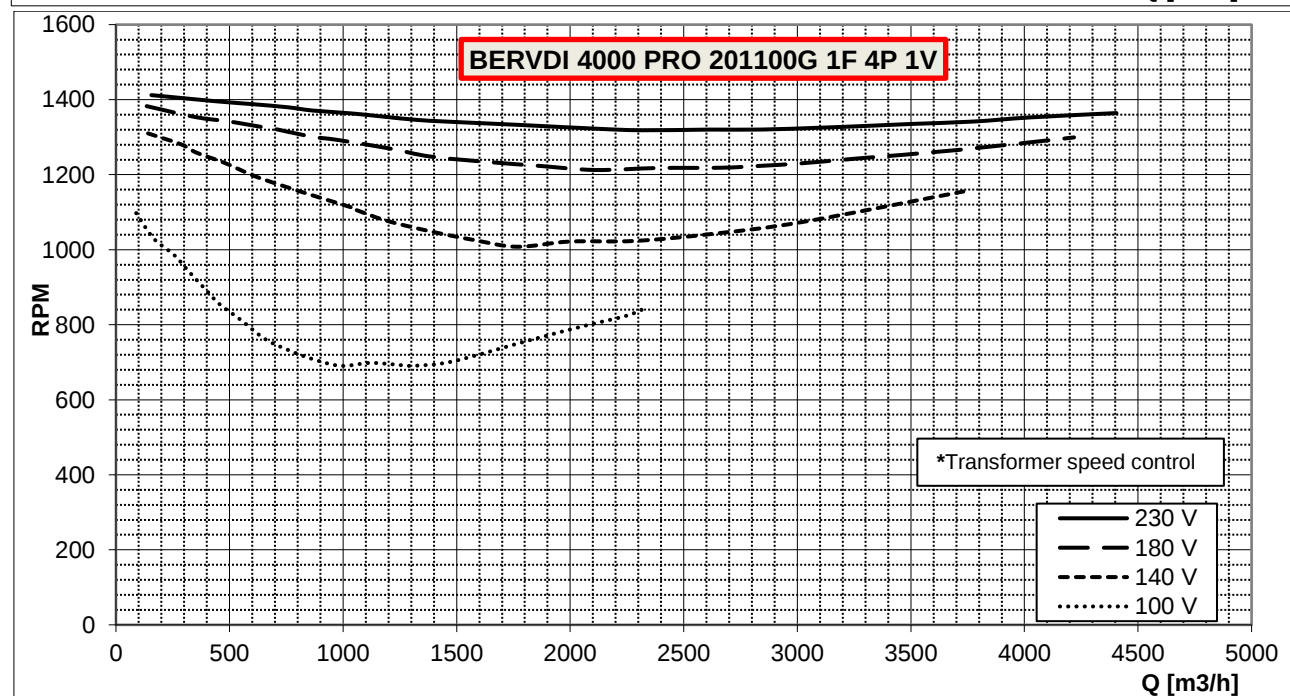
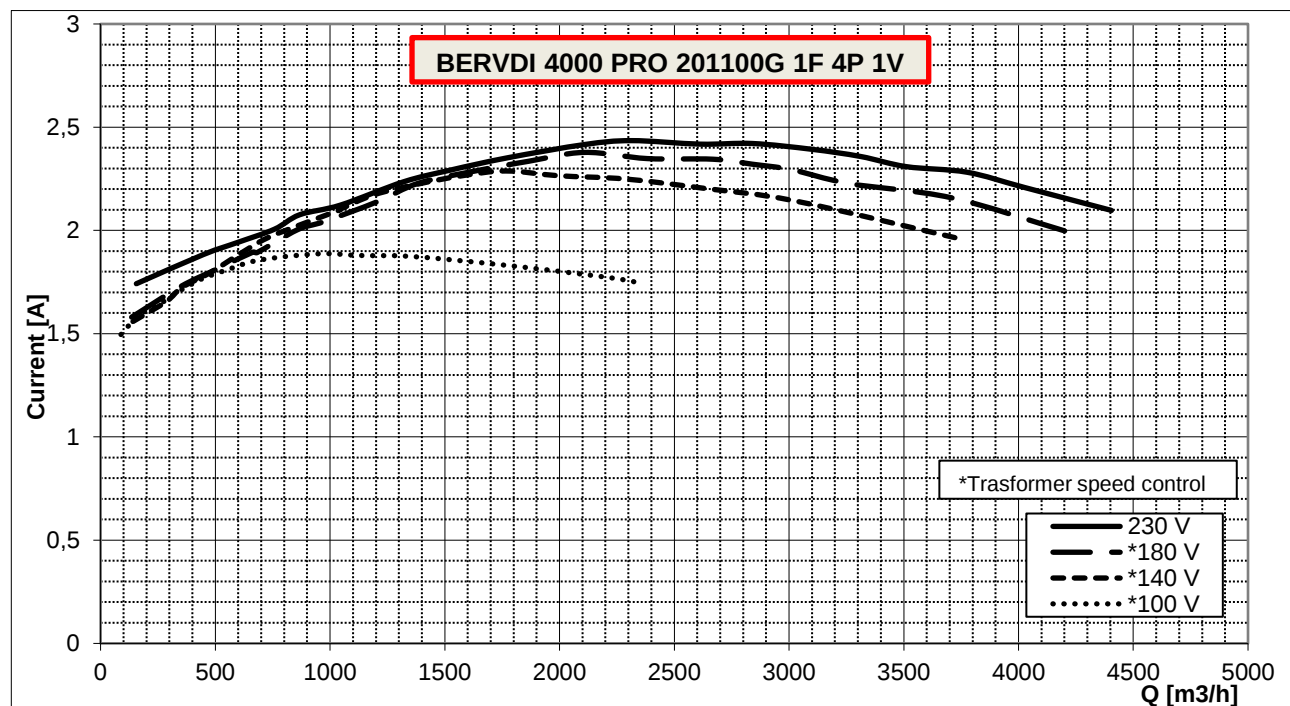
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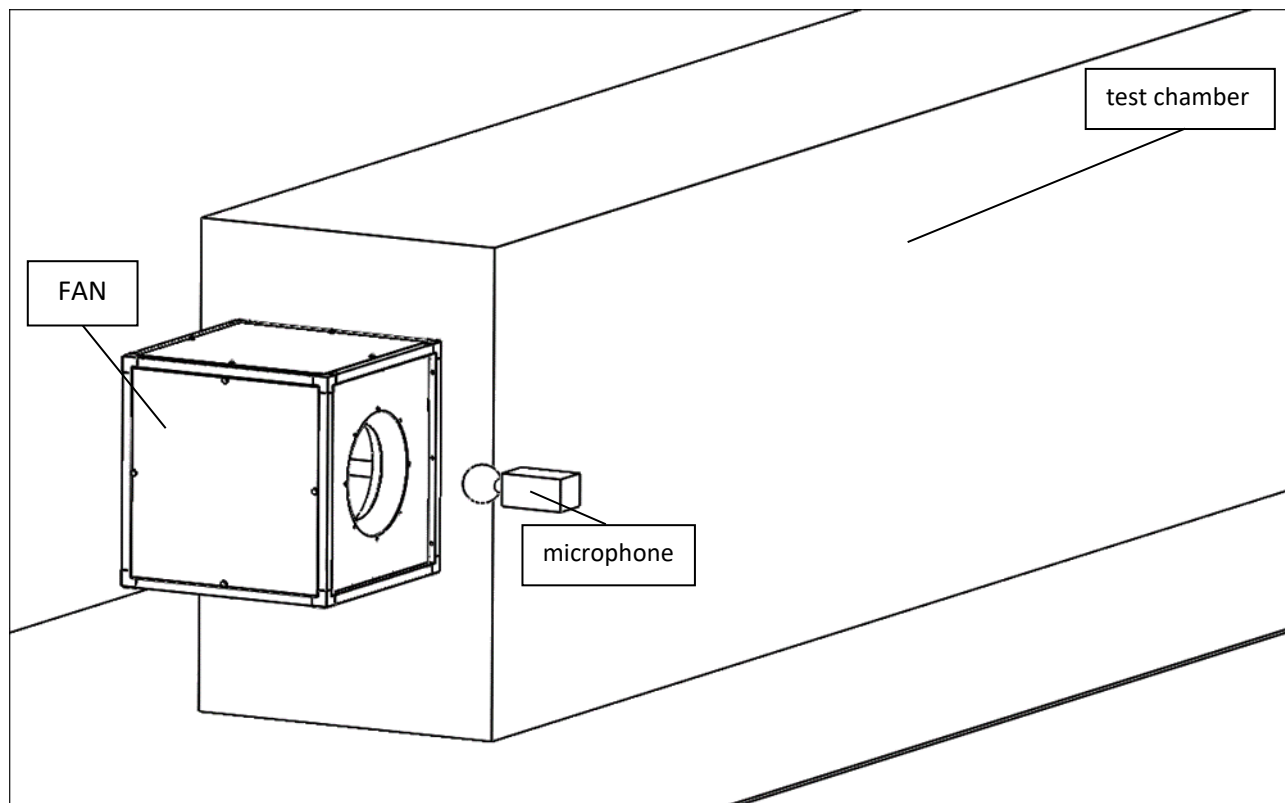
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Setup for unit noise test



Noise test setup is according to ISO 3746:2011 Standard.

A microphone, placed at 1 meter from the air inlet and 1 meter from the ground, gets the sound pressure levels in different unit operating conditions.

Test data are then mathematically revised in order to get the A-weighted free-field total sound pressure levels Lp(A) of the unit.

The Lp(A) value in dB(A) is available on CMC documentation.

Add 11 dB(A) to the sound pressure level Lp(A) value to get the correspondent sound power level Lw(A).