

VELOX VCS800-SUB-120-EN

8" 120W Ceiling Sub-Woofer, Metal



Description

The 120W powered subwoofer is equipped with a 200mm high-performance system featuring 4 power adjustments. VCS800-SUB-120-EN offers an amazing deep bass response which gives your voice alarm installation a rich sound quality.

Power tapings are easily set at the front of the speaker, a low impedance operation at 4ohm is also possible. The crossover frequency is set to 135 Hz. You can change the phase 180° by a switch at the front. To make things perfect the metal housing in RAL 9016 guarantees long-term durability.

Protection class IP 21C secures the speaker against the risks of environmental influences. The speaker chassis is impregnated against wetness. Easy installation via screw mounting system.

Perfectly suitable for installations where high sound quality is demanded.

- Power adjustment at the front
- 180° phase switch at the front
- Tremendous bass response
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VCS800-SUB-120-EN is designed & tested as per EN54-24 Standard however is not approved by 3rd party laboratory. The reason for this is, that the EN54-24 regulation does not implementsubwoofers for certification

Standard & Approvals

VELOX loudspeakers are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture.

The classification is conforming to standards through characterization with a fixed code. This code consists of the letters IP (International Protection) followed by two digits.

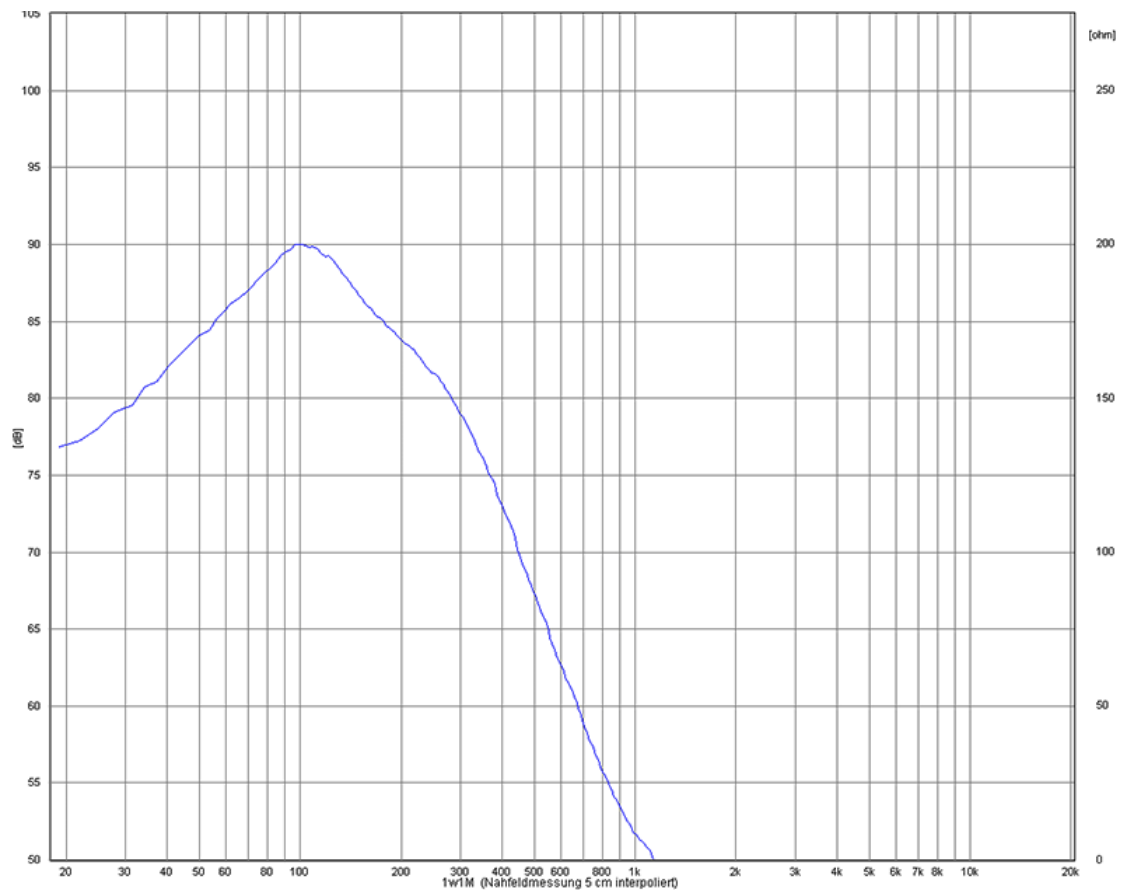
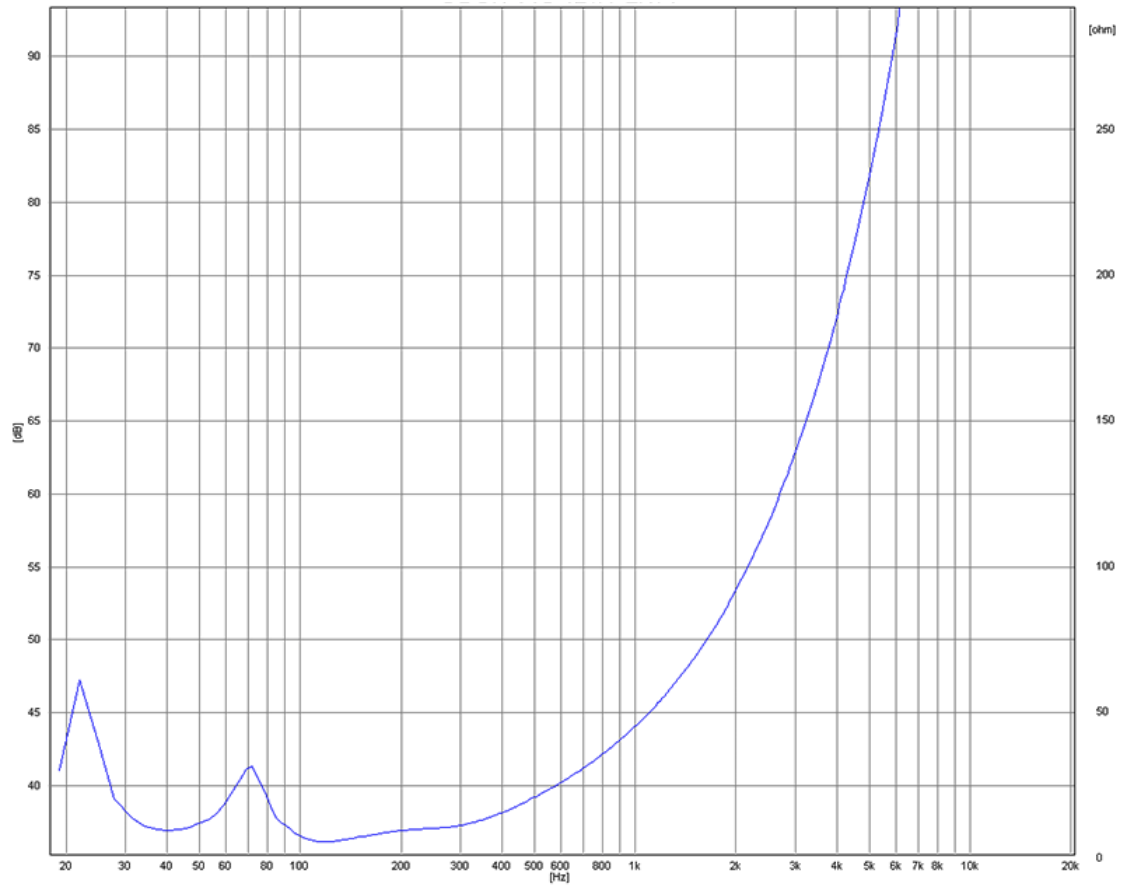
The first digit indicates the degree of protection against dust and the second digit the degree of protection against water. Please note that the testing of the products has been carried out in laboratory conditions which are not always 100% comparable with the conditions of different installation environments. This protection can be reduced due to normal wear and tear depending on the installation environment.

RoHS compliant (2011/65/EU)

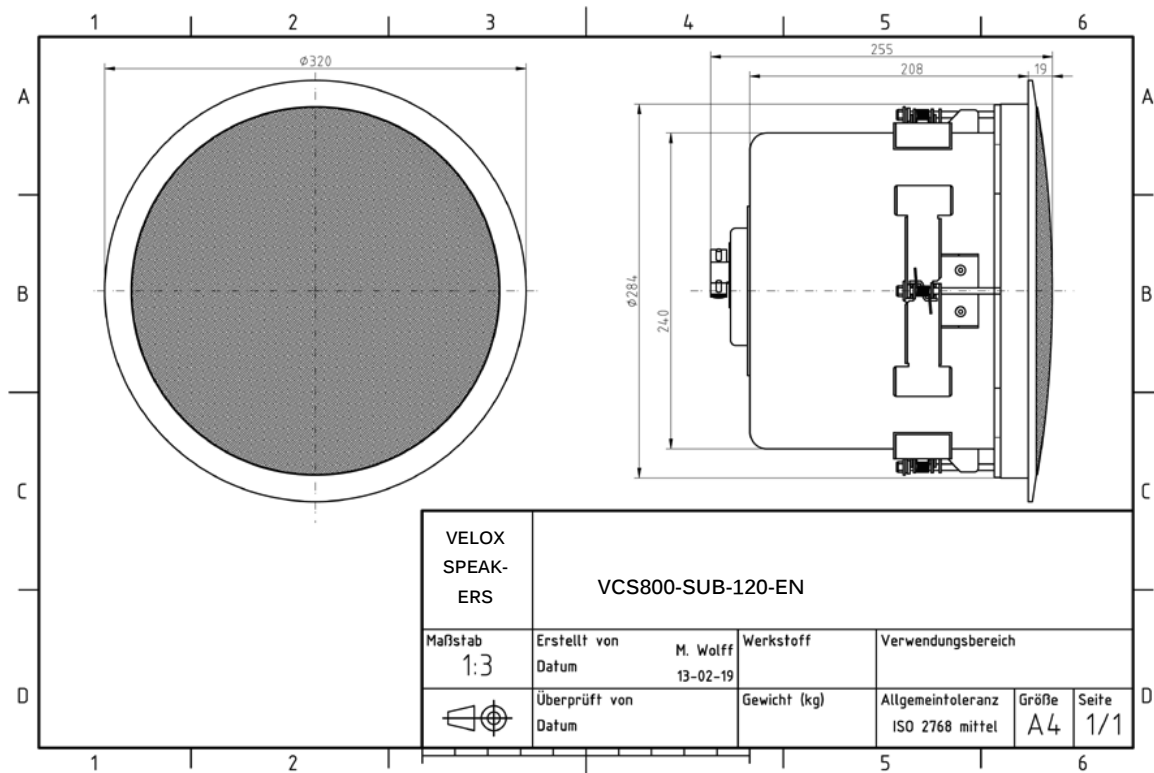
The IP rating specified is based on VELOX test results, not on CNBOP-PIB test results. Certification only verifies the minimum requirements for EN54-24 compliance.



Frequency Response Diagrams



Technical Diagrams



Technical Data (Electrical)

Feature	Description
Power	120/60/30/15/ (4) W
Impedance (100V)	83/167/333/667 ohm
Frequency Range	32 – 280 Hz (-10 dB)
Frequency Response	50 – 200 Hz (+3dB)
SPL 1W/1m, peak	90,0 dB
SPL , 1W/4m, peak	78,0 dB
SPL Pmax/4m, peak	95,8 dB
Sensitivity EN54-24, 1W/4m	75,0 dB
Sensitivity EN54-24, 1W/1m	87,0 dB

Technical Data (Mechanical)

Feature	Description
Dimensions	319 x 250 mm
IP Rating	IP21
Weight (net)	6,4 kg
Ceiling Cut-out	302 mm
Temperature range	-10 / +55 C°
Mounting	Quick-mount clamps
Connector	4-pin screw terminal
Maximum cable cross section	4,9mm ²
Max. cable cross section loop	2x4,9mm ²
Colour	RAL 9016

Order code

Part No.	Description
VCS800-SUB-120-EN	8" 120W Ceiling Sub-Woofer,RAL 9016, Metal