

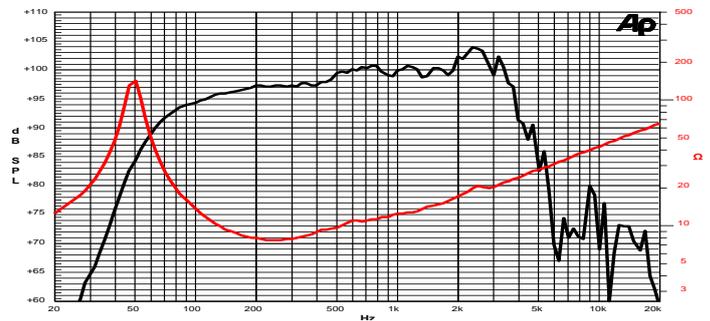
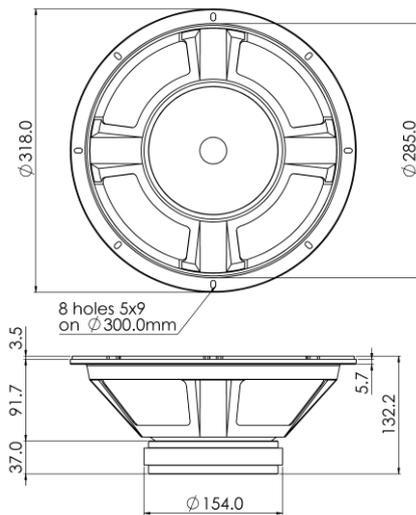
12 E 2,5 CS 8Ω

12" | 600 W

Code Z007950

Professional

- 2,5" voice coil Kapton former
- Ferrite Magnet Circuit
- VM Ventilated Magnet to reduce Power Compression
- 97.8 dB sensitivity
- Frequency Range 50-4000 Hz



Frequency Response on 45 Lt @ 55 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications

Nominal Diameter	318 mm (12")
Nominal Impedance	8 Ω
Rated Power AES ⁽¹⁾	300 W
Continuous Program Power ⁽²⁾	600 W
Sensitivity @ 1W/1m ⁽³⁾	97.8 dB
Voice Coil Diameter	65 mm (2,5")
Voice Coil Winding Depth	12 mm
Magnetic Gap Depth	8 mm
Flux Density	1.15 T
Magnet Weight	1450 g
Net Weight	4.8 kg

Thiele & Small Parameters⁽⁴⁾

Re	6.2 Ω	Fs	48.0 Hz
Qms	8.40	Qes	0.33
Qts	0.32	Mms	43.7 g
Cms	252 μm/N	Bxl	15.78 Tm
Vas	86.1 l	Sd	490.9 cm ²
X max ⁽⁵⁾	+/-4.5 mm	X var ⁽⁶⁾	+/-6.5 mm
η ₀	2.80 %	Le (1kHz)	0.96 mH

Constructive Characteristics

Magnet	Ferrite
Basket Material	Pressed Sheet Steel
Voice Coil Winding Material	Copper
Voice Coil Former Material	Kapton
Cone Material	Paper
Cone Treatment	No
Surround Material	Treated Cloth
Dust Dome Material	Solid Paper

Mounting Information

Overall Diameter	318 mm
Baffle Cutout Diameter	287 mm
Mounting Holes	8 holes 5x9 on ø300 mm
Total Depth	132.2 mm

(1) Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. (2) Power on Continuous Program is defined as 3dB greater than the Rated Power. (3) Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. (4) Thiele & Small parameters measured with laser system after preconditioning test. (5) Measured with respect to a THD of 10%. (6) Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value. (7) Drawing dimensions: mm.