5" 120W

Code Z002410

5 H 1 CS 8Ω

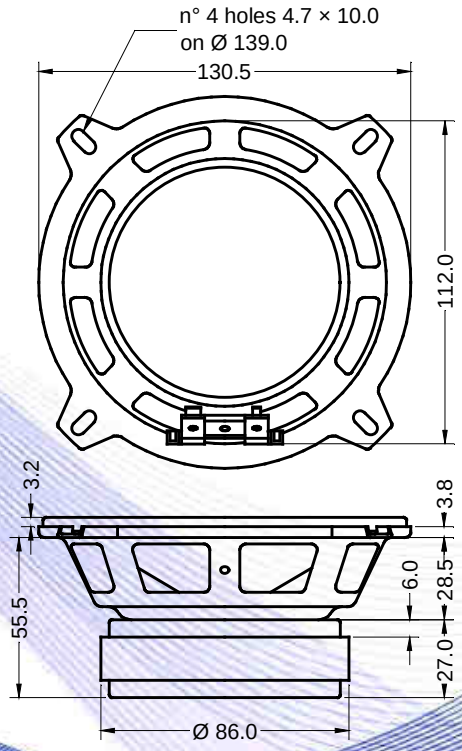
Professional Woofer

- 1” voice coil Epotex former
- Polypropylene cone
- Ventilated voice coil to reduce power compression
- Ferrite magnet circuit
- 89.3 dB sensitivity

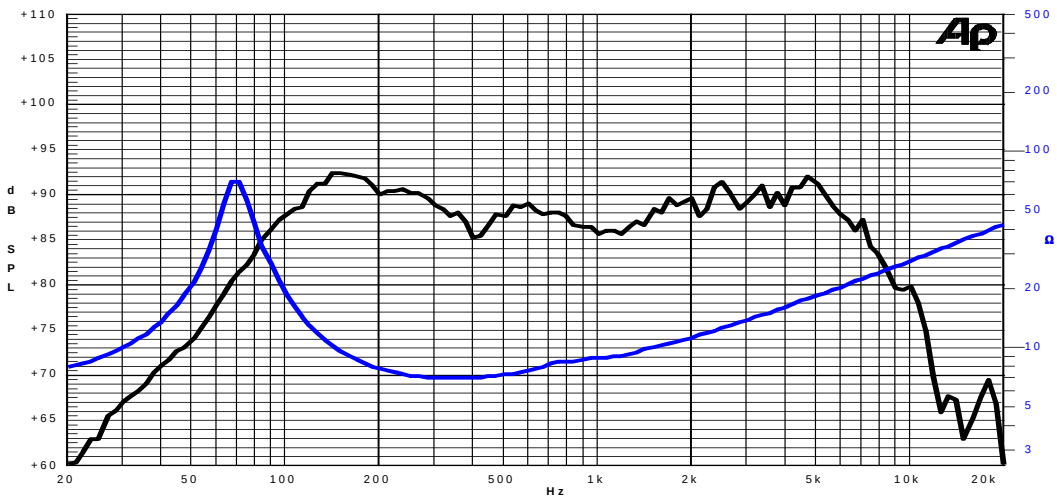
Specifications	
Nominal Diameter	129mm (5")
Nominal Impedance	8Ω
Rated Power AES (1)	60W
Continuous Program Power (2)	120W
Sensitivity @ 1W/1m (3)	89.3dB
Voice Coil Diameter	25mm (1")
Voice Coil Winding Depth	13mm
Magnetic Gap Depth	6mm
Flux Density	1.10T
Magnet Weight	380g
Net Weight	1.0kg

Thiele & Small Parameters (4)			
Re	6.12Ω	Fs	68.0Hz
Qms	6.84	Qes	0.45
Qts	0.42	Mms	7.9g
Cms	693µm/N	Bxl	6.78Tm
Vas	6.1l	Sd	78.5cm^2
X max(5)	+/-3.5mm	X var (6)	+/-5.1mm
η_0	0.41%	Le (1kHz)	0.64mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Epotex
Cone Material	: PolyPropylene
Cone Treatment	: No
Surround Material	: Rubber
Dust Dome Material	: Treated Cloth



Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m – Free Air Impedance



Note:
1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure
2: Power on Continuous Program is defined as 3 dB greater than the Rated Power
3: Calculated by Thiele & Small parameters
4: Thiele & Small parameters measured with laser system without preconditioning test
5: Measured with respect to a THD of 10% using a parameter-based method
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
8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle

Due to continuing product improvement, the features and the design are subject to change without notice. 13/11/13

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