

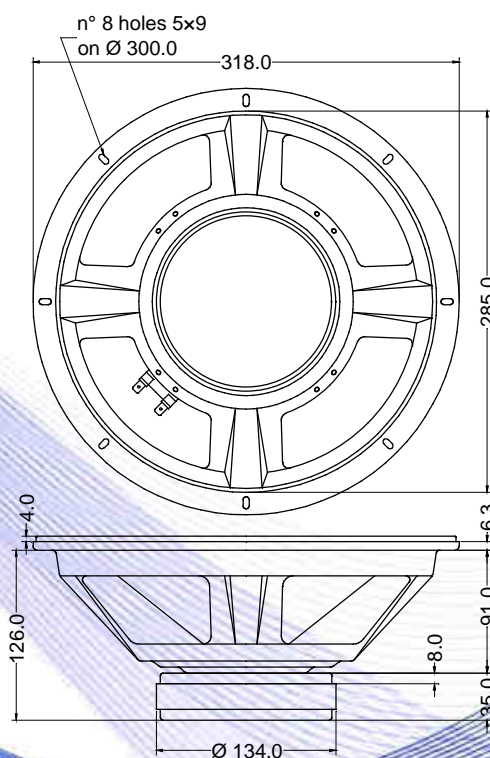
- 1.5" voice coil Kapton former
- Dual cone
- Ferrite magnet circuit with copper ring
- 96.0 dB sensitivity



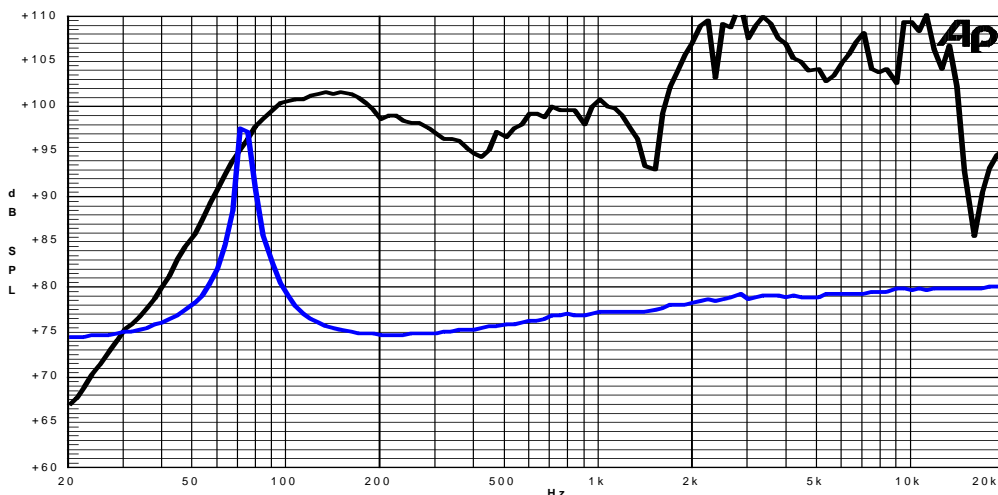
Specifications	
Nominal Diameter	318mm (12")
Nominal Impedance	16Ω
Rated Power AES ⁽¹⁾	100W
Continuous Program Power ⁽²⁾	200W
Sensitivity @ 1W/1m ⁽³⁾	96.0dB
Voice Coil Diameter	38mm (1,5")
Voice Coil Winding Depth	9mm
Magnetic Gap Depth	8mm
Flux Density	1.10T
Magnet Weight	1100g
Net Weight	3.7kg

Thiele & Small Parameters ⁽⁴⁾			
Re	10.00Ω	Fs	72.5Hz
Qms	18.28	Qes	1.16
Qts	1.09	Mms	35.0g
Cms	137 μm/N	Bxl	11.77 Tm
Vas	46.6l	Sd	490.9cm ²
X max ⁽⁵⁾	+/-2.6mm	X var ⁽⁶⁾	+/-4.2mm
η ₀	1.54%	Le (1kHz)	0.44mH

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	: Paper - Integrated
Dust Dome Material	: Non 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