

## KEY FEATURES

- 700 Watt Max Power (LF)
- 220 Watt Max Power (HF)
- 75 mm (3 in) voice coil, aluminium wire (LF)
- 72 mm (2,83 in) voice coil, aluminium wire (HF)
- Interleaved sandwich voice coil (LF)
- Titanium diaphragm (HF)
- Neodymium magnet assembly
- Copper short, cap for extended frequency response (HF)



GENERAL	LF	HF	
Nominal Diameter	10" - 250 mm	1,40" - 35,60 mm	
Nominal Impedance	8 Ohm	8 Ohm	
Nominal Rdc	5,6 Ohm	5,7 Ohm	±0,4 Ohm
Power handling (AES) (*)	350 Watt	110 Watt	
Max Power	700 Watt	220 Watt	
Voice Coil Diameter	75 mm	72 mm	3/2,83 in
S.P.L. (1w, 1m)	97 dB	109 dB	±0,5 dB
Nominal Fs	80 Hz	450 Hz	±8/50 Hz
Flux Density	1,25 T	2 T	±0,08 T
Frequency Range	65-3000 Hz	1200-20000 Hz	
Sinusoidal Test Voltage	15 V	3 V	

## (\*) Life Test

Box Volume	60 liters
Input Signal	Pink noise
Band Pass Filter	50-2000 Hz, 12dB/oct
V on Speaker	53 V
Test duration	2 hours

## MECHANICAL DATA

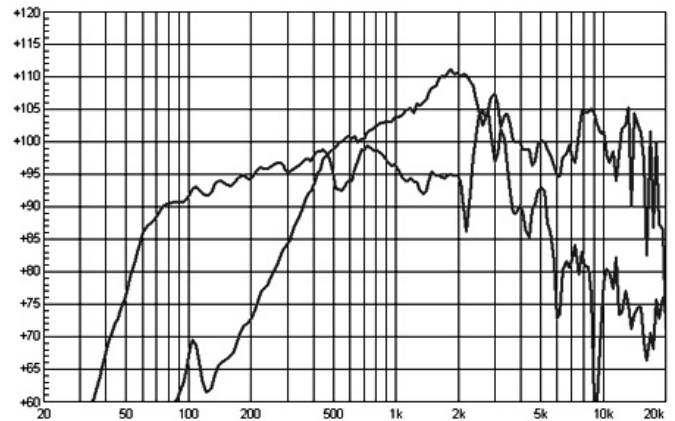
Weight	4,2 kg
Overall Diameter	266 mm
Overall Depth	153 mm
Baffle Cut Diameter	235 mm
Mounting holes number	8
Mounting holes diameter	5 mm
Mounting bolt diameter	253 mm

## MATERIALS

Frame Material	Aluminium
Voice Coil Former	Kapton (LF-HF)
Voice Coil Wire	Aluminium (LF-HF)
Cone Material	Doped Paper (LF), Titanium (HF)
Cone Shape	Exponential (LF), Dome (HF)
Surround Material	Doped Nomex® fabric (LF), Titanium (HF)
Surround Shape	Three waves (LF), Flat (HF)
Suspension Material	Doped Nomex® fabric (LF)
Magnet Type	Neodymium
Magnet Weight	950 g

## DIAGRAM

Frequency Response	Reflex Box (40 dmc) - 2,83 V - 1m
Impedance	(Iac=10m A)



## THIELE-SMALL PARAMETERS

Qms	10,25
Qes	0,32
Qts	0,31
Fs	79,50 Hz
Re	5,59 Ohm
Mms	31,08 g
Cms	0,13 mm/M
Bl	16,37 T*m
Sd	355.00 cm²
Vas	14,79 liter
u0	2,20 %
XMax	6 mm
Le	0,66 mH
Rms	2,30 Kg/s
Efficiency Bandwidth	199,55

Air gap height=mm 10  
Winding height=mm 17