

KEY FEATURES

150 Watt Max Power

32 mm (1,3 in) voice coil, copper wire

Ferrite magnet assembly

**GENERAL**

Nominal Diameter	6" - 160 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	6,4 Ohm	±0,4 Ohm
Power handling (AES) (*)	75 Watt	
Max Power	150 Watt	
Voice Coil Diameter	32 mm	1,30 in
S.P.L. (1w, 1m)	94 dB	±1,5 dB
Nominal Fs	85 Hz	±9 Hz
Flux Density	1.2 T	±0,08 T
Frequency Range	90-80000 Hz	

(*) Life Test

Box Volume	14 liters
Input Signal	Pink noise
Band Pass Filter	50-500 Hz 12dB/oct
V on Speaker	25 V
Test duration	2 hours

MECHANICAL DATA

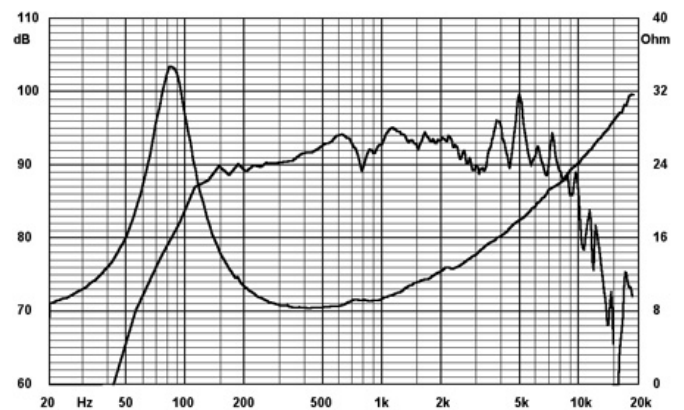
Weight	1,625 kg
Overall Diameter	170 mm
Overall Depth	80 mm
Baffle Cut Diameter	142 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	158 mm

MATERIALS

Frame Material	Steel
Voice Coil Former	Aluminium
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex® fabric
Surround Shape	two rolls
Suspension Material	Doped Nomex® fabric
Magnet Type	Ferrite
Magnet Weight	545 g

DIAGRAM

Frequency Response	Reflex Box 7,5 dmc - 2,83 V - 1m
Impedance	(Iac=10m A)

**THIELE-SMALL PARAMETERS**

Qms	1,85
Qes	0,43
Qts	0,35
Fs	83,55 Hz
Re	6,4 Ohm
Mms	9,16 g
Cms	0,00039628 m/N
Bl	8,5 Wb/m
Sd	0,013273 m²
Vas	0,00981 m³
u0	1,29 %
XMax	3 mm
Le	0,55 mH

Air gap height = mm 6
Winding height = mm 12