

KEY FEATURES

- 100 Watt Max Power
- 1 in - 25 mm voice coil, copper wire
- Rubber surround
- Neodymium magnet assembly
- PA systems application
- 16 Ohm available



GENERAL SPECIFICATIONS

Nominal Diameter	6 in - 160 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6.5 Ohm
Power handling (AES) (*)	50 Watt
Max Power	100 Watt
Minimum Impedance	7.08 Ohm
Frequency Range	80 ÷ 20000 Hz
Voice Coil Diameter	1 in - 25 mm
S.P.L. (1w, 1m)	91.5 dB
Nominal Fs	85 Hz
Flux Density	1.27 T
Sinusoidal Test Voltage	11 V

(*) Life Test

Box Volume	14 liters
Input Signal	Pink noise
Band Pass Filter	80 - 20000 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	4.82
Qes	0.69
Qts	0.60
Fs	82.80 Hz
Re	6.30 Ohm
Mms	10.28 g
Cms	0.36 mm/N
Bl	7.01 t*m
Sd	132.73
Vas	8.88 liters
u0	0.71 %
XMax	1.9 mm
Le	0.03 mH
Rms	1.11 Kg/s
Efficiency Bandwidth	120.76

Air gap height = mm 5
Winding height = mm 6.8

MECHANICAL & SHIPPING INFORMATIONS

Net weight	0.82 Kg
Overall Diameter	165 mm
Overall Depth	69 mm
Baffle Cut Diameter	145 mm
Mounting holes number	4
Mounting holes diameter	4.7 x 6.3 mm
Mounting bolt diameter	155 mm

MATERIALS

Frame Material	Stell
Voice Coil Former Material	Aluminium
Voice Coil Wire	Copper
Cone Material	Paper
Cone Shape	Exponential
Surround Material	Rubber
Surround Shape	Half roll
Suspension Material	Doped Nomex fabric
Magnet Type	Neodymium
Magnet Weight	148 g

DIAGRAM

Frequency Response	IEC baffle
Impedance	(Iac=10m A)

