

## KEY FEATURES

- 1000 Watt Max Power
- 100 mm (4 in) voice coil, aluminium wire
- Double spider for improved control and linearity
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use



## GENERAL

Nominal Diameter	12" - 320 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6 Ohm ±0,4 Ohm
Power handling (AES) (*)	500 Watt
Max Power	1000 Watt
Voice Coil Diameter	100 mm 4,00 in
S.P.L. (1w, 1m)	98 dB ±1,5 dB
Nominal Fs	54 Hz ±6 Hz
Flux Density	1,4 T ±0,08 T
Frequency Range	20-2000 Hz
Sinusoidal Test Voltage	18 V

### (\*) Life Test

Box Volume	60 liters
Input Signal	Pink noise
Band Pass Filter	20-2000Hz, 12dB/oct
V on Speaker	63 V
Test duration	2 hours

## MECHANICAL DATA

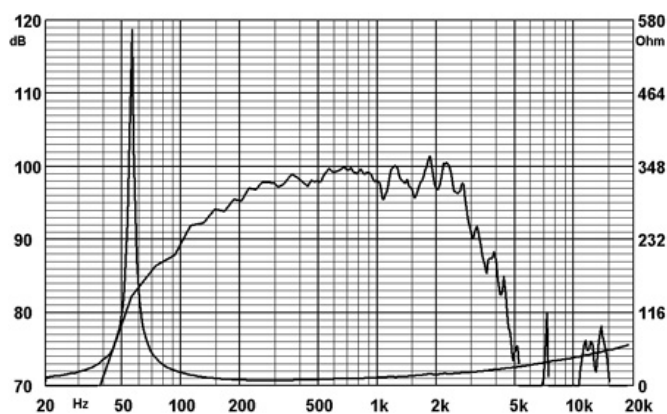
Weight	5,7 kg
Overall Diameter	314 mm
Overall Depth	148 mm
Baffle Cut Diameter	282 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	296 mm

## MATERIALS

Frame Material	Aluminium
Voice Coil Former	Fiberglass
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex® fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	620 g

## DIAGRAM

Frequency Response	Reflex Box 25 dmc - 2,83 V - 1 m
Impedance	(Iac=10m A)



## THIELE-SMALL PARAMETERS

Qms	18,75
Qes	0,24
Qts	0,24
Fs	54,00 Hz
Re	6,12 Ohm
Mms	74,00 g
Cms	0,12 mm/N
Bl	25,16 T*m
Sd	530,00 cm²
Vas	46,26 liter
u0	2,89 %
XMax	8,00 mm
Le	0,73 mH
Rms	1,34 Kg/s
Efficiency Bandwidth	222,47

Air gap height = mm 10  
Winding height = mm 21