

KEY FEATURES

- 800 Watt Max Power
- 75 mm (3 in) voice coil, copper wire
- Neodymium magnet assembly
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation



GENERAL

Nominal Diameter	15" - 380 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6 Ohm ±0,4 Ohm
Power handling (AES) (*)	400 Watt
Max Power	800 Watt
Voice Coil Diameter	75 mm 3 in
S.P.L. (1w, 1m)	98 dB ±1,5 dB
Nominal Fs	45 Hz ±5 Hz
Flux Density	1,3 T ±0,08 T
Frequency Range	20-3000 Hz
Sinusoidal Test Voltage	15 V
(*) Life Test	
Box Volume	90 liters
Input Signal	Pink noise
Band Pass Filter	20-2000Hz, 12dB/oct
V on Speaker	56,5 V
Test duration	2 hours

MECHANICAL DATA

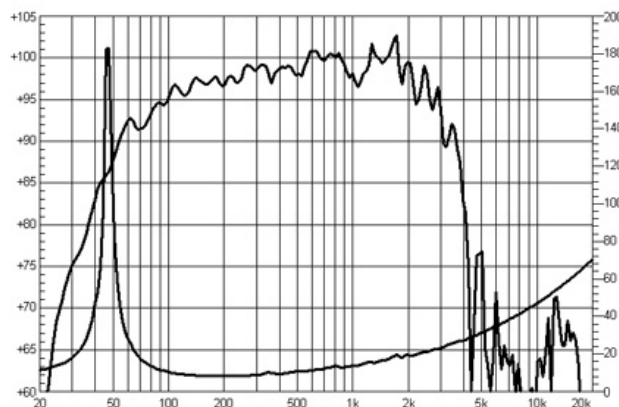
Weight	5,3 kg
Overall Diameter	388 mm
Overall Depth	178 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	370 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Fiberglass
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	Neodymium
Magnet Weight	310 g

DIAGRAM

Frequency Response Reflex Box (90 dmc) - 2,83 V - 1 m
 Impedance (Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	24,59
Qes	0,41
Qts	0,41
Fs	45,60 Hz
Re	5,84 Ohm
Mms	97,62 g
Cms	0,12 mm/N
Bl	19,90 T*m
Sd	830,00 cm²
Vas	120,61 liter
u0	2,67 %
XMax	7 mm
Le	0,78 mH
Rms	1,14 Kg/s
Efficiency Bandwidth	110,56

Air gap height = mm 10
 Winding height = mm 19