

KEY FEATURES

- 800 Watt Max Power
- 75 mm (3 in) voice coil, aluminium wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use



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	3,00 in
S.P.L. (1w, 1m)	100,0 dB	±1,5 dB
Nominal Fs	48 Hz	±5 Hz
Flux Density	1,55 T	±0,08 T
Frequency Range	20-3000 Hz	
Sinusoidal Test Voltage	18 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

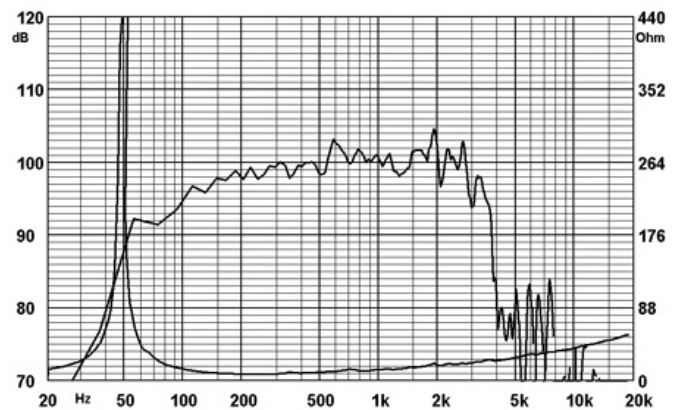
Weight	5,4 kg
Overall Diameter	388 mm
Overall Depth	175 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	370 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Kapton
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	460 g

DIAGRAM

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



THIELE-SMALL PARAMETERS

Qms	23,77
Qes	0,30
Qts	0,30
Fs	49,80 Hz
Re	6,12 Ohm
Mms	89,00 g
Cms	0,11 mm/N
Bl	23,76 T*m
Sd	830,00 cm²
Vas	110,91 liter
u0	4,37 %
XMax	6,5 mm
Le	0,63 mH
Rms	1,17 Kg/s
Efficiency Bandwidth	164,96

Air gap height = mm 10
Winding height = mm 18