

KEY FEATURES

- 1000 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	8,00 Ohm	
Nominal Rdc	5,80 Ohm	±0,4 Ohm
Power handling (AES) (*)	500 Watt	
Max Power	1000 Watt	
Voice Coil Diameter	75 mm	3,00 in
S.P.L. (1w, 1m)	98 dB	±1,5 dB
Nominal Fs	41 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	63 V
Test duration	2 hours

MECHANICAL DATA

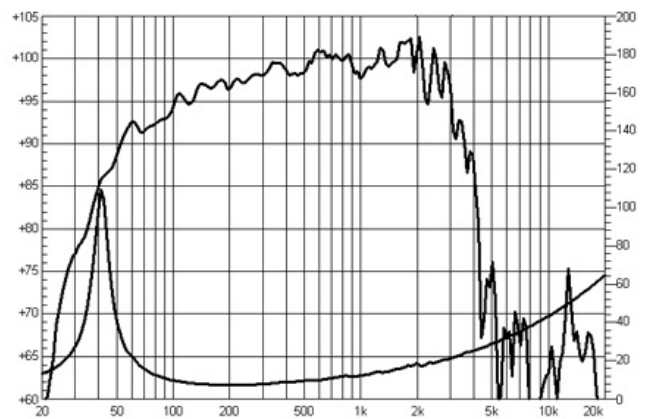
Weight	5,3 kg
Overall Diameter	388 mm
Overall Depth	178 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	370 mm

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	Three waves
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	310 g

DIAGRAM

Frequency Response	Box 90 dmc - 2,83W - 1m
Impedance	(Iac=10mA)



THIELE-SMALL PARAMETERS

Qms	8,98
Qes	0,36
Qts	0,35
Fs	40,80 Hz
Re	5,90 Ohm
Mms	95,92 g
Cms	0,16 mm/N
Bl	20,01 T*m
Sd	855,00 cm²
Vas	162,70 liter
u0	2,94 %
XMax	6,75 mm
Le	0,77 mH
Rms	2,74 Kg/s
Efficiency Bandwidth	112,61

Air gap height = mm 10
Winding height = mm 18,5