

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
- Ventilated voice coil and magnet circuit
- for improved heat dissipation



GENERAL

Nominal Diameter	10" - 250 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	5,4 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)	96 dB	±1,5 dB
Nominal Fs	65 Hz	±7 Hz
Flux Density	1,55 T	±0,08 T
Frequency Range	60-5000 Hz	
Sinusoidal Test Voltage	15 V	

(*) Life Test

Box Volume	40 liters
Input Signal	Pink noise
Band Pass Filter	20-2000Hz, 12dB/oct
V on Speaker	56,5 V
Test duration	2 hours

MECHANICAL DATA

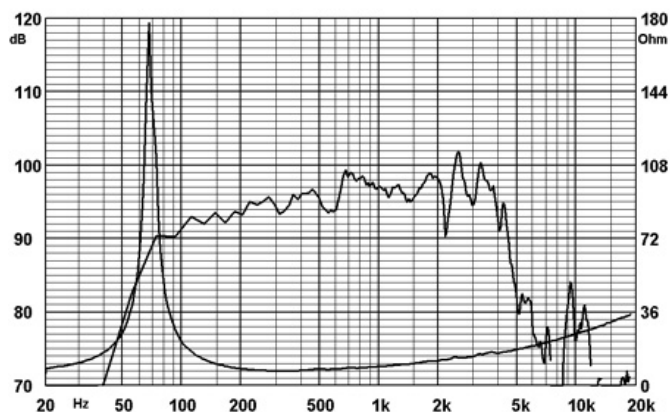
Weight	4,6 kg
Overall Diameter	260 mm
Overall Depth	130 mm
Baffle Cut Diameter	230 mm
Mounting holes number	8
Mounting holes diameter	6,5 mm
Mounting bolt diameter	245 mm

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 40dmc - 2,83 V - 1 m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	10,60
Qes	0,38
Qts	0,36
Fs	65,10 Hz
Re	5,52 Ohm
Mms	45,00 g
Cms	0,13 mm/N
Bl	16,41 T*m
Sd	346,00 cm²
Vas	22,31 liter
u0	1,57 %
XMax	8,5 mm
Le	0,4 mH
Rms	1,74 Kg/s
Efficiency Bandwidth	172,54

Air gap height = mm 10
Winding height = mm 22