

KEY FEATURES

- 800 Watt Max power
- 75 mm (3 in) voice coil, aluminium wire
- Demodulating ring for lower distortion
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation
- Neodymium magnet assembly



GENERAL SPECIFICATIONS

Nominal Diameter	10 in - 250 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5.4 Ohm
Power handling (AES) (*)	400 Watt
Max Power	800 Watt
Minimum Impedance	7.69 Ohm
Frequency Range	60 ÷ 5000 Hz
Voice Coil Diameter	3 in - 75 mm
S.P.L. (1w, 1m)	96 dB
Nominal Fs	65 Hz
Flux Density	1.25 T
Sinusoidal Test Voltage	15 V

(*) Life Test	
Box Volume	40 liters
Input Signal	Pink noise
Band Pass Filter	20 - 2000 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	9.73
Qes	0.29
Qts	0.28
Fs	52.40 Hz
Re	6.03 Ohm
Mms	36.17 g
Cms	0.26 mm/N
Bl	15.79 T*m
Sd	346.00 cm ²
Vas	42.84 liter
u0	2.06 %
XMax	6 mm
Le	0.68 mH
Rms	1.22 mH
Efficiency Bandwidth	181.94

Air gap height = mm 10
Winding height = mm 18

MECHANICAL & SHIPPING INFORMATIONS

Net weight	4.5 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 Material	Kapton
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex fabric
Magnet Type	Neodymium
Magnet Weight	280 g

DIAGRAM

Frequency Response	Reflex Box (40 liters) - 2.83 V - 1 m
Impedance	(Iac=10m A)

