

KEY FEATURES

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



MECHANICAL & SHIPPING INFORMATIONS

Net weight	7.15 Kg
Overall Diameter	315 mm
Overall Depth	146 mm
Baffle Cut Diameter	282 mm
Mounting holes number	8
Mounting holes diameter	7
Mounting bolt diameter	295 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Kapton
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	Ferrite
Magnet Weight	1770 g

GENERAL SPECIFICATIONS

Nominal Diameter	12 in - 320 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5.6 Ohm
Power handling (AES) (*)	400 Watt
Max Power	800 Watt
Minimum Impedance	7.26 Ohm
Frequency Range	30 ÷ 2000 Hz
Voice Coil Diameter	75 mm (3 in)
S.P.L. (1w, 1m)	96 dB
Nominal Fs	42 Hz
Flux Density	1.04 T
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	60 liters
Input Signal	Pink noise
Band Pass Filter	30 - 2000 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	7.53
Qes	0.35
Qts	0.34
Fs	42.80 Hz
Re	5.83 Ohm
Mms	69.54 g
Cms	0.20 mm/N
Bl	17.60 T*m
Sd	551.00 cm ²
Vas	84.70 liter
u0	1.82 %
XMax	6.75 mm
Le	0.79 mH
Rms	2.48 Kg/s
Efficiency Bandwidth	121.61

Air gap height= mm 10
Winding height=mm 18.5

DIAGRAM

Frequency Response	Reflex Box (60 liters) - 2.83 V - 1 m
Impedance	(Iac=10m A)

