

**KEY FEATURES**

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



**MECHANICAL & SHIPPING INFORMATIONS**

Net weight	6.6 Kg
Overall Diameter	206 mm
Overall Depth	121 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	Ferrite
Magnet Weight	1770 g

**GENERAL SPECIFICATIONS**

Nominal Diameter	10 in - 250 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6 Ohm
Power handling (AES) (*)	400 Watt
Max Power	800 Watt
Minimum Impedance	7.45 Ohm
Frequency Range	50 ÷ 3000 Hz
Voice Coil Diameter	3 in - 75 mm
S.P.L. (1w, 1m)	96 dB
Nominal Fs	51 Hz
Flux Density	1.2 T
Sinusoidal Test Voltage	15 V

(\*) Life Test

Box Volume	40 litres
Input Signal	Pink noise
Band Pass Filter	50 - 3000 Hz, 12 dB/oct
Test duration	2 hours

**THIELE-SMALL PARAMETERS**

Qms	12.23
Qes	0.30
Qts	0.29
Fs	51.40 Hz
Re	5.95 Ohm
Mms	43.50 g
Cms	0.22 mm/n
Bl	16.81 T*m
Sd	346.00 cm <sup>2</sup>
Vas	37.02 liter
u0	1.64 %
XMax	6.5 mm
Le	0.74
Rms	1.15 Kg/s
Efficiency Bandwidth	173.76

Air gap height =mm 10  
Winding height=mm 18

**DIAGRAM**

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

