

**KEY FEATURES**

- 400 Watt Max Power
- 50mm (2 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



**MECHANICAL & SHIPPING INFORMATIONS**

Net weight	1.41 kg
Overall Diameter	208 mm
Overall Depth	97 mm
Baffle Cut Diameter	184 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	194 mm

**MATERIALS**

Frame Material	Aluminium
Voice Coil Former Material	Kapton
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Straight
Surround Material	Doped Nomex ® fabric
Surround Shape	Two waves
Suspension Material	Doped Nomex ® fabric
Magnet Type	Neodymium
Magnet Weight	200 g

**GENERAL SPECIFICATIONS**

Nominal Diameter	8 in - 200 mm
Nominal Impedance	8.00 Ohm
Nominal Rdc	6 Ohm
Power handling (AES) (*)	200 Watt
Max Power	400 Watt
Minimum Impedance	7.19 Ohm
Frequency Range	70 ÷ 3000 Hz
Voice Coil Diameter	2 in - 50 mm
S.P.L. (1w, 1m)	96.5 dB
Nominal Fs	75 Hz
Flux Density	1.4 T
Sinusoidal Test Voltage	15 V

(\*) Life Test

Box Volume	24 liters
Input Signal	Pink noise
Band Pass Filter	50 - 2000Hz, 12dB/oc
Test duration	2 hours

**THIELE-SMALL PARAMETERS**

Qms	4.83
Qes	0.36
Qts	0.34
Fs	75.70 Hz
Re	6.07 Ohm
Mms	18.20 g
Cms	0.24 mm/N
Bl	12.08 T*m
Sd	227.00 cm <sup>2</sup>
Vas	17.56 liter
u0	2.04 %
XMax	6.25 mm
Le	0.46 mH
Rms	1.79 Kg/s
Efficiency Bandwidth	210.24

Air gap height = mm 8  
Winding height = mm 16.5

**DIAGRAM**

Frequency Response	Box 25 dmc - 2.83 V - 1 m
Impedance	(Iac=10m A)

