

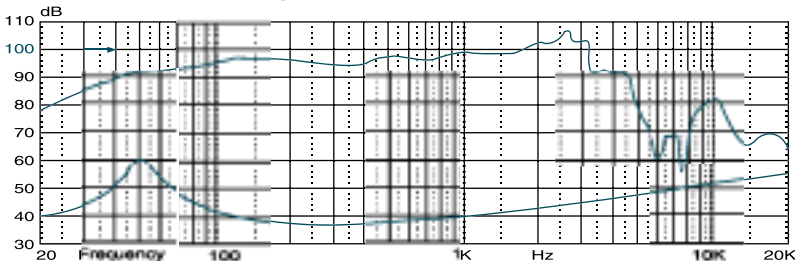


C12-500MB

Nominal OD.	: 12" (305mm)
Nominal Impedance	: 8 Ohms
Power Rating	: 500 W(rms)
Average Sensitivity 1W @ 1 m	: 96.1 dB
Operating Bandwidth	: 60 Hz - 2.5 KHz
Magnet Size	: 220 mm (8.67 in)
Magnet Weight	: 3.17 Kgs, 111.73 oz
Magnet Gap Dept	: 0.31", 8 mm
Voice Coil Diameter	: 4", 99.3 mm
Transducer Mass	: 9.07 Kg
Net Weight	: 9.4Kg 20.68Lb
Gross Weight	: 10.49Kg 23.07 Lb
Packing Dimension WxLxH(mm)	: 365 X 365 X 380
	14.4in X 14.4in X 7in
	0.84 Cu.Ft

THIELE-SMALL PARAMETERS

Resonance Frequency	(fs)	: 55.4 Hz
DC Resistance	(Re)	: 6.0 Ω
Coil Inductance	(Le)	: 0.80 mH
Mechanical Q	(Qms)	: 5.37
Electromagnetic Q	(Qes)	: 0.33
Total Q	(Qts)	: 0.31
Compliance Equivalent Volume	(Vas)	: 52 Liters
Mechanical Compliance of suspension	(Cms)	: 122.06 uM/N
BL Product	(BL)	: 20.81 Tm
Diaphragm mass inc. Airload	(Mms)	: 67.49 gm
Surface Area of Cone	(Sd)	: 0.0550 Sqm
Efficiency Bandwidth Product	(EBP)	: 167.87
Voice Coil Over Hang	(X-max)	: 4.75 mm



APPLICATION

* Performance optimized for Mid Low frequency in fixed or touring sound systems.

MATERIALS OF CONSTRUCTION

- * Fiber glass (polymide) High Temp. 400°C voice coil former
- * High Temp. 300°C CCAW Rectangular wire
- * Ferrite magnet
- * Die cast aluminum basket
- * Paper cone
- * Solid composition paper dust cap
- * Tear resistant cotton rolled cloth edge
- * Cotton polyester blend spider

MOUNTING INFORMATION

