

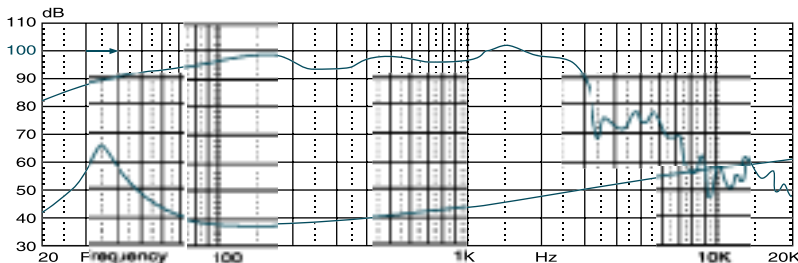


C15-300MB

Nominal OD.	: 15" (380mm)
Nominal Impedance	: 8 Ohms
Power Rating	: 300 W(rms)
Average Sensitivity 1W @ 1 m	: 98 dB
Operating Bandwidth	: 35 Hz - 3.2 KHz
Magnet Size	: 169 mm (6.6 in)
Magnet Weight	: 2.08 Kgs, 73.28 oz
Magnet Gap Dept	: 0.47", 12 mm
Voice Coil Diameter	: 3", 75.6 mm
Transducer Mass	: 7.5 Kg
Net Weight	: 7.24Kg15.92Lb
Gross Weight	: 8.84Kg19.45Lb
Packing Dimension WxLxH(mm)	: 434 X 434 X 230
	16.9in X 16.9in X 9in
	1.5 Cu.Ft

THIELE-SMALL PARAMETERS

Resonance Frequency	(fs)	: 42 Hz
DC Resistance	(Re)	: 5.4 Ω
Coil Inductance	(Le)	: 1.04 mH
Mechanical Q	(Qms)	: 7.33
Electromagnetic Q	(Qes)	: 0.36
Total Q	(Qts)	: 0.35
Compliance Equivalent Volume	(Vas)	: 157 Liters
Mechanical Compliance of suspension	(Cms)	: 160.8 uM/N
BL Product	(BL)	: 18.37 Tm
Diaphragm mass Inc. Airload	(Mms)	: 85.38 gm
Surface Area of Cone	(Sd)	: 0.0831 Sqm
Efficiency Bandwidth Product	(EBP)	: 116.60
Voice Coil Over Hang	(X-max)	: 3.5 mm



APPLICATION

* Performance optimized for low-mid Low frequency in fixed or touring sound systems.

MATERIALS OF CONSTRUCTION

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

MOUNTING INFORMATION

