

# SN-SERIES

## MID & BASS TRANSDUCER



### APPLICATION

- Suitable for portable Active systems.
- 2 way fixed or touring sound systems.

## SN-15MB

### MATERIALS OF CONSTRUCTION

- Glass Fiber voice coil Former CCAW wire Inside/Outside 400°C High Temp Voice Coil
- Die Cast Aluminum Basket
- Paper Cone
- Solid composition paper dust cap
- Neodymium Magnet
- Tear resistant Tetoron-cotton blend rolled cloth edge
- Cotton Polyester Blend Spider

Nominal OD.	: 15" (380mm)
Nominal Impedance	: 8 $\Omega$
Power Rating	: 300 W(rms)
Average Sensivity 1W @ 1 m	: 99.8 dB
Operating Bandwidth	: 35 Hz - 3.0K Hz
Magnet Gap Dept	: 0.47" 12 mm
Voice Coil Diameter	: 3", 75.6 mm
Transducer Mass	: 4.23 Kg
Net Weight	: 4.2 Kg (9.24 Lb)/pcs
Gross Weight	: 5.7 Kg (12.54Lb)/pcs
Packing Dimension WxLxH(mm)	: 420 X 420 X 220 16.5in X 16.5in X 8.6in

### THIELE-SMALL PARAMETERS

Resonance Frequency	(fs)	: 47 Hz
DC.Resistance	(Re)	: 5.5 $\Omega$
Coil Inductance	(Le)	: 0.85 mH
Mechanical Q	(Qms)	: 8.31
Electromagnetic Q	(Qes)	: 0.31
Total Q	(Qts)	: 0.30
Compliance Equivalent Volume	(Vas)	: 176 Liters
Mechanical Compliance of suspension	(Cms)	: 151 $\mu$ M/N
BL Product	(BL)	: 19.70 Tm
Diaphragm mass Inc.Airload	(Mms)	: 75.7 gm
Surface Area of Cone	(Sd)	: 0.0907 Sqm
Efficiency Bandwidth Product	(EBP)	: 151
Voice Coil Over Hang	(X-max)	: 3.5 mm

### MOUNTING INFORMATION

