

SN-SERIES

LOW & BASS TRANSDUCER

APPLICATION

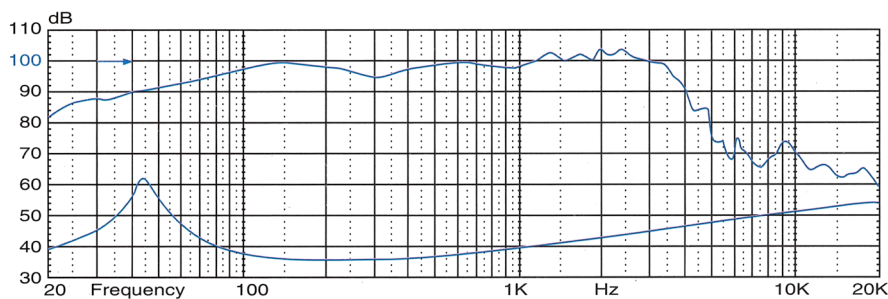
- Suitable for portable Active systems, Mid-Low frequency for fixed or touring sound systems.

SN-15B

Nominal OD.	: 15" (380mm)
Nominal Impedance	: 8 Ω
Power Rating	: 300 W(rms)
Average Sensitivity 1W @ 1 m	: 100 dB
Operating Bandwidth	: 35 Hz - 2.5K 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 (12.54 Lb)/pcs
Packing Dimension WxLxH(mm):	420 X 420 x 220
	16.5in X 16.5in X 8.6in

THIELE-SMALL PARAMETERS

Resonance Frequency	(fs)	: 39 Hz
DC.Resistance	(Re)	: 5.2 Ω
Coil Inductance	(Le)	: 0.90 mH
Mechanical Q	(Qms)	: 4.99
Electromagnetic Q	(Qes)	: 0.17
Total Q	(Qts)	: 0.16
Compliance Equivalent Volume	(Vas)	: 208 Liters
Mechanical Compliance of Suspension	(Cms)	: 178 $\mu\text{M/N}$
BL.Product	(BL)	: 26.3 Tm
Diaphragm Mass Inc.Airload	(Mms)	: 89.3 gm
Surface Area of Cone	(Sd)	: 0.0907 Sqm
Efficiency Bandwidth Product	(EBP)	: 229
Voice Coil Over Hang	(X-max)	: 3.5 mm



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

MOUNTING INFORMATION

