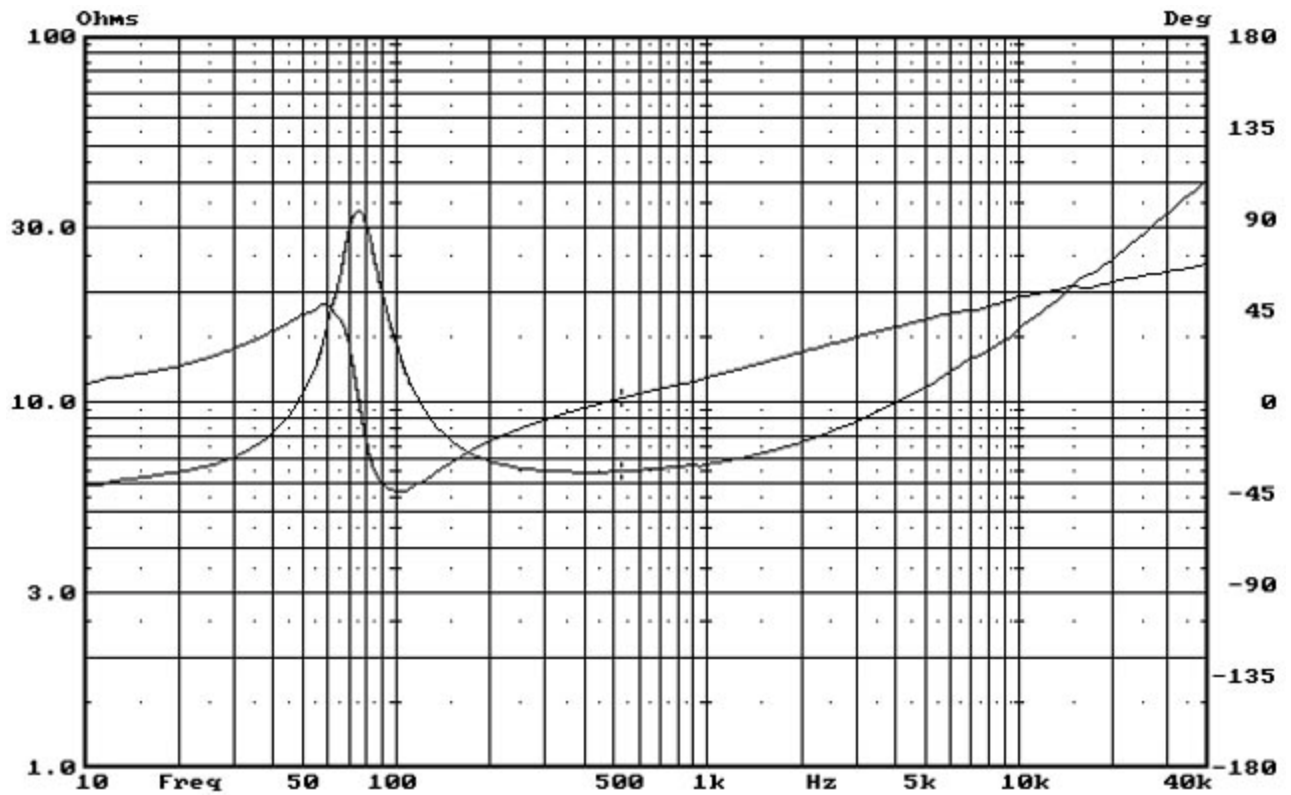
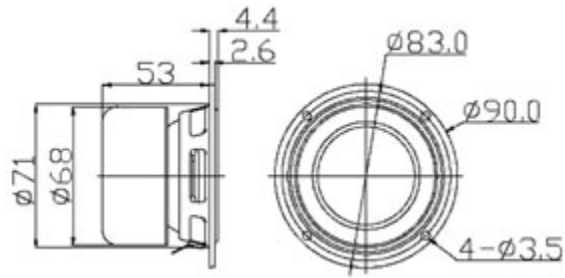


B3N Frequency Response



B3N Impedance



Mechanical Drawing for B3N

B3N SPECIFICATIONS

Nominal Impedance (Z) (Ω)	8
Resonance Frequency (Fs) (Hz)	77
Nominal Power Handling (Pnom) (W)	15
Sensitivity (2.83v/1m) (dB)	81
Weight (M) (Kg)	0.55
VC Diameter (mm)	20 CCAW
DC (Re) (Ω)	6.5
VC Length (H) (mm)	9
VC Former	Kapton
VC Layers	2
Magnet System	Shielded Ferrite
Force Factor (BL) (TM)	3.1
Gap Height (He) (mm)	3.0
Linear Excursion (Xmax) (mm)	3.0
Suspension Compliance (Cms) ($\mu\text{M}/\text{N}$)	1320
Mechanical Q (Qms)	4.48
Electrical Q (Qes)	1.07
Total Q (Qts)	0.86
Moving Mass (Mms) (g)	3.2
Effective Piston Area (Sd) (m^2)	0.0030
Equivalent Air Volume (Vas) (L)	1.7
Sealed Box	Vb=2L
	F-3=80Hz

