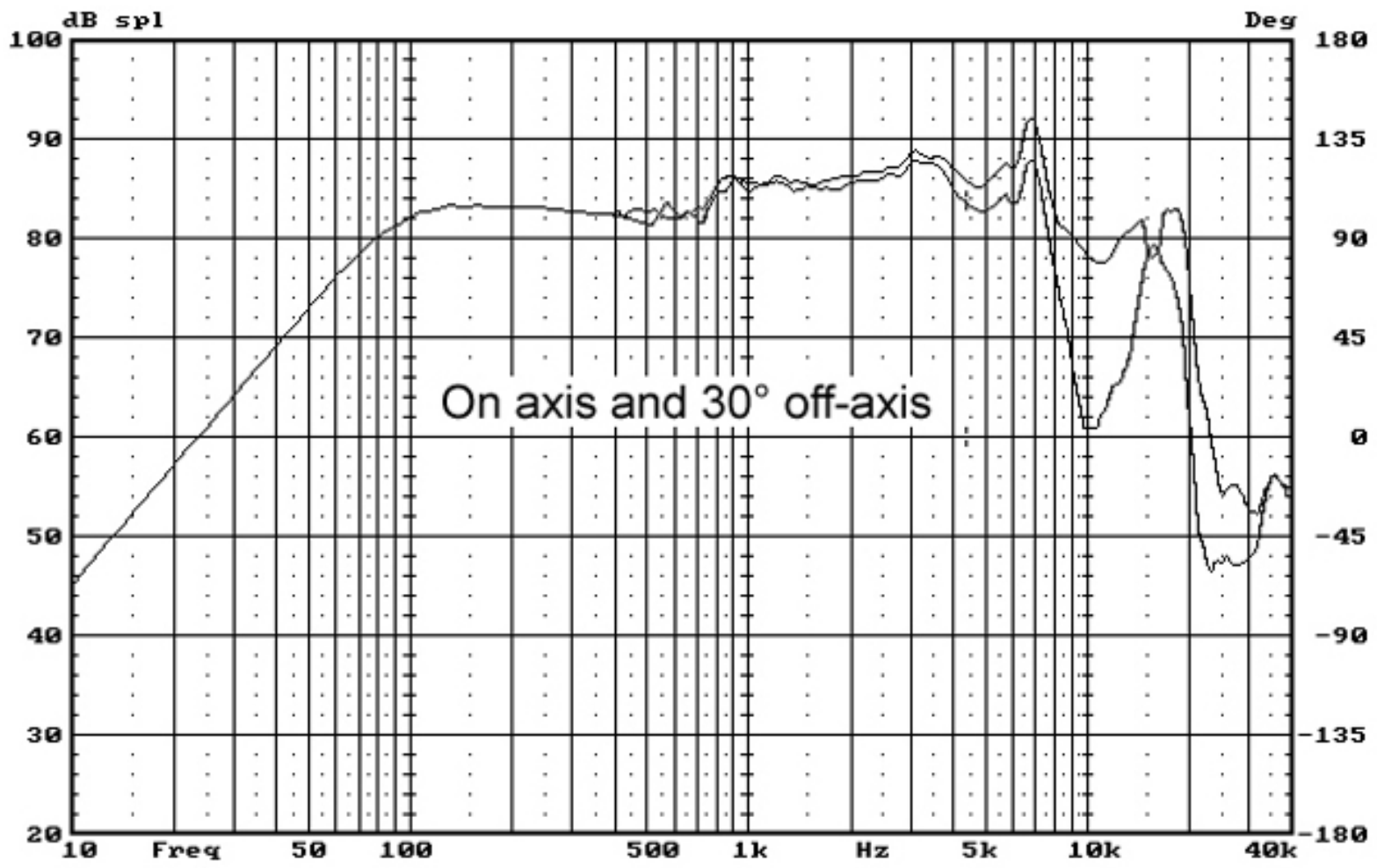


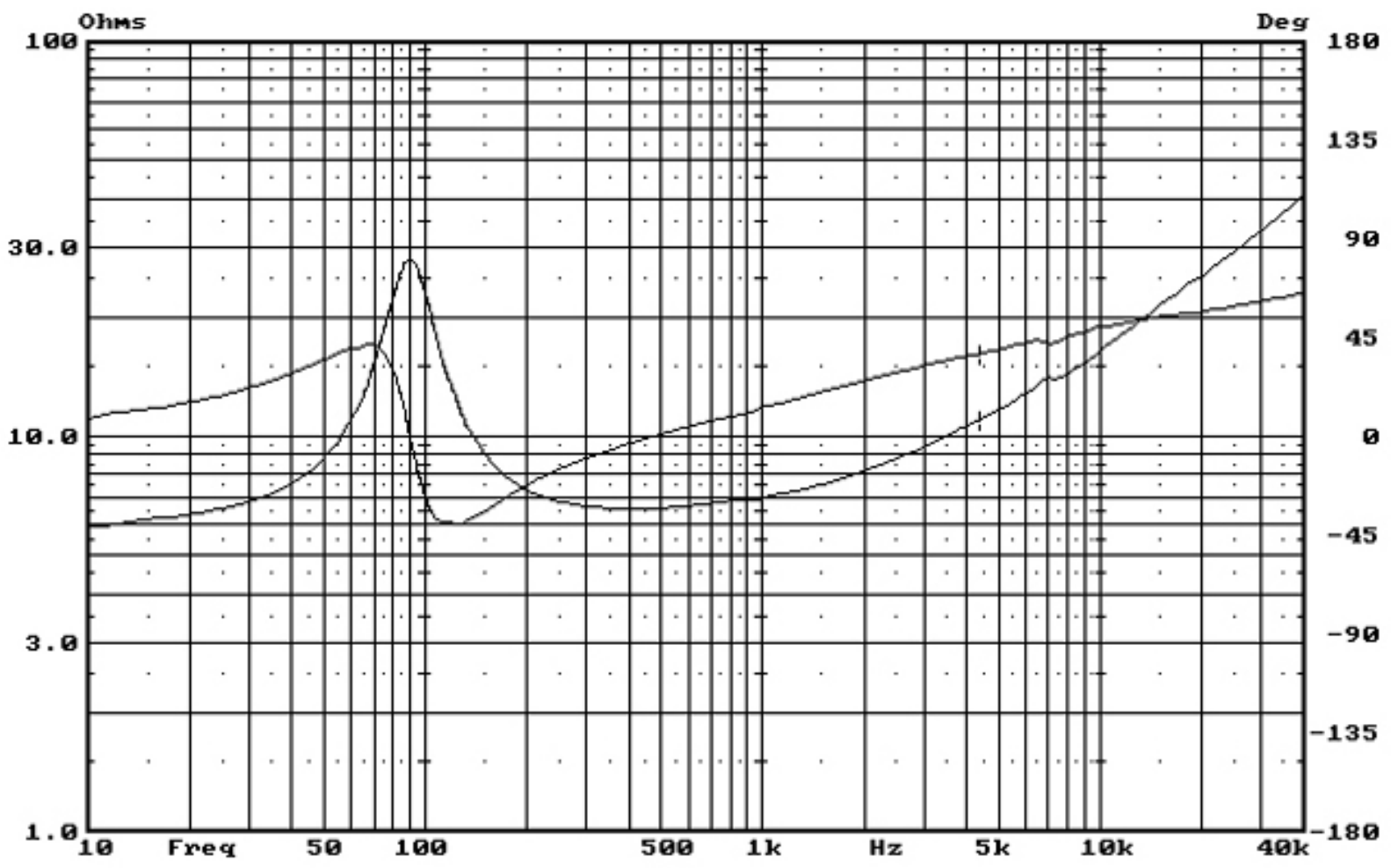
Mechanical Drawing for M3N

### M3N SPECIFICATIONS

Nominal Impedance (Z)( $\Omega$ )	8
Resonance Frequency (Fs)(Hz)	91
Nominal Power Handling (Pnom)(W)	15
Sensitivity (2.83v/1m)(dB)	82
Weight (M)(Kg)	0.55
VC Diameter (mm)	20 CCAW
DC (Re)( $\Omega$ )	6.5
VC Length (H)(mm)	9.0
VC Former	Kapton
VC Layers	2
Magnet System	Shielded Ferrite
Force Factor (BL)(TM)	3.0
Gap Height (He)(mm)	3.0
Linear Excursion (Xmax)(mm)	3.0
Suspension Compliance (Cms)( $\mu$ M/N)	1172
Mechanical Q (Qms)	3.57
Electrical Q (Qes)	1.03
Total Q (Qts)	0.80
Moving Mass (Mms)(g)	2.6
Effective Piston Area (Sd)( $m^2$ )	0.0030
Equivalent Air Volume (Vas)(L)	1.5
Vented or Sealed Box	Vb=1.6L
	F-3=97Hz



M3N Frequency Response



M3N Impedance