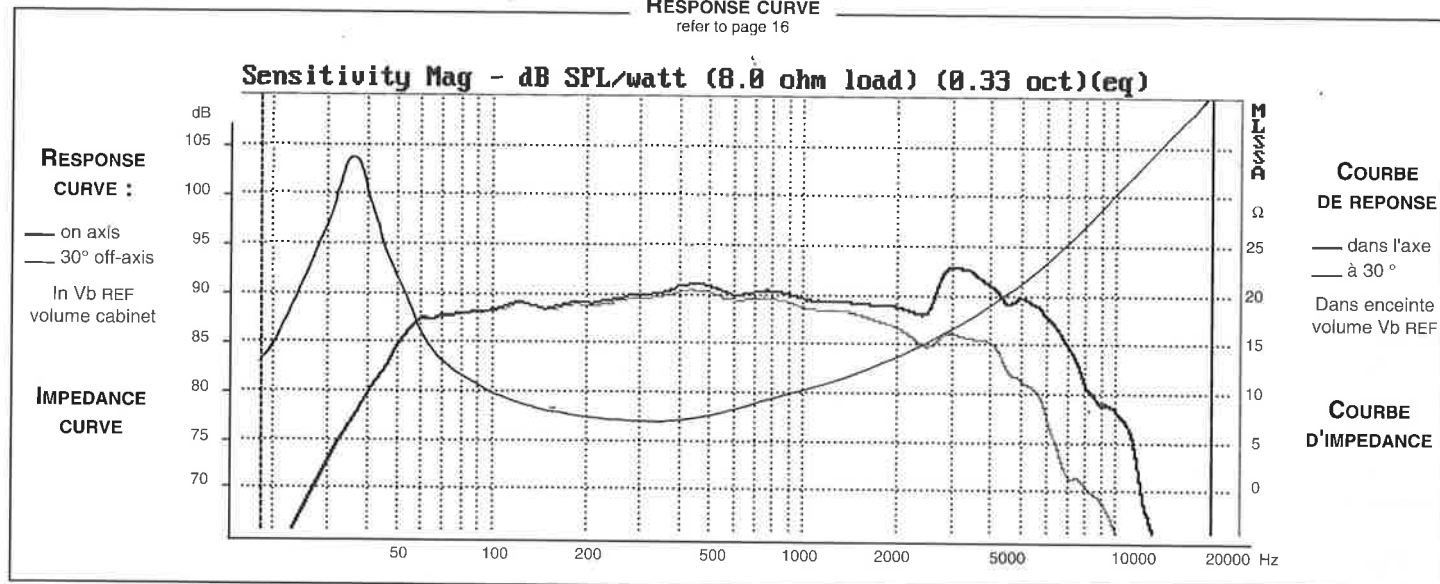


RESPONSE CURVE
refer to page 16



SPECIFICATIONS

| Technical Characteristics | Symbol | Value | Units |
|---------------------------|--------|-------|-------|
|---------------------------|--------|-------|-------|

PRIMARY APPLICATION

| | | | |
|------------------------|----|----|----|
| Nominal Impedance | Z | 8 | Ω |
| Resonance Frequency | Fs | 34 | Hz |
| Nominal Power Handling | P | 70 | W |
| Sensitivity | E | 90 | dB |

VOICE COIL

| | | | |
|-----------------------|------|-----------|----|
| Voice coil diameter | Ø | 37,5 | mm |
| Minimum Impedance | Zmin | 7,6 | Ω |
| DC Resistance | Re | 6,3 | Ω |
| Voice Coil Inductance | Lbm | 0,6 | mH |
| Voice coil Length | h | 15 | mm |
| Former | - | Aluminium | - |
| Number of layers | n | 2 | - |

MAGNET

| | | | |
|------------------------|-------|----------|------------------|
| Magnet dimensions | Ø x h | 100 x 18 | mm |
| Magnet weight | m | 0,55 | kg |
| Flux density | B | 1 | T |
| Force factor | BL | 9,24 | NA ⁻¹ |
| Height of magnetic gap | He | 6 | mm |
| Stray flux | Fmag | - | Am ⁻¹ |
| Linear excursion | Xmax | ±4,5 | mm |

PARAMETERS

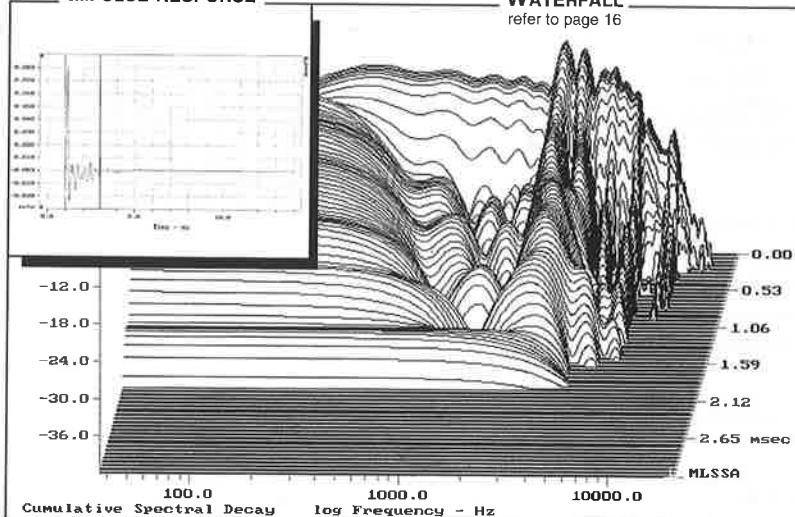
| | | | |
|---------------------------------|-----|-----------------------|--------------------|
| Suspension Compliance | Cms | 0,8.10 ⁻³ | mN ⁻¹ |
| Mechanical Q Factor | Qms | 2,05 | - |
| Electrical Q Factor | Qes | 0,44 | - |
| Total Q Factor | Qts | 0,36 | - |
| Mechanical Resistance | Rms | 2,91 | kg s ⁻¹ |
| Moving Mass | Mms | 27,9.10 ⁻³ | kg |
| Effective Piston Area | S | 2,21.10 ⁻² | m ² |
| Volume Equivalent of Air at Cas | Vas | 55.10 ⁻³ | m ³ |
| Mass of speaker | M | 1,8 | kg |

APPLICATION PARAMETERS

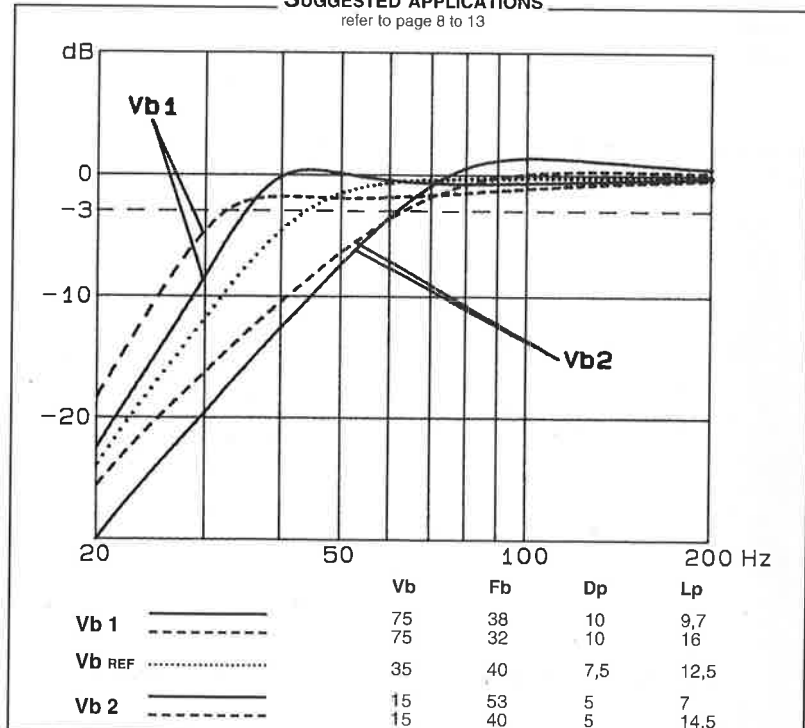
| | | |
|----|------------------|-----------------|
| Vb | Box volume | dm ³ |
| Fb | Tuning frequency | Hz |
| Dp | Port diameter | cm |
| Lp | Port length | cm |

IMPULSE RESPONSE

WATERFALL
refer to page 16



SUGGESTED APPLICATIONS
refer to page 8 to 13



Please refer to method of measurement and measurement conditions pages 15 to 19.
Audax may, without prior notification modify the specifications on its products further to research and development requirements.