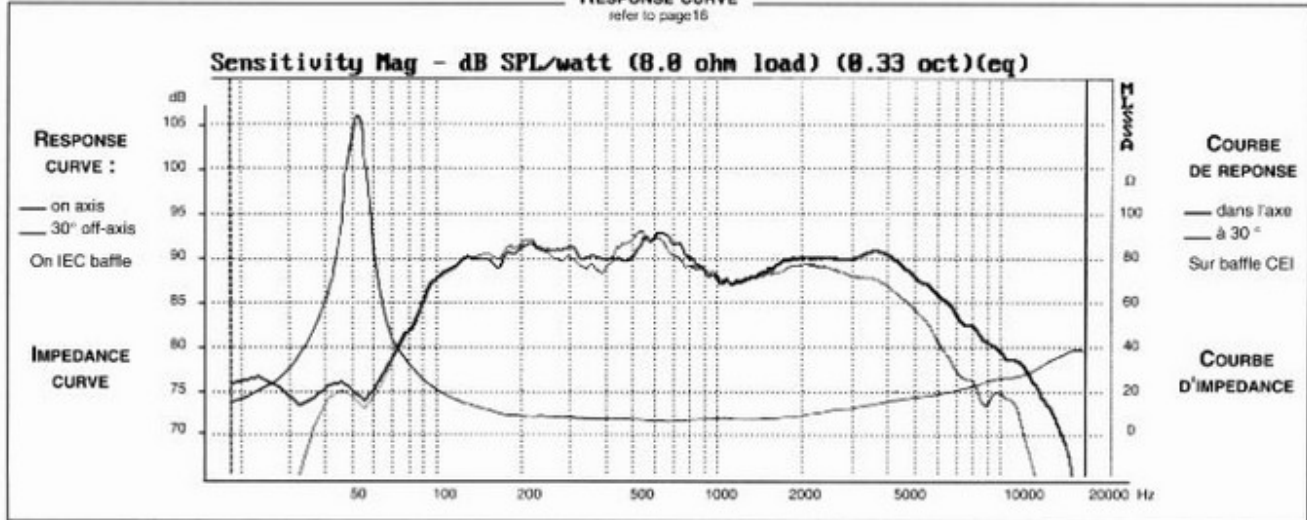


RESPONSE CURVE

refer to page 16



SPECIFICATIONS

Technical Characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	48	Hz
Nominal Power Handling	P	50	W
Sensitivity	E	91	dB
VOICE COIL			
Voice coil diameter	Ø	30	mm
Minimum Impedance	Zmin	7,2	Ω
DC Resistance	Re	6,4	Ω
Voice Coil Inductance	Lbm	0,42	mH
Voice coil Length	h	12,5	mm
Former	-	Kapton	-
Number of layers	n	1	-
MAGNET			
Magnet dimensions	Ø x h	100 x 18	mm
Magnet weight	m	0,55	kg
Flux density	B	1,4	T
Force factor	BL	8,2	NA ⁻¹
Height of magnetic gap	He	6	mm
Stray flux	Fmag	-	Am ⁻¹
Linear excursion	Xmax	±3,25	mm
PARAMETERS			
Suspension Compliance	Cms	1,19.10 ⁻⁶	mN ⁻¹
Mechanical Q Factor	Qms	7,11	-
Electrical Q Factor	Qes	0,26	-
Total Q Factor	Qts	0,25	-
Mechanical Resistance	Rms	0,39	kg s ⁻¹
Moving Mass	Mms	9,3.10 ⁻³	kg
Effective Piston Area	S	0,85.10 ⁻⁴	m ²
Volume Equivalent of Air at Cas	Vas	12.10 ⁻³	m ³
Mass of speaker	M	1,6	kg

APPLICATION PARAMETERS

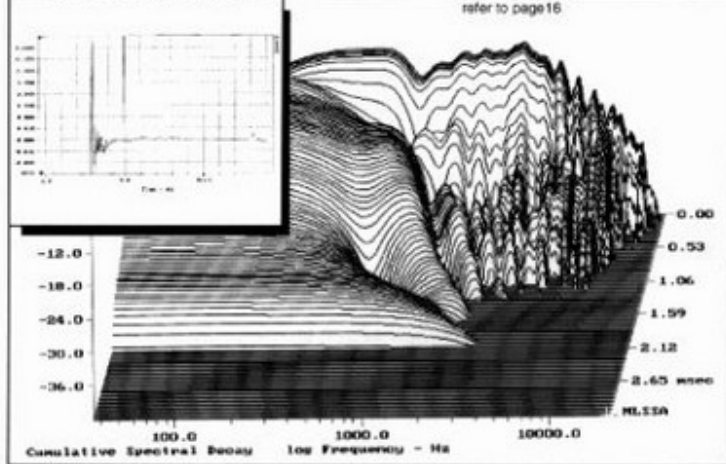
Symbol	Description	Unit
Vb	Box volume	dm ³
Fb	Tuning frequency	Hz
Dp	Port diameter	cm
Lp	Port length	cm

IMPULSE RESPONSE



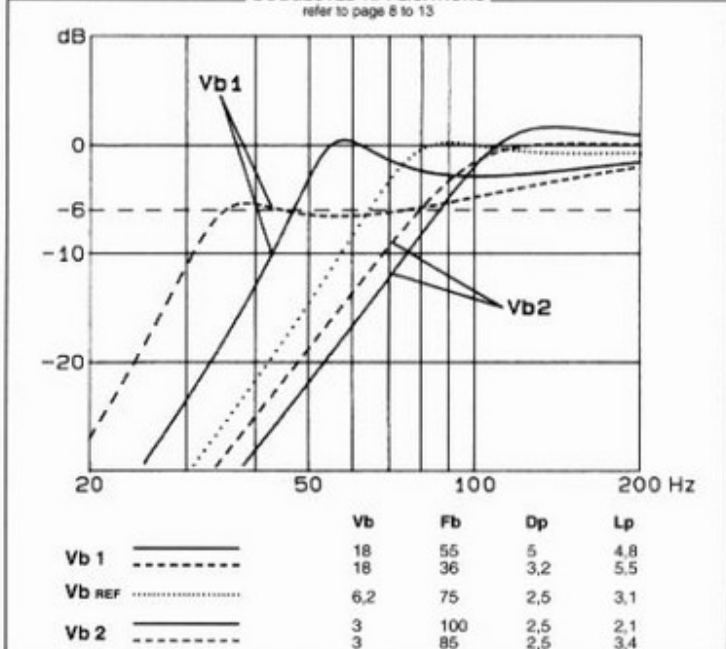
WATERFALL

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.