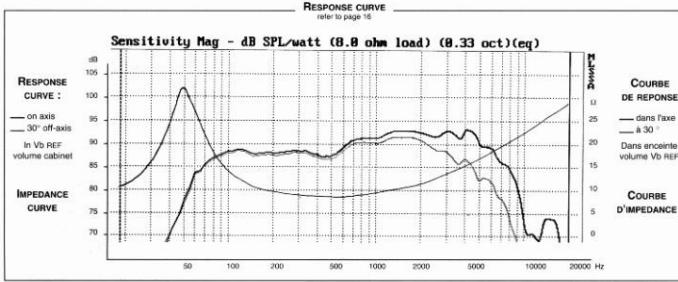


AUDAX HT170K0
LA PASSION DU HAUT-PARLEUR BASS MIDRANGE

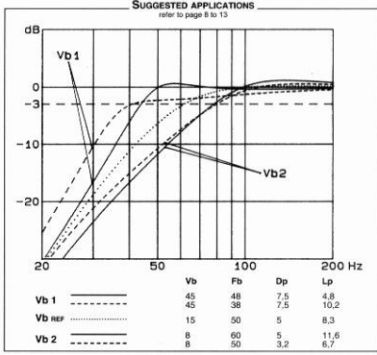
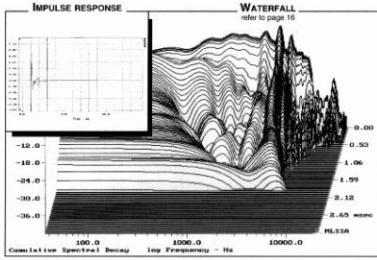


SPECIFICATIONS

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	89	dB
VOICE COIL			
Voice coil diameter	Ø	25	mm
Minimum Impedance	Zmin	7,6	Ω
DC Resistance	Re	6,7	Ω
Voice Coil Inductance	Lbm	0,25	mH
Voice coil Length	h	11	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	1,3	T
Force factor	BL	7,13	NA ¹
Height of magnetic gap	He	6	mm
Stray flux	Fmag	-	Am ¹
Linear excursion	Xmax	±2,5	mm
PARAMETERS			
Suspension Compliance	Cms	0,84 · 10 ⁻¹	mN
Mechanical Q Factor	Qms	2,16	-
Electrical Q Factor	Qes	0,52	-
Total Q Factor	Qts	0,42	-
Mechanical Resistance	Rms	1,86	kg s ⁻¹
Moving Mass	Mms	13,3 · 10 ⁻¹	kg
Effective Piston Area	S	1,4 · 10 ¹	m ²
Volume Equivalent of Air at Gas	Vas	23,1 · 10 ¹	m ³
Mass of speaker	M	1,5	kg

APPLICATION PARAMETERS

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



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.