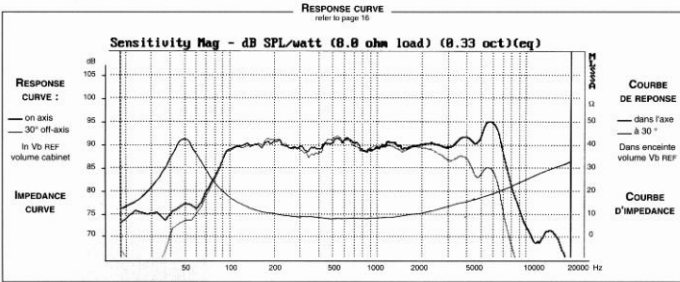


AUDAX HT130K0
LA PASSION DU HAUT-PARLEUR BASS MIDRANGE



SPECIFICATIONS

Technical Characteristics	Symbol	Value	Units
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PRIMARY APPLICATION

Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	44	Hz
Nominal Power Handling	P	40	W
Sensitivity	E	90	dB

VOICE COIL

Voice coil diameter	Ø	25	mm
Minimum Impedance	Zmin	8	Ω
DC Resistance	Re	6.5	Ω
Voice Coil Inductance	Lbm	0.14	mH
Voice coil Length	h	11	mm
Former	-	Aluminium	-
Number of layers	n	2	-

MAGNET

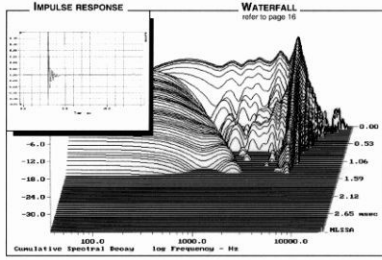
Magnet dimensions	Ø x h	100 x 18	mm
Magnet weight	m	0.55	kg
Flux density	B	1.3	T
Force factor	BL	6.8	NA ⁻¹
Height of magnetic gap	He	6	mm
Stray flux	Fmag	-	Am ²
Linear excursion	Xmax	±2.5	mm

PARAMETERS

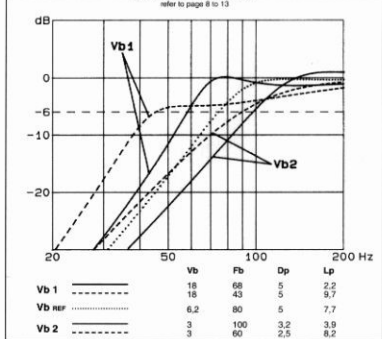
Suspension Compliance	Cms	1.76.10 ⁻¹	mN ⁻¹
Mechanical Q Factor	Qms	1.72	-
Electrical Q Factor	Qes	0.29	-
Total Q Factor	Qts	0.25	-
Mechanical Resistance	Rms	1.22	kg s ⁻¹
Moving Mass	Mms	7.57.10 ⁻³	kg
Effective Piston Area	S	0.85.10 ⁻¹	m ²
Volume Equivalent of Air at Cas	Vas	17.8.10 ⁻¹	m ³
Mass of speaker	M	1.4	kg

APPLICATION PARAMETERS

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



SUGGESTED APPLICATIONS
refer to page 8 to 11



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.