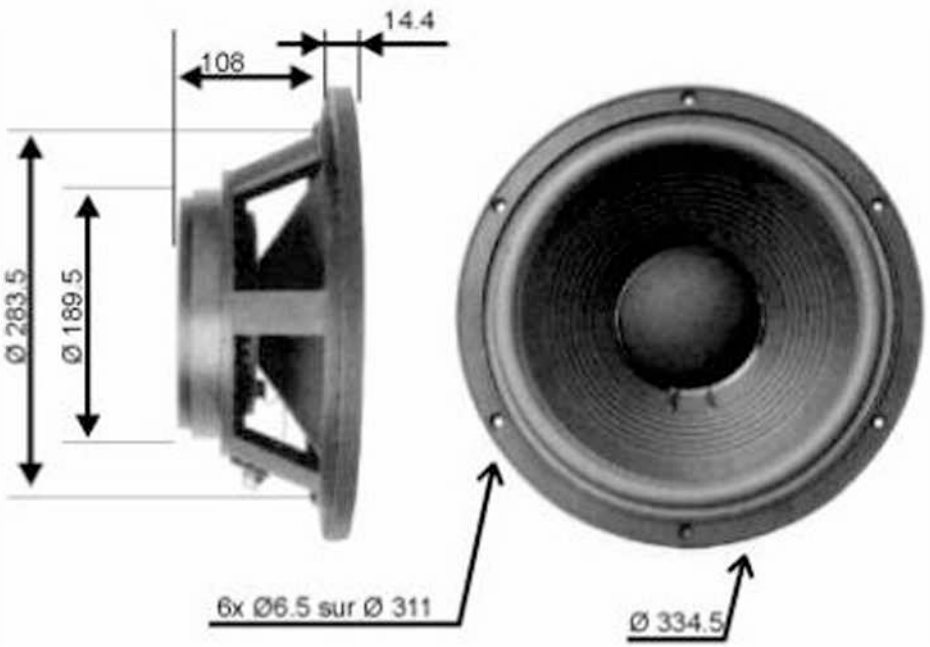
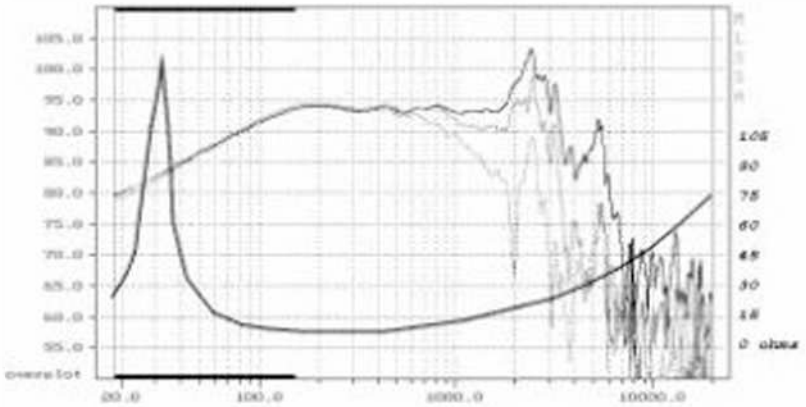
AUDAX INDUSTRIES

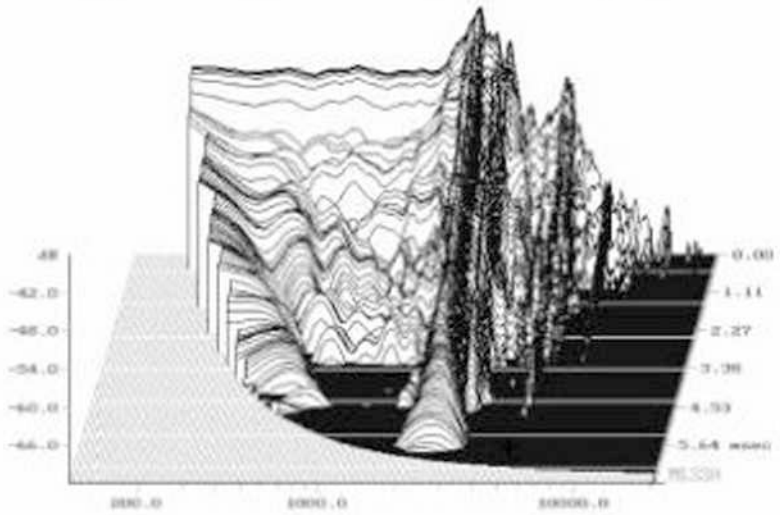
Boomer 33 cm papier 8 ohms

PR330M0

La technologie papier associée au chassis moulé ultra-rigide permettent d'obtenir une reproduction très puissantes de graves d'une grande douceur.







Impédance	8 ohms	Diamètre bobine	70 mm
Résonance	28 Hz	Hauteur bobine	15 mm
Puissance nominale (IEC)	150 W	Support	kapton
Sensibilité (2.83V/1m)	98.0 dB	Nb. couches	1
		Type de fil	plat
Résistance (DC)	5.8 ohms	Champ	13.5 NA
Inductance	0.38 mH	Masse mobile	52.0 gr
Xmax	± 4.0 mm		
Qms	6.69	Membrane	papier
Qes	0.28	Suspension	mousse
Qts	0.27	Saladier	zamack
Vas	264 l	Poids	8.0 kg

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AUDAX

LA PASSION DU HAUT-PARLEUR

PR330M0

WOOFER

100891S

13" - PAPER CONE DRIVER - 330 mm

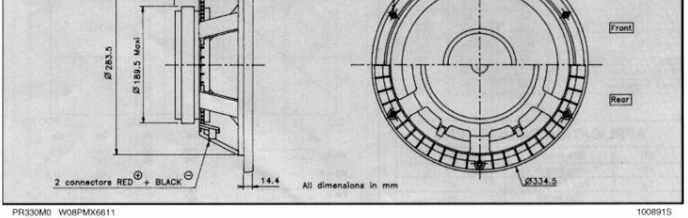
PROFESSIONAL LINE

High efficiency - 98 dB - High power 150 W
Foam suspension
Ultra stiff die cast chassis
Heat sink design
Vented pole piece
Kapton voice coil former (70 mm Ø)
Flat copper wire
Gold plated binding post

Haut rendement - 98 dB - Puissance élevée 150 W
Suspension mousse
Châssis moulé ultra-rigide
Ailettes de refroidissement
Noyau ventilé
Bobine sur support Kapton (Ø 70 mm)
Fil cuivre plat sur chant
Bornes plaquées or

This 13" woofer offers Hi-Fi quality along with Professional characteristics. High efficiency (98 dB). Large Magnet with a Vented Pole Piece. High Heat Dissipation. Heatsink Designed Zamak Basket. The flat copper wire voice coil is wound onto a fiberglass reinforced Kapton former for exceptional power handling (150 W). Ideally suited for strong bass response down to 40 Hz using a C4 alignment. Gold plated binding posts fitted onto the Ultra stiff die cast chassis are designed to accept large diameter cables. The "suggested applications" charts indicate various driver loads. The response curves shown on the diagram indicate the predicted low end response of the driver in the suggested box volume (Vb) with suggested port (Dp-Lp).

Ce haut-parleur de 330 mm combine qualité de son Haute Fidélité et caractéristiques professionnelles. Son très haut rendement (98 dB) résulte de l'association d'un large système magnétique (180 mm) associé à une bobine sur support Kapton renforcé fibre de verre en fil de cuivre plat sur chant. Particulièrement destiné à des systèmes reflex accordés, le grave est reproduit sans distorsion jusqu'à 40 Hz avec un alignement de type C4. Son châssis ultra rigide à ailettes de refroidissement pour une dissipation optimale de la chaleur est équipé de borniers plaqués or permettant l'utilisation de câbles de forte section. Le tableau "Suggested applications" indique différents types de charge. Les courbes publiées correspondent à la réponse dans le grave pour un volume (Vb) et une dimension d'évent donnée (Dp-Lp).



AUDAX

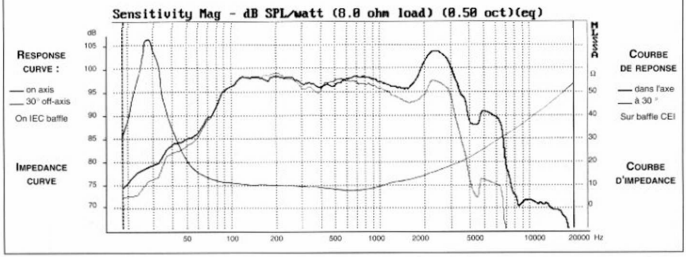
LA PASSION DU HAUT-PARLEUR

PR330M0

WOOFER

RESPONSE CURVE

refer to page 16



SPECIFICATIONS

Technical Characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	28	Hz
Nominal Power Handling	P	150	W
Sensitivity	E	98	dB
VOICE COIL			
Voice coil diameter	Ø	70	mm
Minimum Impedance	Zmin	6,3	Ω
DC Resistance	Re	5,8	Ω
Voice Coil Inductance	Lbm	0,88	mH
Voice coil Length	h	15	mm
Former	-	Kapton	-
Number of layers	n	1	-
MAGNET			
Magnet dimensions	Ø x h	184 x 20	mm
Magnet weight	m	1,91	kg
Flux density	B	1,2	T
Force factor	BL	13,5	NA^{-1}
Height of magnetic gap	He	7	mm
Stray flux	Fmag	-	Am^{-1}
Linear excursion	Xmax	±4	mm
PARAMETERS			
Suspension Compliance	Cms	$0,65.10^{-3}$	mN^{-1}
Mechanical Q Factor	Qms	6,69	-
Electrical Q Factor	Qes	0,28	-
Total Q Factor	Qts	0,27	-
Mechanical Resistance	Rms	1,34	kg s^{-1}
Moving Mass	Mms	52.10^{-3}	kg
Effective Piston Area	S	$5,38.10^{-2}$	m^2
Volume Equivalent of Air at Cas	Vas	264.10^{-3}	m^3
Mass of speaker	M	8	kg

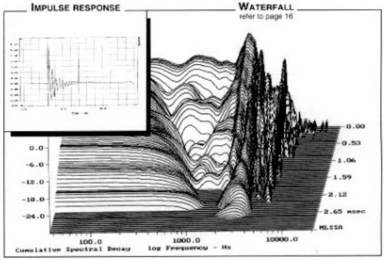
APPLICATION PARAMETERS

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

IMPULSE RESPONSE

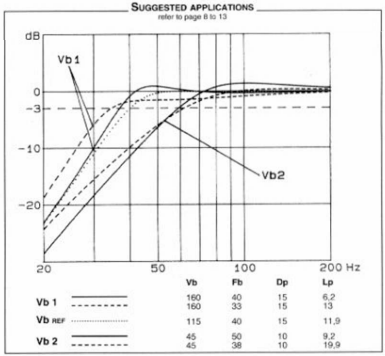
WATERFALL

refer to page 16



SUGGESTED APPLICATIONS

refer to page 8 to 13



	Vb	Fb	Dp	Lp
Vb 1	160	40	15	6,2
	160	33	15	13
Vb REF	115	40	15	11,9
Vb 2	45	50	10	9,2
	45	38	10	19,9

Please refer to method of measurement and measurement conditions pages 15 to 19.