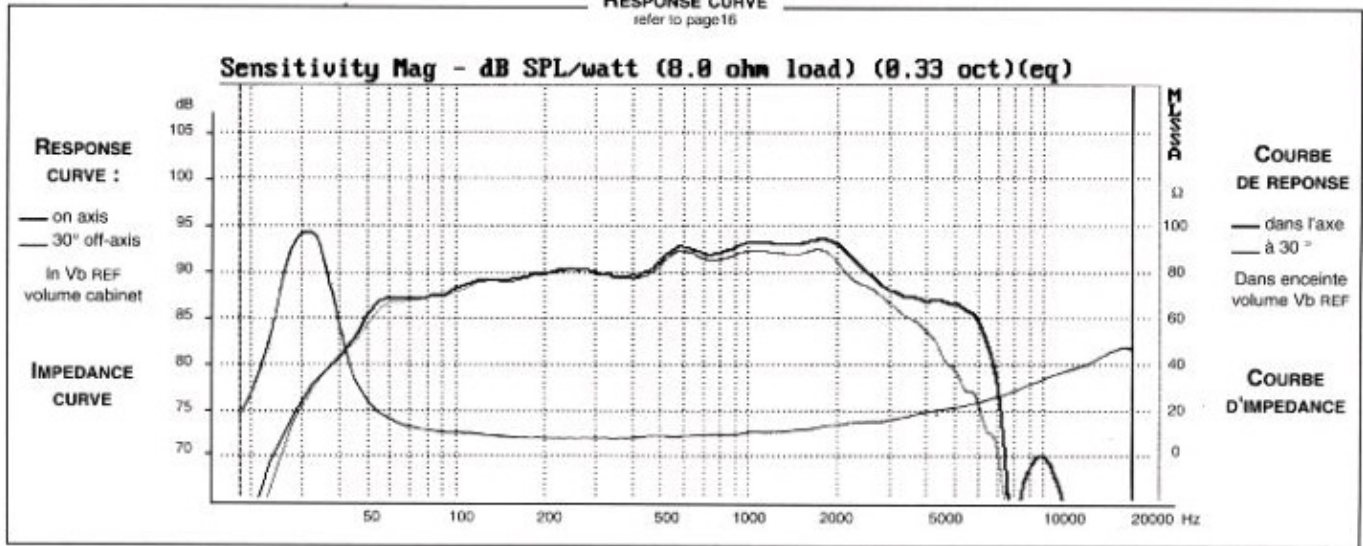


RESPONSE CURVE
refer to page 16



SPECIFICATIONS			
Technical Characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	30	Hz
Nominal Power Handling	P	70	W
Sensitivity	E	90	dB
VOICE COIL			
Voice coil diameter	\varnothing	40	mm
Minimum Impedance	Zmin	7,4	Ω
DC Resistance	Re	6,4	Ω
Voice Coil Inductance	Lbm	0,66	mH
Voice coil Length	h	14,3	mm
Former	-	Kapton	-
Number of layers	n	1	-
MAGNET			
Magnet dimensions	$\varnothing \times h$	120 x 20	mm
Magnet weight	m	0,88	kg
Flux density	B	1,4	T
Force factor	BL	11,23	NA ¹
Height of magnetic gap	He	6	mm
Stray flux	Fmag	-	Am ¹
Linear excursion	Xmax	$\pm 4,15$	mm
PARAMETERS			
Suspension Compliance	Cms	$1,06 \cdot 10^{-3}$	mN ¹
Mechanical Q Factor	Qms	8,85	-
Electrical Q Factor	Qes	0,25	-
Total Q Factor	Qts	0,25	-
Mechanical Resistance	Rms	0,58	kg s ¹
Moving Mass	Mms	$27 \cdot 10^{-3}$	kg
Effective Piston Area	S	$2,32 \cdot 10^{-3}$	m ²
Volume Equivalent of Air at Cas	Vas	$80 \cdot 10^{-6}$	m ³
Mass of speaker	M	2,7	kg

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

