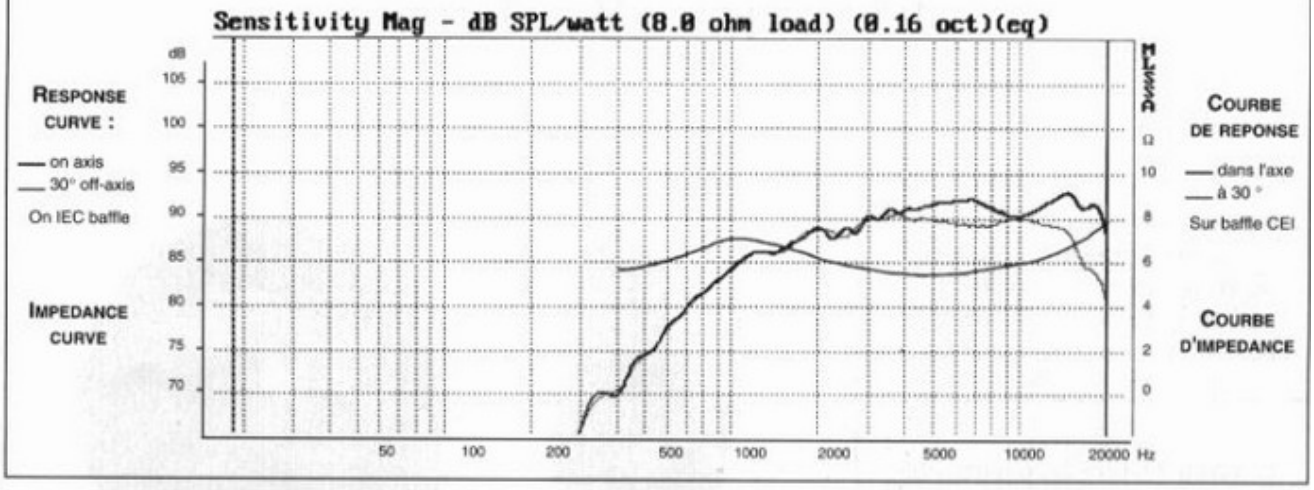
AW025S3

TWEETER

RESPONSE CURVE
refer to page 16

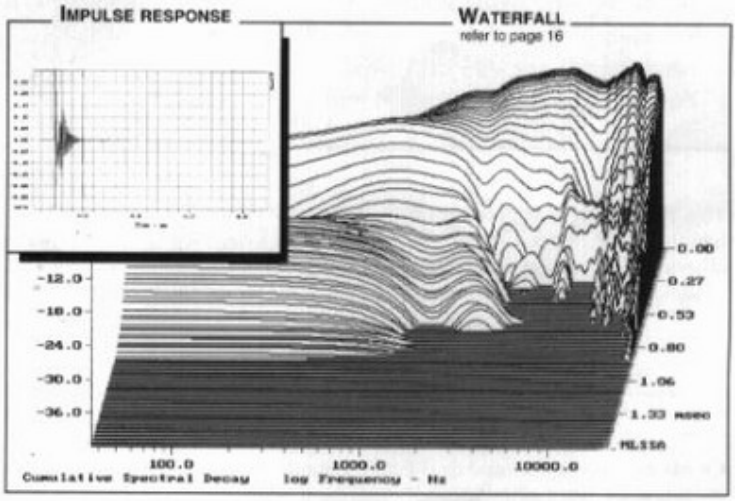


SPECIFICATIONS

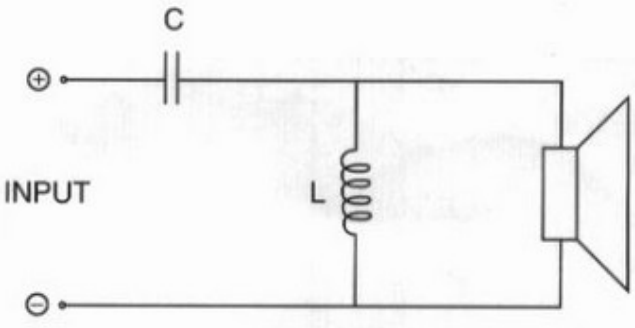
Technical Characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	1150	Hz
Nominal Power Handling	P	80	W
Sensitivity	E	92	dB
VOICE COIL			
Voice coil diameter	Ø	25	mm
Minimum Impedance	Zmin	7	Ω
DC Resistance	Re	5,8	Ω
Voice Coil Inductance	Lbm	25	µH
Voice coil Length	h	1,6	mm
Former	-	Aluminium	-
Number of layers	n	2	-
MAGNET			
Magnet dimensions	Ø x h	(60x10)+(45x9)	mm
Magnet weight	m	0,15	kg
Flux density	B	1,3	T
Force factor	BL	2,2	NA^{-1}
Height of magnetic gap	He	3	mm
Stray flux	Fmag	8	Am^{-1}
Linear excursion	Xmax	±0,3	mm
PARAMETERS			
Suspension Compliance	Cms	-	mN^{-1}
Mechanical Q Factor	Qms	-	-
Electrical Q Factor	Qes	-	-
Total Q Factor	Qts	-	-
Mechanical Resistance	Rms	-	$kg\ s^{-1}$
Moving Mass	Mms	$0,31.10^{-3}$	kg
Effective Piston Area	S	$6,2.10^{-4}$	m^2
Volume Equivalent of Air at Cas	Vas	-	m^3
Mass of speaker	M	0,37	kg

IMPULSE RESPONSE

WATERFALL
refer to page 16



SUGGESTED APPLICATIONS
refer to page 8 to 13



Fc	S	L	C	P
2500	12	0,36	8	80
4000	12	0,15	5,5	130

APPLICATION PARAMETERS

Fc	Crossover Frequency	Hz
S	Slope	dB / Oct.
L	Self-inductance	mH
C	Capacitor	µF
P	Nominal Power Handling	W

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