

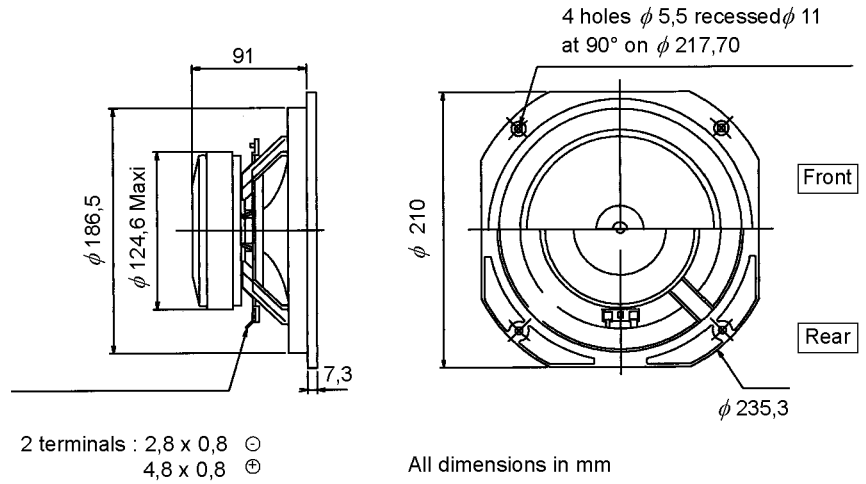
MIDRANGE

HM210Z10 W08ZGV3731
01580A

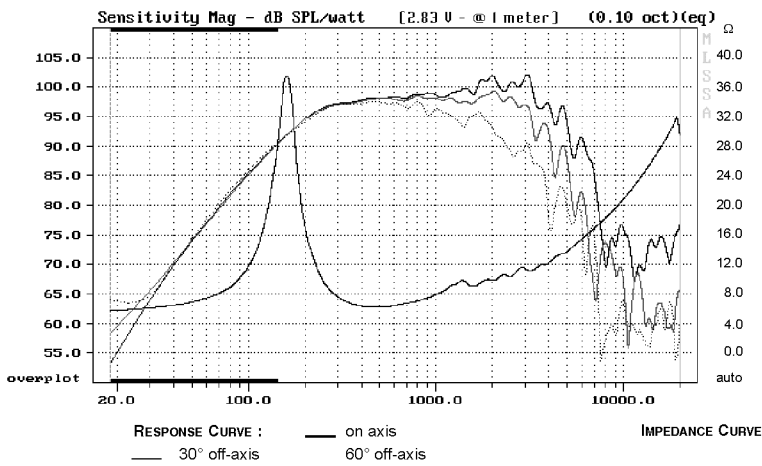
Professional Driver 3" - HDA Cone - 210 mm



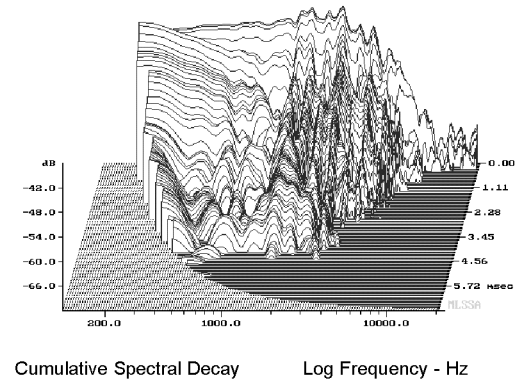
- HDA (High Definition Aerogel) cone
- Very high efficiency (99 dB)
- Rubber impregnated textile suspension
- Die cast chassis
- Kapton voice coil former
- Flat copper wire
- High loss rubber phase plug
- Gold plated terminals
- Black zinc passivated top / bottom plate for high heat dissipation



Response Curve



Waterfall



SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
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PRIMARY APPLICATION

Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	170	Hz
Nominal Power Handling	P	120	W
Sensitivity (2,83 V / 1 m)	E	99	dB

VOICE COIL

Voice Coil Diameter	ϕ	40	mm
Minimum Impedance	Zmin	5,4	Ω
DC Resistance	Re	5,5	Ω
Voice Coil Inductance	Lbm	0,64	mH
Voice Coil Length	h	9	mm
Former	-	Kapton	-
Number of Layers	n	1	-

MAGNET

Magnet Dimensions	ϕ x h	120 x 20	mm
Magnet Weight	m	0,88	kg
Flux Density	B	1,2	T
Force Factor	BL	10,2	NA ⁻¹
Height of Magnetic Gap	He	6	mm
Stray Flux	Fmag	-	Am ²
Linear Excursion	Xmax	\pm 1,5	mm

PARAMETERS

Suspension Compliance	Cms	0,62.10 ⁻³	mN ⁻¹
Mechanical Q Factor	Qms	3,48	-
Electrical Q Factor	Qes	0,73	-
Total Q Factor	Qts	0,60	-
Mechanical Resistance	Rms	-	kg s ⁻¹
Moving Mass	Mms	12,20.10 ⁻³	kg
Effective Piston Area	S	2,52.10 ⁻²	m ²
Volume Equivalent of Air at Cas	Vas	5,00.10 ⁻³	m ³
Mass of Speaker	M	2,85	kg

Suggested Application

Crossover Frequency	Slope	Self Inductance	Resistance	Capacitor	Capacitor1	Power Handling
Fc	S	L	R	C	C1	P
Hz	dB/Oct.	mH	Ω	μ F	μ F	W
500	18	2	-	33	62	120