

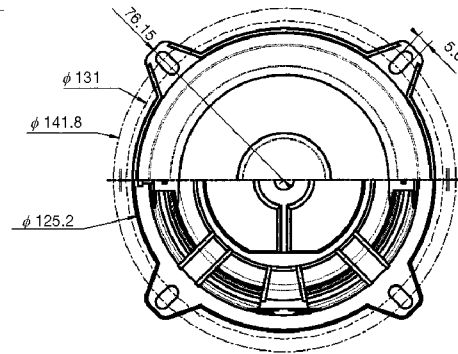
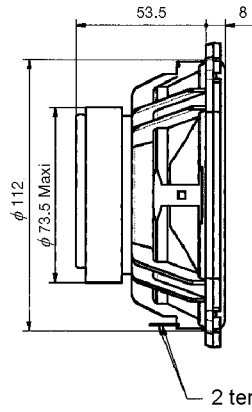
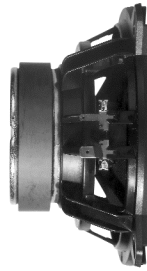
WOOFER

VP130G0 W04PGP2551
102502J

102408A

Mar. 2000

5^{1/4}" - Coated paper cone
High impact polymer chassis



Front

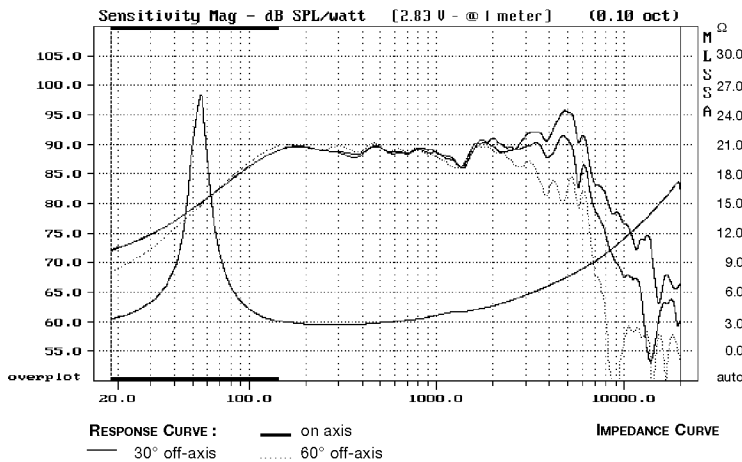
Rear

2 terminals 4.8 x 0.8 ⊕ 2.8 x 0.8 ⊖

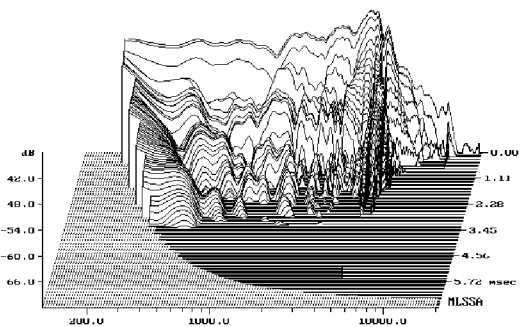
All dimensions in mm

- Coated paper cone
- Compact woofer - Drop-in for high-end aftermarket installation
- High-loss rubber surround
- Kapton former voice coil
- Gold plated terminals
- Vented magnet system
- Non resonant - corrosion-free - High impact polymer chassis

Response Curve



Waterfall



Cumulative Spectral Decay

Log Frequency - Hz

SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	4	Ω
Resonance Frequency	Fs	56,76	Hz
Nominal Power Handling	P	45	W
Sensitivity (2,83 V - 1m)	E	89	dB
VOICE COIL			
Voice Coil Diameter	φ	25	mm
Minimum Impedance	Zmin	3,9	Ω
DC Resistance	Dcr	3,18	Ω
Voice Coil Inductance	Lbm	0,29	mH
Voice Coil Length	h	12	mm
Former	-	kapton	-
Number of Layers	n	2	-
Wire type	-	-	-
Wire material	-	-	-

MAGNET

Magnet Dimensions	φ x h	72 x 15	mm
Magnet Weight	m	245	g
Flux Density	B	1	T
Force Factor	BL	4,04	NA ⁻¹
Height of Magnetic Gap	He	4	mm
Stray Flux	Fmag	-	Am ⁻¹
Linear Excursion	Xmax	±4	mm

PARAMETERS

Suspension Compliance	Cms	1032	μm/N
Mechanical Q Factor	Qms	4,97	-
Electrical Q Factor	Qes	0,53	-
Total Q Factor	Qts	0,48	-
Mechanical Resistance	Rms	0,54	kg s ⁻¹
Moving Mass	Mms	7,62	g
Effective Piston Area	S	83,32	cm ²
Volume Equivalent of Air at Cas	Vas	10,07	liters
Mass of Speaker	M	650	g

Suggested Applications

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
10	-	-	-	84,4
-	-	-	-	-