AUDAX INDUSTRIES
2, route de Tours - 72500 Château du Loir - France
Phone : (33) 2 43 38 42 00 - Fax : (33) 2 43 44 12 02

TW025A16

102304J

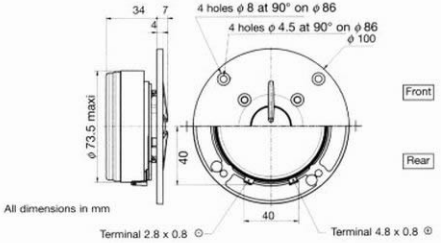
March 99

TWEETER

TW025A16 D08IIP0010
102144L

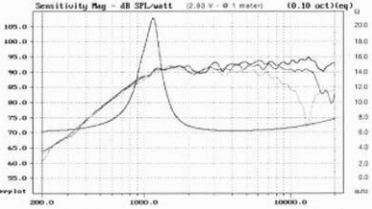
Hi Fi . Round . Titanium . Cavity 8 Ω

- *Profile IV titanium dome, for linear response*
- *Vented pole piece with critically damped vent*
- *Natural felt damped and tuned back chamber*
- *Solid zamack die cast face plate*
- *Ultra-light copper clad aluminium wire voice coil with braided wires*
- *Soft polymer suspension*

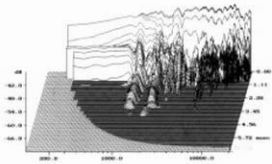


All dimensions in mm

Response Curve



Waterfall



Cumulative Spectral Decay Log Frequency - Hz

SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	1125,3	Hz
Nominal Power Handling	P	60	W
Sensitivity (2,83 V - 1m)	E	94	dB
VOICE COIL			
Voice Coil Diameter	Ø	25	mm
Minimum Impedance	Zmin	6,2	Ω
DC Resistance	Dcr	5,8	Ω
Voice Coil Inductance	Lbm	0,05	mH
Voice Coil Length	h	1,5	mm
Former	-	Aluminium	-
Number of Layers	n	2	-
Wire type	-	round	-
Wire material	-	Aluminium	-

MAGNET			
Magnet Dimensions	ø x h	72 x 15	mm
Magnet Weight	m	245	g
Flux Density	B	1	T
Force Factor	BL	-	NA⁻¹
Height of Magnetic Gap	He	1	mm
Stray Flux	Fmag	-	Am⁻¹
Linear Excursion	Xmax	± 0,75	mm
PARAMETERS			
Suspension Compliance	Cms	-	µm/N
Mechanical Q Factor	Qms	3,50	-
Electrical Q Factor	Qes	1,20	-
Total Q Factor	Qts	0,89	-
Mechanical Resistance	Rms	-	kg s⁻¹
Moving Mass	Mms	-	g
Effective Piston Area	S	4,91	cm²
Volume Equivalent of Air at Cas	Vas	-	liters
Mass of Speaker	M	600	g

Suggested Applications

Crossover Frequency	Slope	Inductance	Capacitor	Power Handling
Hz	dB / Oct.	mH	µF	W
5290	6	-	4,7	60
2910	12	0,3	10	60