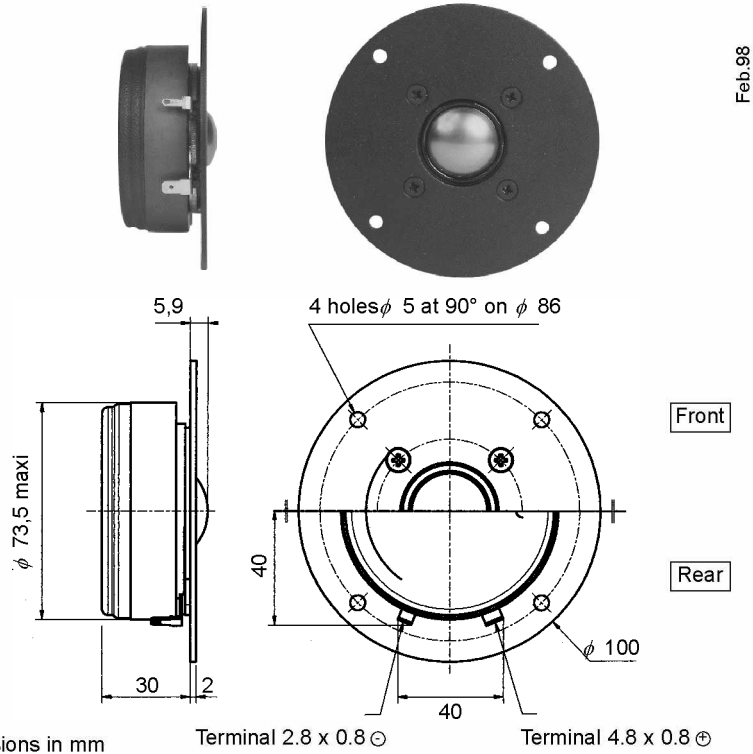


TWEETER

TW025A8 D04IIP0010
101928B

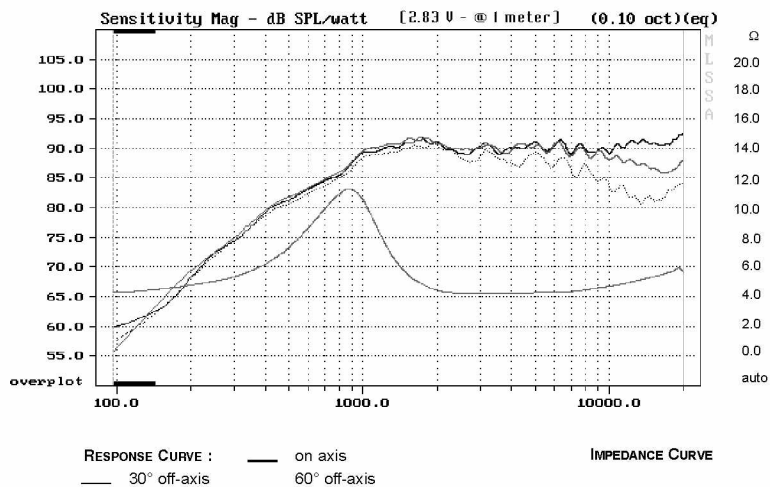
TW025 . Ti IV . Titanium cavity 4Ω

- Profile IV titanium dome diaphragm, for ultra-linear response
- Vented pole piece with critically damped vent
- Natural felt damped and tuned back chamber
- Solid aluminium face plate
- Direct radiation dome for extremely good spatial dispersion
- Ultra-light copper clad aluminium wire voice coil with braided wires

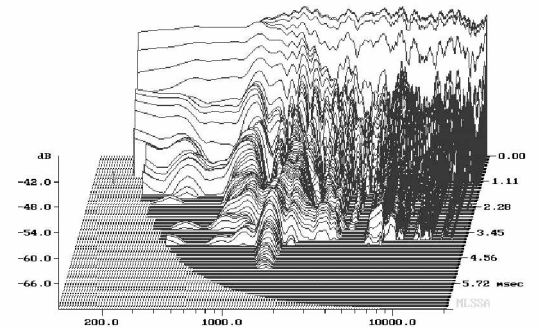


Feb.98

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	1050	Hz
Nominal Power Handling	P	100	W
Sensitivity (2,83 V/1m)	E	91	dB
VOICE COIL			
Voice Coil Diameter	φ	25	mm
Minimum Impedance	Zmin	4,2	Ω
DC Resistance	Re	3,8	Ω
Voice Coil Inductance	Lbm	-	μH
Voice Coil Length	h	1,7	mm
Former	-	Aluminium	-
Wire Material	-	Aluminium	-
Number of Layers	n	2	-

MAGNET

Magnet Dimensions	φ x h	72 x 15	mm
Magnet Weight	m	0,24	kg
Flux Density	B	1,5	T
Force Factor	BL	3,1	NA ⁻¹
Height of Magnetic Gap	He	1,0	mm
Stray Flux	Fmag	-	Am ⁻¹
Linear Excursion	Xmax	± 0,35	mm

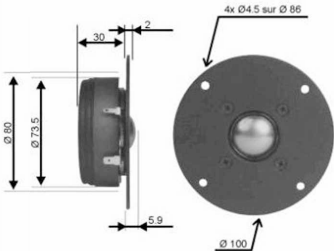
PARAMETERS

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	0,3.10 ⁻³	kg
Effective Piston Area	S	6,2.10 ⁻⁴	m ²
Mass of Speaker	M	0,54	kg

Suggested Applications

Crossover Frequency	Slope	Inductance	Capacitor	Power Handling
Hz	dB / Oct.	mH	μF	W
2000	12	0,36	12	100
3000	6	-	12	80

Le dome titane profilé et la sensibilité exceptionnelle apporte à ce tweeter des capacités de reproduction à très haute puissance avec une réponse très linéaire



Impédance 4 ohms Diamètre bobine..... 25 mm
 Résonance 1050 Hz Hauteur bobine..... 1.7 mm
 Puissance nominale (IEC) 100 W Support aluminium
 Sensibilité (2.83V/1m) 91.0 dB Nb. couches 2

Résistance (DC) 3.8 ohms Membrane titane
 Inductance - mH Saladier..... aluminium
 Xmax ± 0.35 mm Poids 540 gr

Dome a radiation direct pour une dispersion spaciale optimale

