

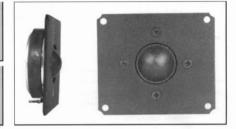


101100

1"- SOFT DOME - 25 mm

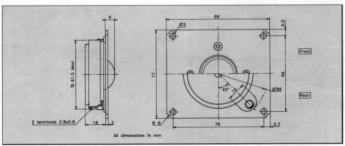
"Catenary" profile Extended frequency response Replaceable voice coil assembly 1" impregnated textile dome Solid aluminium face plate Ferrofluid cooled voice coil

Dôme profil "chainette" Bande passante exceptionnelle Equipage mobile interchangeable Dôme 25 mm textile Face aluminium massif Bobine refroidie par ferrofluide

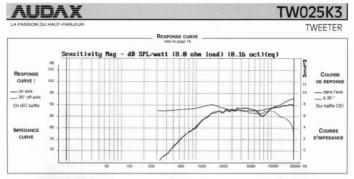


The "catenary" profile on our textile diaphragm provides maximum stiffness at the tip of the dome. The moving mass performs more like a perfect piston with no out of phase break up at the tip. The results are clear, smooth and transparent sound reproduction with 88 dB efficiency from 2 kHz to 20 kHz ± 2 dB and high power handling capacity of 70 Wrms. Easily coupled with 2nd order crossover as shown Fig. 1. Two crossover points are suggested for adequate power handling.

Le profil "chaînette" de ce dôme textile procure une rigidité maximale au sommet du dôme. L'ensemble mobile a donc une comportement proche du piston pariait, sans génération de modes parasites. Il en résulte une reproduction sonore claire, délicate et transparente. Le rendement est de 88 dB de 4 kHz à 20 kHz ± 2 dB, la tenue en puissance importante (70 W rms). Il peut être filtré au second ordre (12 dB/Oct) selon le shéma fig 1. Deux fréquences de coupure sont proposées alin d'obtenir la tenue en puissance adéquate.

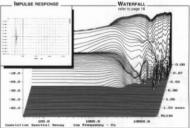


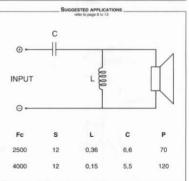
TW025K3 D08TTL8090



Technical Characteristics	Symbol	Value	Units
PRIMARY A			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	1200	Hz
Nominal Power Handling	P	70	W
Sensitivity	E	88	dB
VOIC	E COIL		1000
Voice coil diameter	Ø	25	mm
Minimum Impedance	Zmin	6.6	Ω
DC Resistance	Re	5.8	Ω
Voice Coil Inductance	Lbm	10	μH
Voice coil Length	h	1,6	mm
Former		Aluminium	-
Number of layers	n	2	-
MA	GNET		
Magnet dimensions	Øxh	60 x 10	mm
Magnet weight	m	0,104	kg
Flux density	В	1,2	Т
Force factor	BL	2,3	NA.
Height of magnetic gap	He	3	mm
Stray flux	Fmag	43	Am'
Linear excursion	Xmax	±0,3	mm
PARA	METERS		1200
Suspension Compliance	Cms		mN ⁺
Mechanical Q Factor	Qms		
Electrical Q Factor	Qes		
Total Q Factor	Qts		-
Mechanical Resistance	Rms	-	kg s
Moving Mass	Mms	0,29.10°	kg
Effective Piston Area	S	6,2.10*	m ²
Volume Equivalent of Air at Cas	Vas		ma
Mass of speaker	M	0,250	kg

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





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

Audax may, without prior notification modify the specifications on its products further to research and development requ