

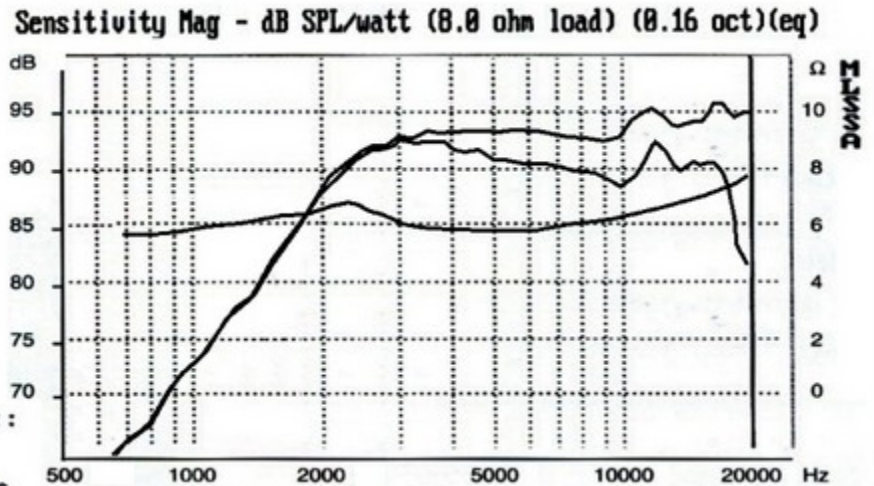
### 14 mm - TITANIUM COMPOSITE DOME

RESPONSE CURVE



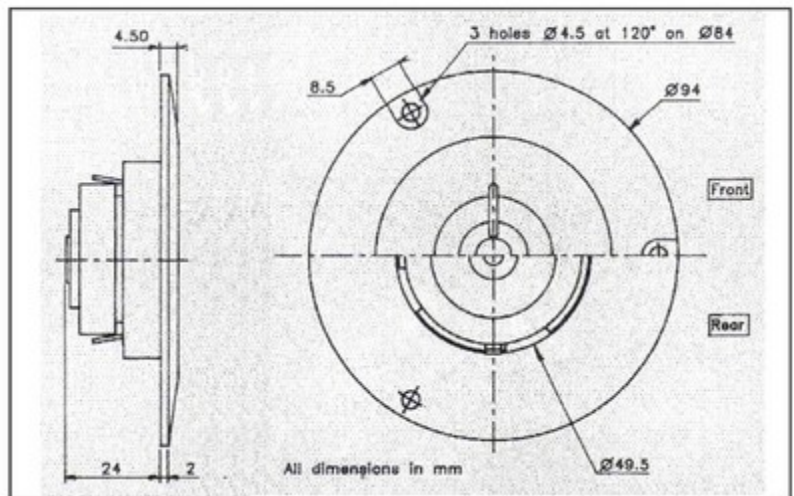
Ion deposited pure Titanium  
 Ferrofluid - cooled voice coil  
 94dB high efficiency  
 High power handling capability  
 High dynamic characteristics

RESPONSE CURVE :  
 — on axis  
 — 30° off-axis

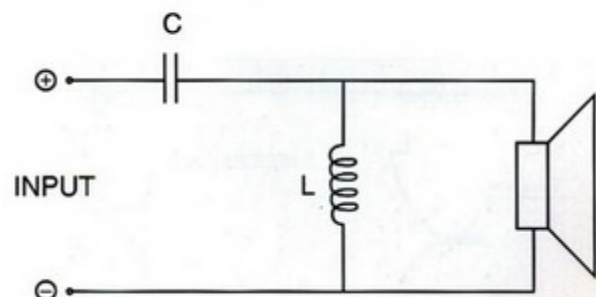


### SPECIFICATIONS

Technical Characteristics	Symbol	Value	Units
<b>PRIMARY APPLICATION</b>			
Nominal Impedance	Z	8	$\Omega$
Resonance Frequency	Fs	2750	Hz
Nominal Power Handling	P	45	W
Sensitivity (2.83V / 1M)	E	94	dB
<b>VOICE COIL</b>			
Voice coil diameter	$\varnothing$	14	mm
Minimum Impedance	Zmin	7.2	$\Omega$
DC Resistance	Re	5.7	$\Omega$
Voice Coil Inductance	Lbm	37	mH
Voice coil Length	h	2	mm
Former	-	-	-
Number of layers	n	2	-
<b>MAGNET</b>			
Magnet dimensions	$\varnothing \times h$	32 x 6	mm
Magnet weight	m	0.017	kg
Flux density	B	1.25	T
Force factor	BL	16	NA <sup>-1</sup>
Height of magnetic gap	He	1.5	mm
Stray flux	Fmag	15	Am <sup>-1</sup>
Linear excursion	Xmax	$\pm 0.25$	mm
<b>PARAMETERS</b>			
Suspension Compliance	Cms	-	mN <sup>-1</sup>
Mechanical Q Factor	Qms	-	-
Electrical Q Factor	Qes	-	-
Total Q Factor	Qts	-	-
Mechanical Resistance	Rms	-	kg s <sup>-1</sup>
Moving Mass	Mms	0.19	g
Effective Piston Area	S	6.6	cm <sup>2</sup>
Volume Equivalent of Air at Cas	Vas	-	Lt
Mass of speaker	M	0.095	kg



SUGGESTED APPLICATIONS



Fc (Hz)	S (dB/Oct)	L (mH)	C (uF)	P (W)
4800	12	0,15	4	45
6000	12	0,12	3,3	70