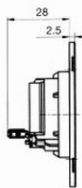


**TWEETER**

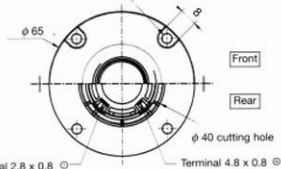
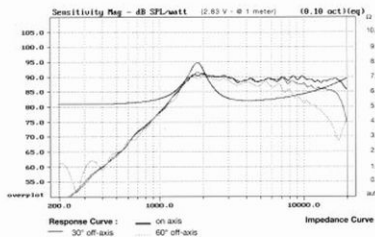
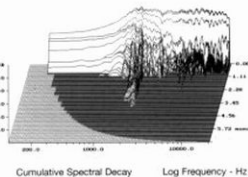
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 102121E

**Hi Fi . Round . Titanium 8 Ω**

- Optimized pure titanium dome profile
- Compact design for small high-end systems
- Smooth response face plate profile
- Ultra light copper clad aluminium wire
- High energy neodymium magnet (20 times ceramic magnet)
- Ferrofluid cooled voice coil (new generation : 250 cps)
- Inherently shielded magnet system for audio / video application
- Soft polymer suspension



All dimensions in mm

4 x  $\phi$  4.5 on  $\phi$  57 at 90°
**Response Curve**

**Waterfall**

**SPECIFICATIONS**

Technical characteristics	Symbol	Value	Units
<b>PRIMARY APPLICATION</b>			
Nominal Impedance	Z	6	$\Omega$
Resonance Frequency	Fs	1788	Hz
Nominal Power Handling	P	40	W
Sensitivity (2.83 V - 1m)	E	89	dB
<b>VOICE COIL</b>			
Voice Coil Diameter	$\phi$	20	mm
Minimum Impedance	Zmin	5.4	$\Omega$
DC Resistance	Dcr	4.84	$\Omega$
Voice Coil Inductance	Lbm	0.02	mH
Voice Coil Length	h	1.7	mm
Former	-	Aluminium	-
Number of Layers	n	2	-
Wire type	-	round	-
Wire material	-	Aluminium	-

**MAGNET**

Magnet Dimensions	a x h	20 x 4	mm
Magnet Weight	m	8.9	g
Flux Density	B	1	T
Force Factor	BL	-	NA <sup>1</sup>
Height of Magnetic Gap	He	0.2	mm
Stray Flux	Fmag	-	Am <sup>2</sup>
Linear Excursion	Xmax	$\pm$ 0.15	mm

**PARAMETERS**

Suspension Compliance	Cms	-	$\mu$ m/N
Mechanical Q Factor	Qms	2.36	-
Electrical Q Factor	Qes	4.52	-
Total Q Factor	Qts	1.53	-
Mechanical Resistance	Rms	-	kg s <sup>-1</sup>
Moving Mass	Mms	-	g
Effective Piston Area	S	3.14	cm <sup>2</sup>
Volume Equivalent of Air at Cas	Vas	-	liters
Mass of Speaker	M	50	g

**Suggested Applications**

Crossover Frequency	Slope	Inductance	Capacitor	Power Handling
Hz	dB / Oct.	mH	$\mu$ F	W
6770	6	-	4,7	40
3250	12	0,3	8	40