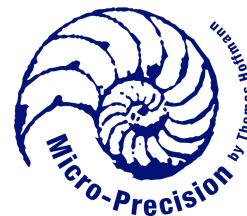


Technical information



Micro Precision Z-Studio 100 Midrange

Features :

Membrane specially made for transparent midrange.
Surroundgeometry CAD constructed for best linearity.
Maximized membrane surface in a small diameter.
Membrane + Coil weight = 2,9 Gramm.

Carefully assembled basket. 100% CNC produced.
No tolerances, no ringing.
Brass dampinglelements.

Maximized venting effects coil and spider.
35 mm interior depth.

This speaker needs filtering highpass > 150 Hz.
With EQ, a fullrange setup from 150 Hz - 18 kHz.

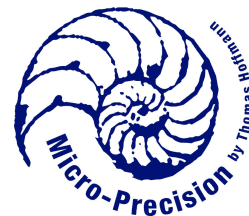


measured with reference equipment @ 2.83V.

Technical Data

Height total	39.5 mm	FS	83 Hz
Outer Diameter	109.5 mm	Moving Mass	3,56 gramm
Cutout Diameter	90.0 mm	Impedance	8 Ω
Interior Depth	34.5 mm	Power handling	Depending on Filter
Drillcircle	103 mm	Voicecoil	GF - CCAW
		Voicecoil diameter	25mm
		Membrane	Z - Optimized for mid's.
		Recommended . Filter	150 - 5.000 Hz.
Weight	610 gr. / Pair	Updated :	9. 2011

Technical information



Micro Precision Z-Studio 100 Midrange

Measure		Unit
Re	8,77	Ω
Fs	83	Hz.
Qes	1,20	-
Qms	6,38	-
Qts	1,01	-
Le	0,26	mH.
VAS	4,03	Liter
Mms	3,56	Gramm
Cms	1019	$\mu\text{M}/\text{Newton}$
Eff.	85	1W. / 1M.
Diam	82	mm.
Rms	0,29	R

Liter	Q	f3
1	1,25	120 Hz
2	1,00	100 Hz
5	0,9	87 Hz
10	0,83	82 Hz
20	0,79	80 Hz
100	0,75	78 Hz
200	-	-
Vented	D/L cm	f3
25	5/12	38 Hz
	7/26	