DRIVER PARAMETERS

REFERENCE: AUDIOM 12 KX

Date: 27/01/1995

Fs:	21,72 Hz	Qts:	0,224	Ces:	421,34 mF
Rcc:	4,00 Ohms	Sd:	530,93 cm²	Les:	127,44 mH
Qes:	0,23	Vas:	243,22 l.	Res:	162,09 Ohms
Qms:	9,32			Cas:	1,73 E-06 m5/N
D:	26 cm	Rms:	1,28 Kg/s	Mas:	31,01 Kg/m4
Mms:	87,4 Gr	Cms:	6.14E-04 m/N	Ras:	454,01 Ohms ac

Bl:	14,4 N/A	N:	1,04 percent
T:	164,79 ms-2	N0:	92,19 dB/W/m
Lvc:	21,5 mm	Hgap:	10,00 mm
Inductance:	1,04 mH		

Fs: Resonance frequency of driver (free air)

Rcc: Dc resistance of driver voice-coil

Qes: Driver Q at Fs considering electrical resistance Rcc only

Qms: Driver Q at Fs considering driver nonelectrical losses only

Qts: Total driver Q at Fs resulting from all driver resistances

D: Effective piston diameter

Sd: Effective projected surface area of driver diaphragm

Mms: Moving mass including air mass

Bl: Motor transduction constant

T: Acceleration Factor

N: Efficiency

No: Sensitivity

Vas: Volume of air having same acoustic compliance as driver suspension

Cas: Acoustic compliance of driver suspension

Mas: Acoustic mass of driver diaphragm assemby including voice coil and air load

Ras: Acoustic resistance of driver suspension losses

Ces: Electrical capacitance representing driver

Les: Electrical inductance representing driver compliance

Res: Electrical resistance representing driver suspension losses

Rms: Mecanical resistance representing driver suspension losses

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

Hgap: Gap Height

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