

DRIVER PARAMETERS

REFERENCE:

6 V 3211 B

Date: 02/07/2008

Fs: 60,35 Hz

Rcc: 6,50 Ohms

Qes: 0,660

Qms: 2,740

D: 13,00 Cm

Mms: 12,32 Gr

Bl: 6,78 N/A

T: 550,56 ms⁻²

Lvc: 12,40 mm

Inductance: 0,56 mH

N: 0,45 percent

NO: 88,52 dB/W/m

Hgap: 6,00 mm

Qts: 0,532

Sd: 132,73 Cm²

Vas: 13,97 Liters

Rms: 1,705 Kg/s

Cms: 5,65E-04 m/N

Ces: 267,78 mF

Les: 25,97 mH

Res: 26,98 Ohms

Cas: 9,95E-08 m⁵/N

Mas: 69,93 Kg/m⁴

Ras: 9677,52 Ohms.ac

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

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

Cas: Acoustic compliance of driver suspension

Mas: Acoustic mass of driver diaphragm assembly 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: Mechanical resistance representing driver suspension losses

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T: Acceleration Factor

N: Efficiency

No: Sensitivity

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

Hgap: Gap Height

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