

DRIVER PARAMETERS

REFERENCE:

6 V 3253C

Date: 02/07/2008

Fs: 86,20 Hz

Qts: 0,840

Ces: 289,46 mF

Rcc: 6,57 Ohms

Sd: 136,85 Cm²

Les: 11,78 mH

Qes: 1,030

Vas: 8,86 Liters

Res: 28,96 Ohms

Qms: 4,540

Cas: 6,31E-08 m⁵/N

D: 13,20 Cm

Rms: 1,207 Kg/s

Mas: 54,04 Kg/m⁴

Mms: 10,12 Gr

Cms: 3,37E-04 m/N

Ras: 6446,68 Ohms.ac

Bl: 5,91 N/A

T: 584,28 ms⁻²

Lvc: 9,00 mm

Inductance: 0,00 mH

N: 0,53 percent

NO: 89,25 dB/W/m

Hgap:



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 resistance

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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DRIVER PARAMETERS

T: Acceleration Factor

N: Efficiency

No: Sensitivity

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

Hgap: Gap Height

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