

DRIVER PARAMETERS

REFERENCE:

6 V 4211

Date: 02/07/2008

Fs: 60,86 Hz

Rcc: 6,60 Ohms

Qes: 0,560

Qms: 3,040

D: 13,00 Cm

Mms: 11,96 Gr

Bl: 7,34 N/A

T: 613,86 ms⁻²

Lvc: 12,40 mm

Inductance: 0,55 mH

N: 0,55 percent

NO: 89,40 dB/W/m

Hgap: 6,00 mm

Qts: 0,473

Sd: 132,73 Cm²

Vas: 14,15 Liters

Rms: 1,504 Kg/s

Cms: 5,72E-04 m/N

Ces: 221,89 mF

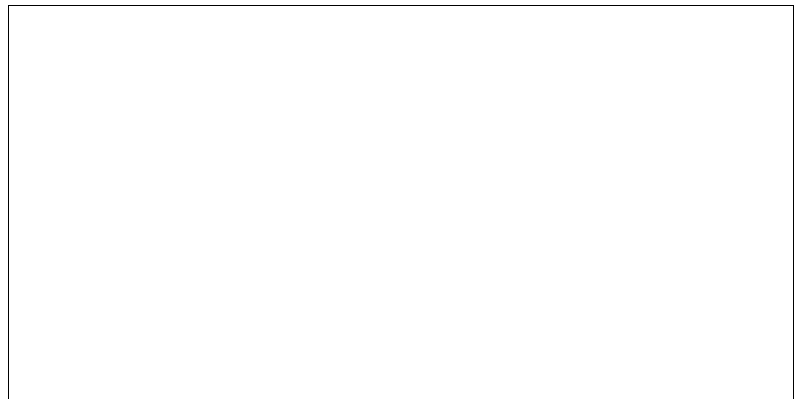
Les: 30,82 mH

Res: 35,83 Ohms

Cas: 1,01E-07 m⁵/N

Mas: 67,89 Kg/m⁴

Ras: 8539,18 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 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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T: Acceleration Factor

N: Efficiency

No: Sensitivity

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

Hgap: Gap Height

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