

# 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 Cm<sup>2</sup>

**Les:** 11,78 mH

**Qes:** 1,030

**Vas:** 8,86 Liters

**Res:** 28,96 Ohms

**Qms:** 4,540

**Cas:** 6,31E-08 m<sup>5</sup>/N

**D:** 13,20 Cm

**Rms:** 1,207 Kg/s

**Mas:** 54,04 Kg/m<sup>4</sup>

**Mms:** 10,12 Gr

**Cms:** 3,37E-04 m/N

**Ras:** 6446,68 Ohms.ac

**Bl:** 5,91 N/A

**T:** 584,28 ms<sup>-2</sup>

**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 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

# FOCAL

# **DRIVER PARAMETERS**

T: Acceleration Factor

N: Efficiency

No: Sensitivity

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

Hgap: Gap Height

# **FOCAL**