

# DRIVER PARAMETERS

## REFERENCE:

6 W 3253B

Date: 02/07/2008

**Fs:** 51,89 Hz

**Qts:** 0,541

**Ces:** 311,36 mF

**Rcc:** 6,60 Ohms

**Sd:** 136,85 Cm<sup>2</sup>

**Les:** 30,21 mH

**Qes:** 0,670

**Vas:** 21,59 Liters

**Res:** 27,58 Ohms

**Qms:** 2,800

**Cas:** 1,54E-07 m<sup>5</sup>/N

**D:** 13,20 Cm

**Rms:** 1,334 Kg/s

**Mas:** 61,19 Kg/m<sup>4</sup>

**Mms:** 11,46 Gr

**Cms:** 8,21E-04 m/N

**Ras:** 7125,49 Ohms.ac

**Bl:** 6,07 N/A

**T:** 529,39 ms<sup>-2</sup>

**Lvc:** 12,40 mm

**Inductance:** 0,57 mH

**N:** 0,43 percent

**NO:** 88,38 dB/W/m

**Hgap:** 5,00 mm



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

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