

# DRIVER PARAMETERS

## REFERENCE:

6 K 4311

Date: 02/07/2008

**Fs:** 56,80 Hz

**Rcc:** 6,88 Ohms

**Qes:** 0,460

**Qms:** 7,910

**D:** 13,00 Cm

**Mms:** 11,71 Gr

**Bl:** 7,91 N/A

**T:** 675,15 ms<sup>-2</sup>

**Lvc:** 16,00 mm

**Inductance:** 0,69 mH

**N:** 0,64 percent

**NO:** 90,04 dB/W/m

**Hgap:** 6,00 mm

**Qts:** 0,435

**Sd:** 132,73 Cm<sup>2</sup>

**Vas:** 16,59 Liters

**Rms:** 0,528 Kg/s

**Cms:** 6,70E-04 m/N

**Ces:** 187,34 mF

**Les:** 41,91 mH

**Res:** 118,31 Ohms

**Cas:** 1,18E-07 m<sup>5</sup>/N

**Mas:** 66,47 Kg/m<sup>4</sup>

**Ras:** 2998,85 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

# FOCAL

# **DRIVER PARAMETERS**

T: Acceleration Factor

N: Efficiency

No: Sensitivity

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

Hgap: Gap Height

# **FOCAL**