



T&S PARAMETERS

$F(s) = 35 \text{ Hz}$
 $Q(ms) = 6.224$
 $V(as) = 250 \text{ liters}$
 $M(ms) = 195 \text{ grams}$
 $R(ms) = 6.92 \text{ kg/s}$
 $S(d) = 1288 \text{ sq.cm}$
 $V(d) = 1.28 \text{ liters}$
 $R(e) = 5.57 \text{ ohms}$
 $Q(es) = 0.497$
 $C(ms) = 0.101 \text{ mm/N}$
 $Q(ts) = 0.46$
 $L(e) \text{ 1kHz} = 1.73 \text{ mH}$
 $BL = 22$
 $n(0) = 2.08\%$

FEATURES

High excursion design
 Deep, clean and punchy sound
 DCS (Deflective Cooling System)
 Water resistant cone
 Optimized parameters for compact cabinets

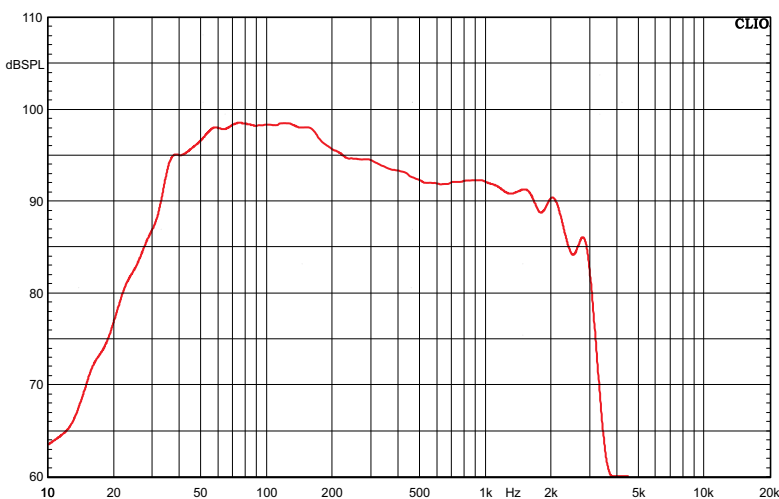
SPECIFICATIONS

Nominal diameter = 460mm (18 inch)
 Nominal Impedance = 8 ohms
 Power handling = 1000W RMS (AES Standard)
 Sensitivity = 98 dB / 1W / 1m
 Voice coil diameter = 3.6 inch (91mm)
 Voice coil height Hvc = 25mm
 Voice coil air gap Hag = 10mm
 $X_{max} (Hvc-Hag)/2 + Hag/4 = \pm 10\text{mm}$
 $X_{mech} \text{ (peak-peak)} = 46\text{mm}$
 Voice coil winding = 2 layers IN / OUT
 Voice coil material = 240°C Thermal Class Copper
 Voice coil former = DUPONT® GFB fiberglass
 Suspension = Triple roll, impregnated fabric
 Spider = single, cold formed NOMEX®
 Cone = fiber loaded treated paper
 Chassis = Die Cast Aluminum
 Magnet = Ø200mm Y35 Ferrite

MOUNTING & SHIPPING

Overall diameter = 470 mm
 Bolt circle diameter = 445 mm
 Baffle cutout diameter = 422 mm
 Flange and gasket thickness = 13 mm
 Overall depth = 210 mm
 Net weight = 9.7 kg
 Shipping weight = 12 kg
 Shipping box = 460x460x280 mm

FREQUENCY RESPONSE



Important remarks:

1. Power handling is 2 hours test according to AES 2-1984 Rev. 2003
2. X_{mech} is maximum excursion before damage
3. Thiele-Small parameters are measured after 2 hours of high level 20 Hz sine wave pre-conditioning test.
4. Manufacturing tolerance: $F_s \pm 5\text{Hz}$ and $R_e \pm 0.4 \text{ ohm}$

