



T&S PARAMETERS

$F(s) = 35 \text{ Hz}$
 $Q(ms) = 10.325$
 $V(as) = 206 \text{ liters}$
 $M(ms) = 218 \text{ grams}$
 $R(ms) = 4.568 \text{ kg/s}$
 $S(d) = 1225 \text{ sq.cm}$
 $V(d) = 1.225 \text{ liters}$
 $R(e) = 5.7 \text{ ohms}$
 $Q(es) = 0.431$
 $C(ms) = 0.0962 \text{ mm/N}$
 $Q(ts) = 0.416$
 $L(e) \text{ 1kHz} = 1.98 \text{ mH}$
 $BL = 24.9$
 $n(0) = 2.01\%$

FEATURES

Long excursion, Low distortion design
 Deep, clean and punchy sound
 Water resistant KEVLAR® loaded paper cone
 Optimized parameters for compact cabinets

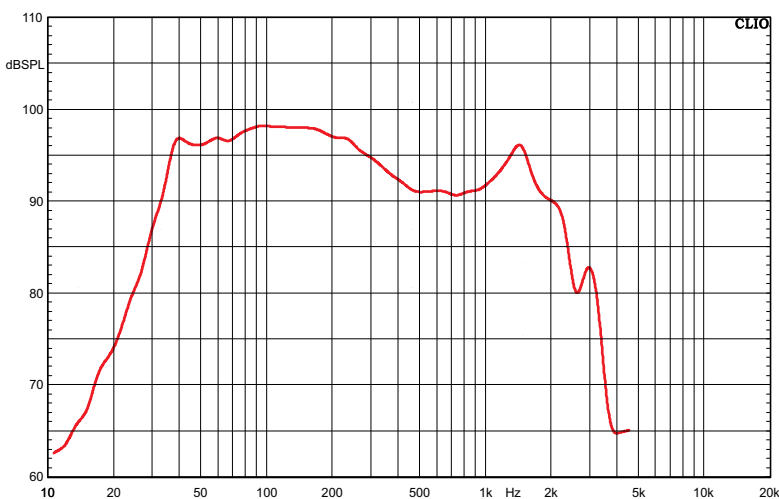
SPECIFICATIONS

Nominal diameter = 460mm (18 inch)
 Nominal Impedance = 8 ohms
 Power handling = 1200W RMS (AES Standard)
 Sensitivity = 97 dB / 1W / 1m
 Voice coil diameter = 4 inch (100mm)
 Voice coil height H_{vc} = 26mm
 Voice coil air gap H_{ag} = 12mm
 $X_{max} (H_{vc}-H_{ag})/2 + H_{ag}/4 = \pm 10\text{mm}$
 X_{mech} (peak-peak) = 50mm
 Voice coil winding = 2 layers IN / OUT
 Voice coil material = 240°C Thermal Class Copper
 Voice coil former = BAF fiberglass
 Suspension = Triple roll, impregnated fabric
 Spider = dual with silicon damping, NOMEX®
 Cone = fiber loaded, waterproof treated paper
 Chassis = Die Cast Aluminum
 Magnet = Ø220mm 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 = 212 mm
 Net weight = 13 kg
 Shipping weight = 15 kg
 Shipping box = 500x455x265 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 $R_e \pm 0.4 \text{ ohm}$

