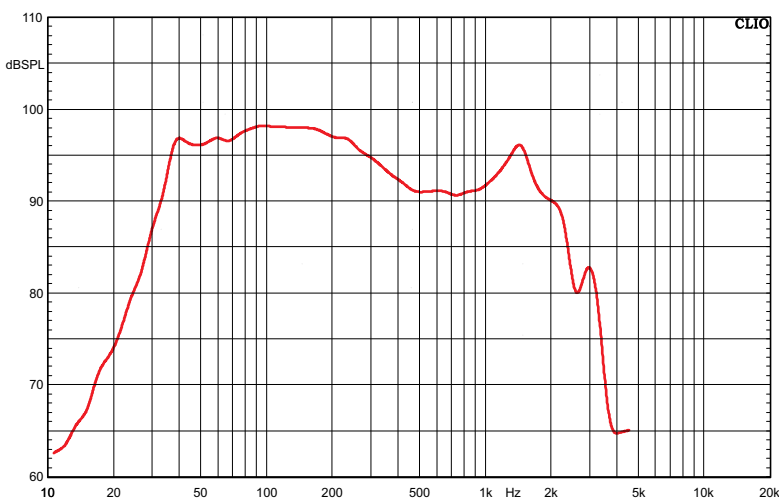




### T&S PARAMETERS

$F(s) = 35 \text{ Hz}$   
 $Q(ms) = 10.351$   
 $V(as) = 205 \text{ liters}$   
 $M(ms) = 215 \text{ grams}$   
 $R(ms) = 4.568 \text{ kg/s}$   
 $S(d) = 1225 \text{ sq.cm}$   
 $V(d) = 1.225 \text{ liters}$   
 $R(e) = 5.7 \text{ ohms}$   
 $Q(es) = 0.427$   
 $C(ms) = 0.0962 \text{ mm/N}$   
 $Q(ts) = 0.412$   
 $L(e) \text{ 1kHz} = 1.98 \text{ mH}$   
 $BL = 25.1$   
 $n(0) = 2.03\%$

### FREQUENCY RESPONSE



#### Important remarks:

1. Power handling is 2 hours test according to AES 2-1984 Rev. 2003
2. X<sub>mech</sub> 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<sub>s</sub> +/- 5Hz and R<sub>e</sub> +/- 0.4 ohm

### FEATURES

Long excursion, Low distortion design  
 Deep, clean and punchy sound  
 DCS (Deflective Cooling System)  
 Water resistant Kevlar<sup>®</sup> 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<sub>vc</sub> = 26mm  
 Voice coil air gap H<sub>ag</sub> = 12mm  
 $X_{max} (H_{vc}-H_{ag})/2 + H_{ag}/4 = \pm 10\text{mm}$   
 $X_{mech} \text{ (peak-peak)} = 50\text{mm}$   
 Voice coil winding = 2 layers IN / OUT  
 Voice coil material = 240°C Thermal Class Copper  
 Voice coil former = DUPONT<sup>®</sup> GFB fiberglass  
 Suspension = Triple roll, impregnated fabric  
 Spider = dual with silicon damping, NOMEX<sup>®</sup>  
 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 = 460x460x280 mm

