



### T&S PARAMETERS

$F(s) = 44 \text{ Hz}$   
 $Q(ms) = 9.304$   
 $V(as) = 126 \text{ liters}$   
 $M(ms) = 108 \text{ grams}$   
 $R(ms) = 3.21 \text{ kg/s}$   
 $S(d) = 855 \text{ sq.cm}$   
 $V(d) = 0.727 \text{ liters}$   
 $R(e) = 5.4 \text{ ohms}$   
 $Q(es) = 0.495$   
 $C(ms) = 0.121 \text{ mm/N}$   
 $Q(ts) = 0.47$   
 $L(e) \text{ 1kHz} = 1.26 \text{ mH}$   
 $BL = 18.05$   
 $n(0) = 2.09\%$

### FEATURES

Balanced tonality ideal for 2-way speakers  
 High efficiency  
 Water resistant KEVLAR® loaded paper cone  
 Optimized parameters for compact cabinets

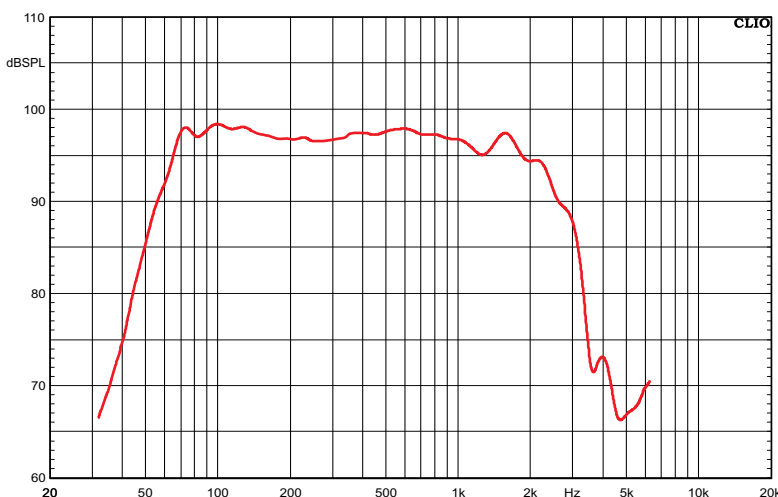
### SPECIFICATIONS

Nominal diameter = 380mm (15 inch)  
 Nominal Impedance = 8 ohms  
 Power handling = 800W RMS (AES Standard)  
 Sensitivity = 98 dB / 1W / 1m  
 Voice coil diameter = 3.6 inch (91mm)  
 Voice coil height  $H_{vc}$  = 22mm  
 Voice coil air gap  $H_{ag}$  = 10mm  
 $X_{max} (H_{vc}-H_{ag})/2 + H_{ag}/4 = \pm 8.5\text{mm}$   
 $X_{mech} \text{ (peak-peak)} = 44\text{mm}$   
 Voice coil winding = 2 layers IN / OUT  
 Voice coil material = 240°C Thermal Class CCAW  
 Voice coil former = DUPONT® GFB fiberglass  
 Suspension = Triple roll, impregnated fabric  
 Spider = single, cold formed NOMEX®  
 Cone = fiber loaded, waterproof treated paper  
 Chassis = Die Cast Aluminum  
 Magnet = Ø200mm Y35 Ferrite

### MOUNTING & SHIPPING

Overall diameter = 400 mm  
 Bolt circle diameter = 378 mm (8\*M5)  
 Baffle cutout diameter = 353 mm  
 Flange and gasket thickness = 10 mm  
 Overall depth = 164 mm  
 Net weight = 8.5 kg  
 Shipping weight = 10 kg  
 Shipping box = 410x410x235 mm

### FREQUENCY RESPONSE



Woofer inside recommended cabinet (75 liters tuned at 50Hz), 2PI

#### 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  $R_e \pm 0.4 \text{ ohm}$

