

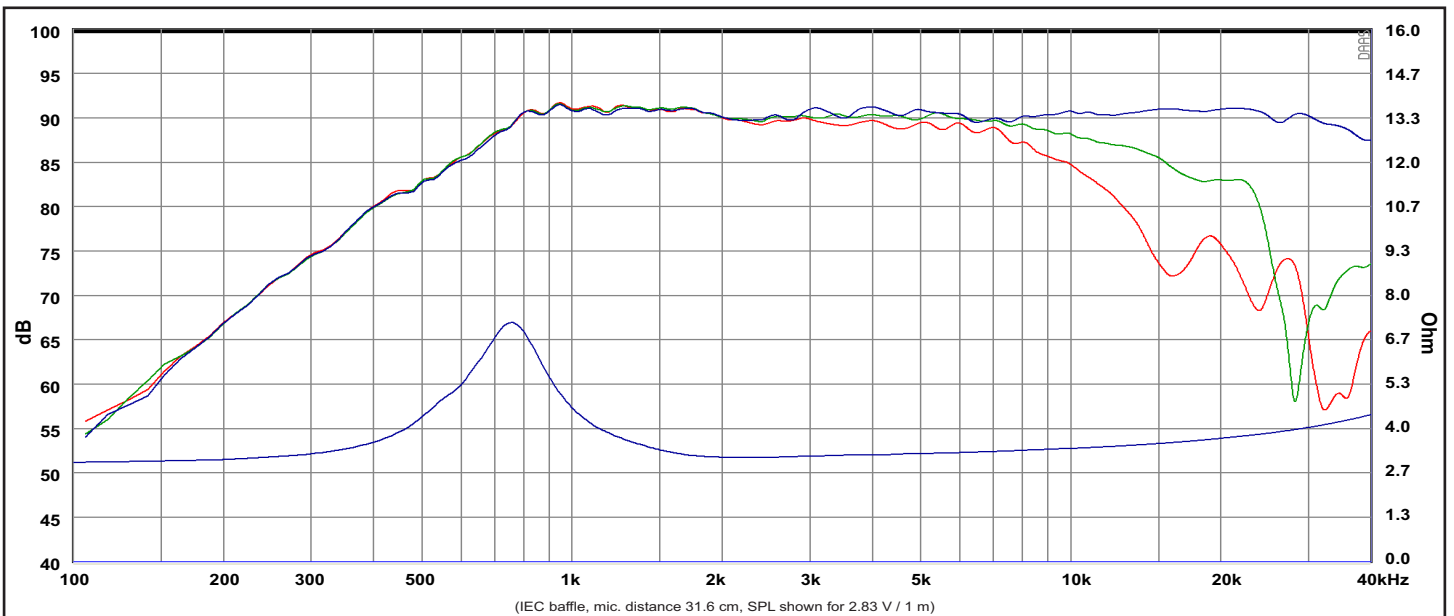
### FEATURES

- Non-resonant diaphragm design for minimum high frequency break-up
- Dual balanced compression chamber for improved dynamics
- Copper cap for reduced voice coil inductance and minimum phase shift
- Saturation controlled motor system for low distortion
- Non-reflective rear chamber with optimized damping for improved dynamics
- Flow optimized vented pole piece for optimum coupling to rear chamber
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency

### Specs :

|                                 |                     |                               |         |
|---------------------------------|---------------------|-------------------------------|---------|
| Nominal Impedance               | 4 $\Omega$          | Free air resonance, $F_s$     | 760 Hz  |
| DC resistance, $R_e$            | 3.1 $\Omega$        | Sensitivity (2.83 V / 1 m)    | 90 dB   |
| Voice coil inductance, $L_e$    | 0.04 mH             | Mechanical Q-factor, $Q_{ms}$ | 2.54    |
| Effective piston area, $S_d$    | 4.6 cm <sup>2</sup> | Electrical Q-factor, $Q_{es}$ | 1.64    |
| Voice coil diameter             | 20.4 mm             | Total Q-factor, $Q_{ts}$      | 1.0     |
| Voice coil height               | 1.5 mm              | Force factor, $Bl$            | 1.5 Tm  |
| Air gap height                  | 2.5 mm              | Rated power handling*         | 40 W    |
| Linear coil travel (p-p)        | 1.0 mm              | Magnetic flux density         | 1.02 T  |
| Moving mass incl. air, $M_{ms}$ | 0.25 g              | Magnet weight                 | 0.13 kg |
|                                 |                     | Net weight                    | 0.33 kg |

\* IEC 268-5, high-pass Butterworth, 2600 Hz, 12 dB/oct.



Response Curve :  
 — (Blue) : on axis      - - - ( Green ) : 30° off-axis      - - - ( Red ) : 60° off-axis

REV.0 (04.04.2016)