

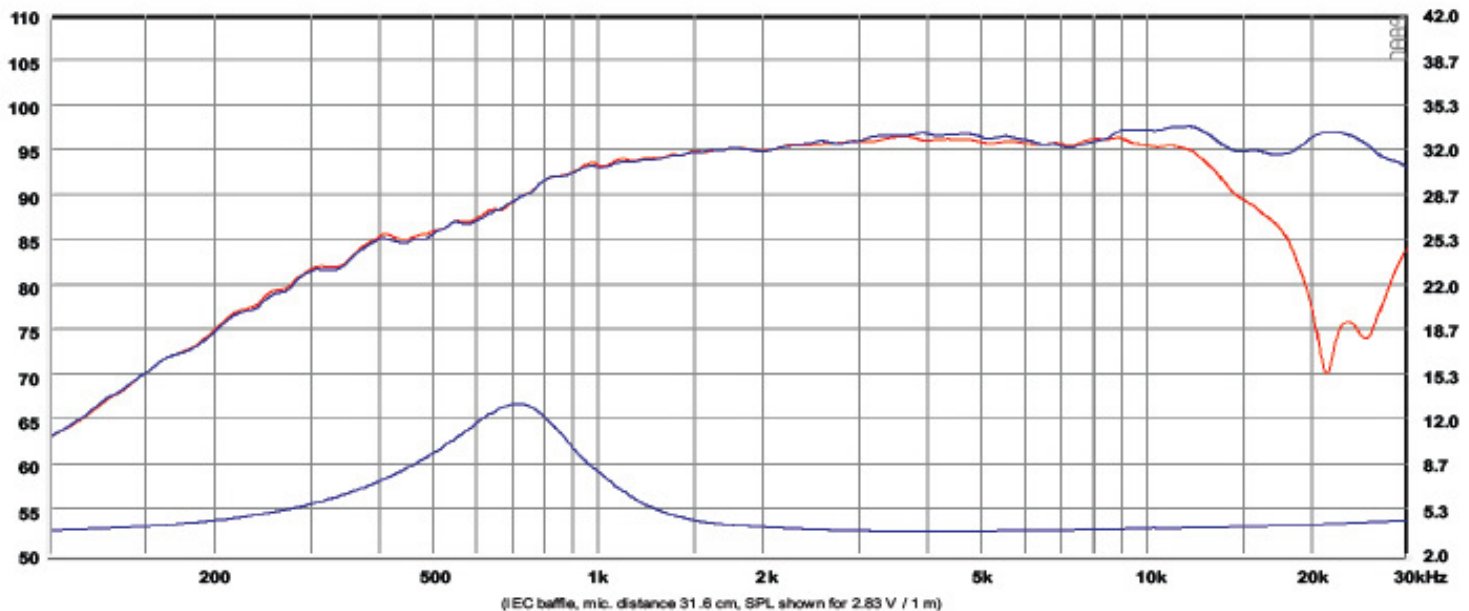
FEATURES

- Non-resonant diaphragm design for minimum high frequency break-up
- Two part aluminum faceplate with integrated mechanical decoupling
- Dual balanced compression chambers for improved dynamics
- Dual copper caps for absolute minimum voice coil inductance and minimum phase shift
- High saturation neodymium motor system with T-shaped pole piece for lower distortion
- Non-reflective cast aluminum chamber with optimized damping for improved dynamics
- Shallow flow optimized magnet structure for optimum coupling to rear chamber
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency for extended range

Specs :

| | | | |
|----------------------------|---------------------|----------------------------|---------|
| Nominal Impedance | 4 Ω | Free air resonance, Fs | 700 Hz |
| DC resistance, Re | 3.0 Ω | Sensitivity (2.83 V / 1 m) | 96 dB |
| Voice coil inductance, Le | 0.02 mH | Mechanical Q-factor, Qms | 2.1 |
| Effective piston area, Sd | 9.6 cm ² | Electrical Q-factor, Qes | 0.65 |
| Voice coil diameter | 29 mm | Total Q-factor, Qts | 0.49 |
| Voice coil height | 2.0 mm | Force factor, Bl | 3.1 Tm |
| Air gap height | 2.5 mm | Rated power handling* | 80 W |
| Linear coil travel (p-p) | 0.5 mm | Magnetic flux density | 1.5 T |
| Moving mass incl. air, Mms | 0.44 g | Magnet weight | 0.10 kg |
| | | Net weight | 0.4 kg |

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



Response Curve :

— (Blue) : on axis — (Red) : 30 off-axis