A A classical paper cone and matching natural rubber surround produce a smooth response and reduce potential resonance problems.

A four layer voice coil provides a well behaved roll off characteristic.
The magnet system has a T-shaped cross section of the pole piece for low modulation distortion.

Extremely stiff and stable injection moulded metal basket keeps the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflexion, air flow noise and cavity resonance to a minimum.


| Nominal Impedance | 8 Ohms | Voice Coil Resistance | 6.1 Ohms |
| :---: | :---: | :---: | :---: |
| Recommended Frequency Range | 30-1500 Hz | Voice Coil Inductance | 3.37 mH |
| Short Term Power Handling* | 300 W | Force Factor | 9.6 N/A |
| Long Term Power Handling * | 80 W | Free Air Resonance | 25 Hz |
| Characteristic Sensitivity (2.83V, 1m) | 89 dB | Moving Mass | 39.4 g |
| Voice Coil Diameter | 39 mm | Air Load Mass In IEC Baffle | 3.8 g |
| Voice Coil Height | 14 mm | Suspension Compliance | $0.9 \mathrm{~mm} / \mathrm{N}$ |
| Air Gap Height | 6 mm |  | $1.29 \mathrm{Ns} / \mathrm{m}$ |
| Linear Coil Travel ( $\mathrm{p}-\mathrm{p}$ ) | 8 mm | Effective Piston Area | $350 \mathrm{~cm}^{2}$ |
| Maximum Coil Travel (p-p) | 20 mm | VAS | 161 Litres |
| Magnetic Gap Flux Density | 0.9 T | QMS | 5.28 |
| Magnet Weight | 0.42 kg | QES | 0.45 |
| Total Weight | 2.15 kg | QTS | 0.41 |

Feb 2006-1

