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|--------------------------------|----------------------|
| Nominal Diameter | 13 cm / 5 " |
| Rated Impedance | 8 |
| Reference efficiency (1W @ 1m) | 92 dB SPL |
| Power Handling Capacity | 100 W AES |
| SPL max (continuous) | 108 dB SPL |
| Usable frequency range | 110 - 4000 Hz |
| Speaker net mass | 2.02 kg |

Architecture highlights :

- Noiseless natural convection Intercooling System
- Ferrite magnet system with symmetric BL(x) and Le(x)
- High excursion fabric surround
- Lightweight basket



| Motor architecture | | | |
|---------------------|----|--|----|
| Voice coil diameter | mm | | 38 |
| Voice coil length | mm | | 12 |
| Air gap height | mm | | 6 |

| Typical characteristics | | | |
|--------------------------------|--------------------|--------------|------------|
| Rated impedance | Z | Ω | 8 |
| Half space sensitivity (1W@1m) | - | dB SPL | 92 |
| Usable freq. range | - | Hz | 110 - 4000 |
| Power handling capacity (AES) | - | W | 100 |
| Max Sound Pressure Level | SPL _{max} | dB SPL | 108 |
| Min. impedance modulus | Z _{min} | Ω @Hz | 6.3@600 |
| Voice-coil inductance @ 1kHz | Le _{1k} | mH | 0.619 |
| Voice-coil inductance @ 10kHz | Le _{10k} | mH | 0.240 |
| BL product | BL | N/A | 8.4 |
| Moving mass | Mms | kg | 0.009 |

| Thiele-Small parameters | | | |
|----------------------------|----------------------|---------------------------|-------------------|
| Resonance frequency | Fs | Hz | 130 (± 20) |
| DC Resistance | Re | Ω | 5.7 (± 0.6) |
| Mechanical quality factor | Qms | | 3.78 |
| Electrical quality factor | Qes | | 0.58 |
| Total quality factor | Qts | | 0.50 |
| Suspension compliance | Cms | 10^{-6} .m/N | 170 |
| Effective piston area | Sd | m ² | 0.0106 |
| Equivalent Cas air load | Vas | m ³ | 0.0027 |
| Max linear excursion | Xmax | mm | ± 4.5 |
| Linear displacement volume | Vd | 10^{-3} .m ³ | 0.0476 |
| Reference efficiency | η_0 | % | 1.0 |
| Unity load volume | Vas.Qts ² | 10^{-3} .m ³ | 0.7 |

| Absolute maximum ratings | | | |
|-------------------------------|------|--------------|------------|
| Short term max. input voltage | Vmax | V | 55 |
| Max.excursion before damage | Xdam | mm | ± 12 |
| Ambient operating temperature | Ta | $^{\circ}$ C | -10 to +50 |
| Storage temperature | | $^{\circ}$ C | -20 to +70 |
| Environmental withstanding | | | Outdoor+ |

| Mounting information | | |
|------------------------------------------|---------------------------|----------|
| Air volume occupied by the driver | 10^{-3} .m ³ | 0.38 |
| Speaker net mass | kg | 2.02 |
| Baffle cut-out diameter (front mounting) | mm | 124.50 |
| Bolt number & Metric diameter | - | 4x M5 |
| Bolt circle diameter | mm | 147.00 |
| Max overall dimension (on ears) | mm | 163.0 |
| Max overall dimension (out of ears) | mm | 136.0 |
| Flange height | mm | 12.50 |
| Max magnet diameter | mm | 117.50 |
| Max depth (front mounting) | mm | 75.00 |
| Recommended reflex box | Lts / Hz | 5L/110Hz |
| Electrical connection | 6.35x0.8 + 4.8x0.5 FASTON | |

