

GENERAL CHARACTERISTICS

| | | |
|-----------------------------------|------|----|
| Nominal Overall Diameter | 259 | mm |
| Nominal Voice Coil Diameter | 38 | mm |
| Magnet Weight | 640 | g |
| Flux Density | 1.16 | T |

THIELE-SMALL PARAMETERS

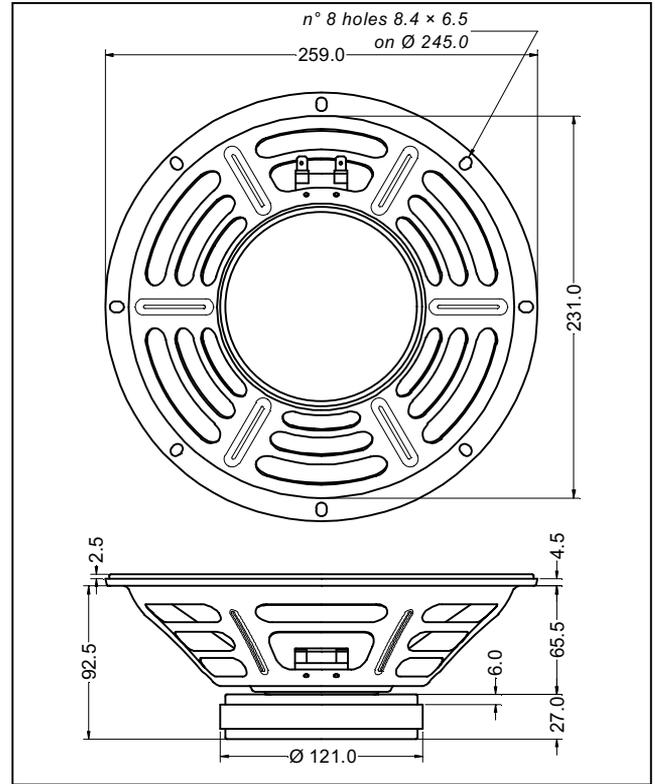
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|------------------------------------|--------------|-------|-----------------|
| Voice Coil DC Resistance | R_E | 5.00 | Ω |
| Resonance Frequency | f_s | 99.0 | Hz |
| Mechanical Q Factor | Q_{MS} | 16.28 | |
| Electrical Q Factor | Q_{ES} | 0.73 | |
| Total Q Factor | Q_{TS} | 0.69 | |
| Mechanical Moving Mass | M_{MS} | 19.8 | g |
| Mechanical Compliance | C_{MS} | 129.0 | μm/N |
| Force Factor | $B \times l$ | 9.24 | Wb/m |
| Equivalent Acoustic Volume | V_{AS} | 19.8 | lt. |
| Maximum Linear Displacement ... | X_{MAX} | 1.50 | mm |
| Reference Efficiency | η_0 | 2.58 | % |
| Diaphragm Area | S_D | 330.0 | cm ² |
| Losses Electrical Resistance | R_{ES} | 112.0 | Ω |
| Voice Coil Inductance @ 1kHz | L_E | 0.52 | mH |

CONSTRUCTIVE CHARACTERISTICS

| | |
|--------------------------|---------------------|
| Magnet | Ferrite |
| Voice Coil Winding | Copper |
| Voice Coil Former | Epotex |
| Cone | Paper |
| Surround | Integrated Paper |
| Dust Dome | Non Treated Cloth |
| Basket | Pressed Sheet Steel |

ELECTRICAL CHARACTERISTICS

| | | |
|---|------|----|
| Nominal Impedance | 8 | Ω |
| Rated Power (DIN 45573 - IEC 268.5) | 70 | W |
| Musical Power (DIN 45500) | 140 | W |
| Sensitivity @ 1 W, 1 m | 98.2 | dB |



Frequency Response on IEC Baffle (DIN 45575) @ 1 W, 1 m - Impedance

