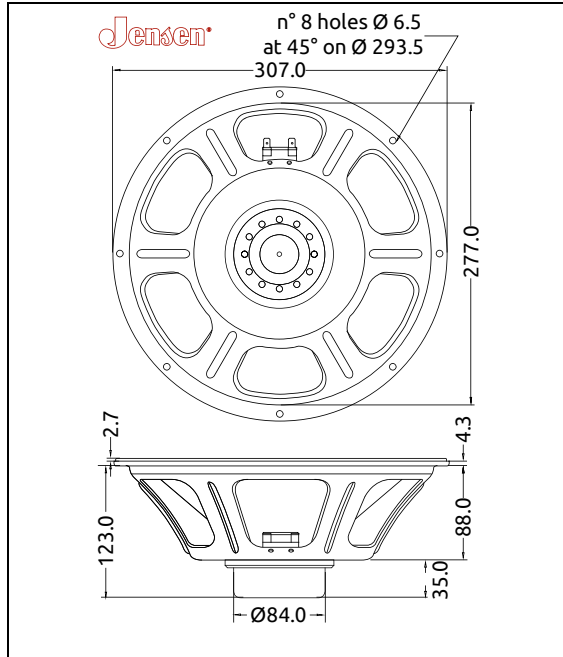


| GENERAL CHARACTERISTICS | | |
|-----------------------------|---------|----------|
| Nominal Overall Diameter | 307 mm. | 12 in. |
| Nominal Voice Coil Diameter | 50 mm. | 2.00 in. |
| Magnet Weight | 200 g | 7.00 oz |
| Overall Weight | | 4.41 lbs |
| Flux Density | | 1.20 T |
| Voice Coil Winding Depth | | 0.39 in. |
| Magnetic Gap Depth | | 0.31 in. |

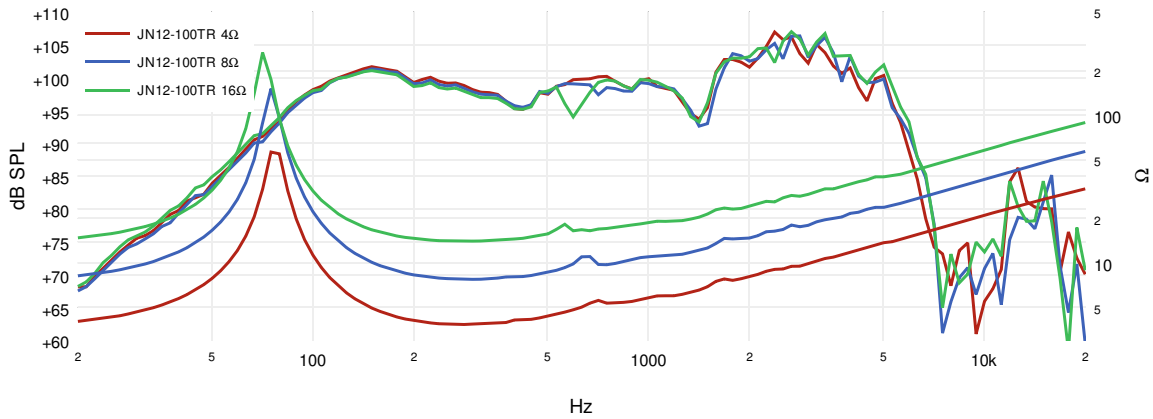
| THIELE-SMALL PARAMETERS | | | | |
|------------------------------|--------------|-------|-------|-----------------------|
| | | 4Ω | 8Ω | 16Ω |
| Voice Coil DC Resistance | R_E | 3.31 | 6.81 | 13.12 Ω |
| Resonance Frequency | f_S | 76.5 | 72.0 | 70.0 Hz |
| Mechanical Q Factor | Q_{MS} | 11.08 | 9.51 | 14.28 |
| Electrical Q Factor | Q_{ES} | 0.61 | 0.63 | 0.74 |
| Total Q Factor | Q_{TS} | 0.58 | 0.52 | 0.70 |
| Mechanical Moving Mass | M_{MS} | 31.2 | 29.9 | 31.9 g |
| Mechanical Compliance | C_{MS} | 138 | 163 | 163 μm/N |
| Force Factor | $B \times L$ | 9.02 | 12.93 | 15.72 Wb/m |
| Equivalent Acoustic Volume | V_{AS} | 47.2 | 55.9 | 55.7 lt. |
| Maximum Linear Displacement | X_{MAX} | 1.00 | 1.00 | 1.00 mm |
| Reference Efficiency | η_0 | 3.33 | 2.82 | 2.45 % |
| Diaphragm Area | S_D | 490.9 | 490.9 | 490.9 cm ² |
| Losses Electrical Resistance | R_{ES} | 60.0 | 148.9 | 252.5 Ω |
| Voice Coil Inductance @ 1kHz | L_E | 0.45 | 0.70 | 1.16 mH |

| CONSTRUCTIVE CHARACTERISTICS | |
|------------------------------|---------------------|
| Magnet | Neodymium |
| Voice Coil Winding | Copper |
| Voice Coil Former | Nomex |
| Cone Material | Paper |
| Surround Material | Integrated Paper |
| Dust Dome Material | Non-treated Cloth |
| Basket Material | Pressed Sheet Steel |
| Surround Treatment | Yes |

| ELECTRICAL CHARACTERISTICS | | | |
|----------------------------|------|------|---------|
| | 4Ω | 8Ω | 16Ω |
| Nominal Impedance | 4 | 8 | 16 Ω |
| Rated Power | 100 | 100 | 100 W |
| Musical Power | 200 | 200 | 200 W |
| Sensitivity@1W,1m | 98.2 | 98.5 | 97.0 dB |



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



Due to continuing product improvement, the features and the design are subject to change without notice.