

Model: R1S412
Type: SVC Subwoofer
Power Rating: 150 Watts
Impedance: 4 ohms



Features

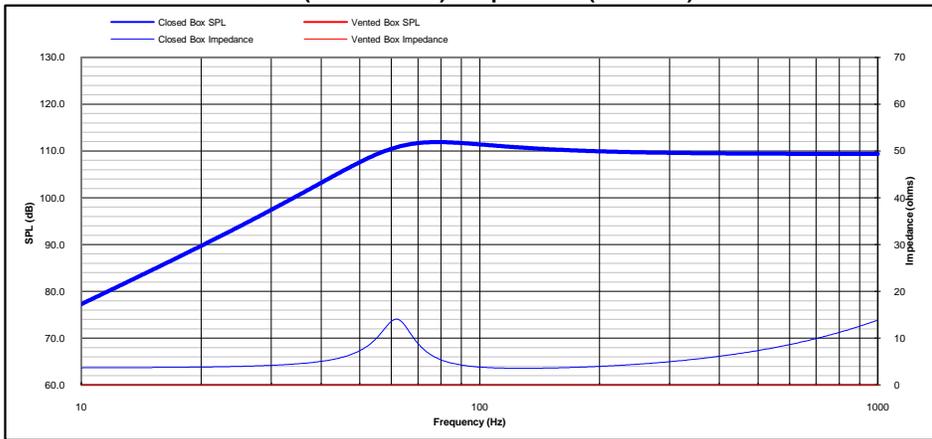
Recommended Applications

| Enclosure | Volume (Vb) | | Tuning(Fb) | System | -3dB (F3) | Port Dia. | | Port Length | |
|-----------|-------------|--------|------------|--------|-----------|-----------|----|-------------|----|
| | Liters | cu.ft. | Hz | (Qtc) | Hz | in. | mm | in. | mm |
| Sealed: | 28.3 | 1.00 | 46.6 | 1.18 | 46.9 | - | - | - | - |

Thiele-Small Specifications

- Fs (Hz): 21.6
- Re (Ohms): 3.39
- Le (mH): 2.2
- Qts: 0.49
- Qes: 0.55
- Qms: 4.76
- Cms (mm/N): 0.50
- Vas (L): 197.2
- Mms (g): 109.2
- Mmd (g): 102.3
- Rms (kg/s): 3.1
- Airload (g): 6.9
- No (%): 0.35
- SPL (dB - 1W/1M): 87.7
- BL (T*M): 9.6
- *Xmax₁₀ (mm): 6.3
- Sd (cm²): 530
- EBP: 39.47
- Krm (mOhms): 0.00
- Erm: 0.88
- Kxm (mH): 0.0
- Exm: 0.803
- Rem (Ohms): 0.01

SPL (at 150 Watts) / Impedance (at 1 Watt)



Technical Specifications

| | | | |
|---------------------------------|-------|-------|--------------------|
| Voice Coil Diameter: | 2 | 50.8 | inches mm |
| Voice Coil Height: | 0.691 | 17.6 | inches mm |
| Voice Coil Layers: | 4 | | layers |
| Magnetic Gap Height: | 0.28 | 7.1 | inches mm |
| Linear Excursion, pk-pk (Xmax): | 0.248 | 6.3 | inches mm |
| Maximum Excursion, pk-pk: | 0.372 | 9.4 | inches mm |
| Magnet Weight: | 52.47 | 1.49 | oz. kg |
| Woofer Displacement: | 2.86 | 0.101 | liters cubic ft. |
| Net Weight: | 6.5 | 2.9 | lbs. kg |
| Power Rating: | 150 | 300 | RMS Peak |

* All parameters are derived using a laser velocity measurement method and verified with actual measured Mmd and Re. All dual voice coil models are wired in series. Xmax₁₀ represents actual effective excursion at <10% THD.