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## FEATURES

- Non-resonant diaphragm design for minimum high frequency break-up
- Two part aluminum faceplate with integrated mechanical decoupling
- Dual balanced compression chambers for improved dynamics
- Dual copper caps for absolute minimum voice coil inductance and minimum phase shift
- High saturation neodymium motor system with T-shaped pole piece for lower distortion
- Non-reflective cast aluminum chamber with optimized damping for improved dynamics
- Shallow flow optimized magnet structure for optimum coupling to rear chamber
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency for extended range

SATORI TW29RN-B-8
Preliminary data


## Specs:

| Nominal Impedance | $8 \Omega$ | Free air resonance, Fs | 650 Hz |
| :--- | :--- | :--- | :--- |
| DC resistance, Re | $6.2 \Omega$ | Sensitivity (2.83 V / 1 m) | 93 dB |
| Voice coil inductance, Le | 0.04 mH | Mechanical Q-factor, Qms | 1.74 |
| Effective piston area, Sd | $9.6 \mathrm{~cm}^{2}$ | Electrical Q-factor, Qes | 0.66 |
| Voice coil diameter | 29 mm | Total Q-factor, Qts | 0.48 |
| Voice coil height | 2.1 mm | Force factor, BI | 4.1 Tm |
| Air gap height | 2.5 mm | Rated power handling* | 80 W |
| Linear coil travel (p-p) | 0.4 mm | Magnetic flux density | 1.5 T |
| Moving mass incl. air, Mms | 0.42 g | Magnet weight | 0.10 kg |

* IEC 268-5, high-pass Butterworth, 2600 Hz, 12 dB/oct.


