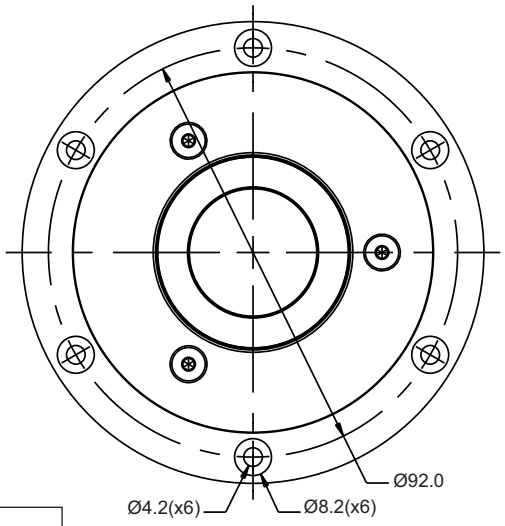
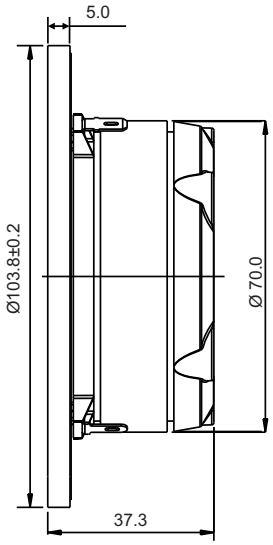
satori®

SATORI TW29R





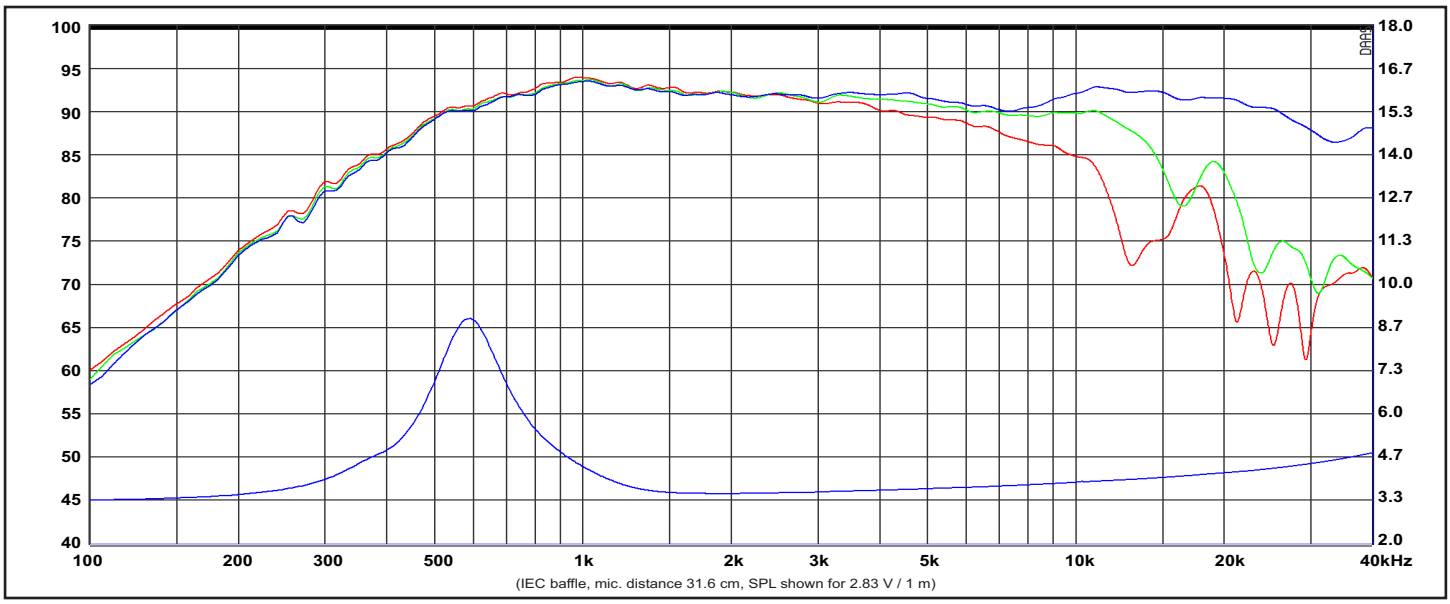
FEATURES

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

Specs :

Nominal Impedance	4 Ω	Free air resonance, Fs	600 Hz
DC resistance, Re	3.0 Ω	Sensitivity (2.83 V / 1 m)	92 dB
Voice coil inductance, Le	0.02 mH	Mechanical Q-factor, Qms	2.0
Effective piston area, Sd	9.6 cm^2	Electrical Q-factor, Qes	1.24
Voice coil diameter	29.0 mm	Total Q-factor, Qts	0.77
Voice coil height	2.0 mm	Force factor, Bl	2.0 Tm
Air gap height	2.5 mm	Rated power handling*	80 W
Linear coil travel (p-p)	0.5 mm	Magnetic flux density	1.0 T
Moving mass incl. air, Mms	0.44 g	Magnet weight	0.22 kg
		Net weight	0.53 kg

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



Response Curve :

(Blue) : on axis (Green) : 30 off-axis (Red) : 60 off-axis

REV.1 (30.01.2013)