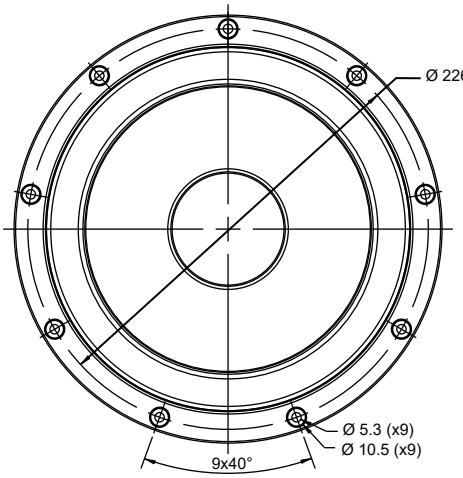
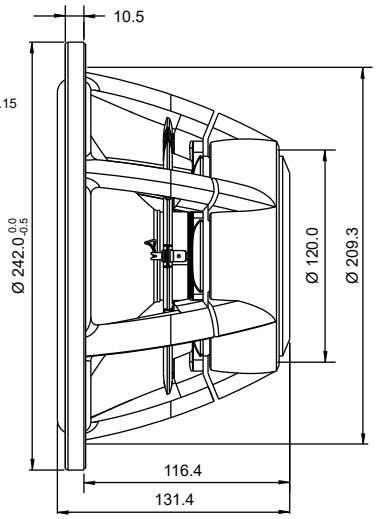
satori®

9½" SATORI WO24P-8





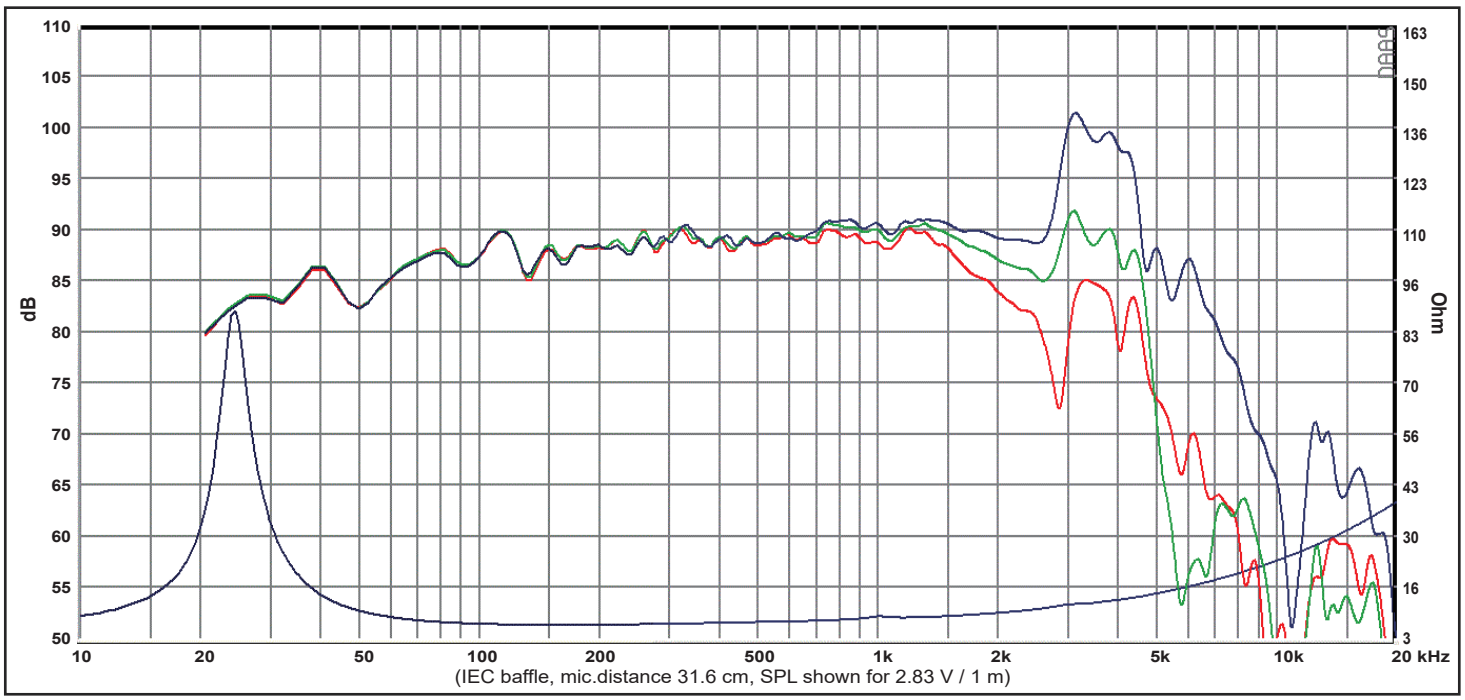
FEATURES

- Hard paper cone for improved piston operation (made in-house)
- Large optimized motor system with under-cut pole piece and dual shorting rings
- Vented aerodynamic cast aluminium chassis for optimum strength and low compression
- Soft low damping rubber surround for optimum transient response
- Linear symmetric suspension design for improved dynamic performance
- Non-conducting fibre glass voice coil former for minimum damping
- Long life silver lead wires attached 180° apart for improved stability
- Vented pole piece for reduced compression
- Low piston to chassis diameter ratio
- Gasket and bolt hole protrusions for reduced coupling to speaker cabinet

Specs :

Nominal Impedance	8 Ω	Free air resonance, Fs	24.5 Hz
DC resistance, Re	5.8 Ω	Sensitivity (2.83 V / 1 m)	88 dB
Voice coil inductance, Le	0.56 mH	Mechanical Q-factor, Qms	5.7
Effective piston area, Sd	255 cm^2	Electrical Q-factor, Qes	0.41
Voice coil diameter	49.5 mm	Total Q-factor, Qts	0.38
Voice coil height	23 mm	Moving mass incl.air, Mms	44.5 g
Air gap height	6 mm	Force factor, Bl	9.9 Tm
Linear coil travel (p-p)	17 mm	Equivalent volume, Vas	87.5 liters
Magnetic flux density	1.1 T	Compliance, Cms	0.95 mm/N
Magnet weight	1.36 kg	Mechanical loss, Rms	1.2 kg/s
Net weight	3.7 kg	Rated power handling	90 W

* IEC 268-5, T/S parameters measured on drive units that are broken in.



Response Curve :

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

REV. 2 (02.04.2024)