

Q4-2020

FEATURES

- Vented cast aluminum chassis for optimum strength and low compression
- Proprietary cone material with natural fibers made in-house
- Soft low damping rubber surround for improved transient response
- Non-conducting fiber glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and low distortion
- CCAW voice coil for reduced moving mass
- Long life silver lead wires
- Vented pole piece for reduced compression

Specs :

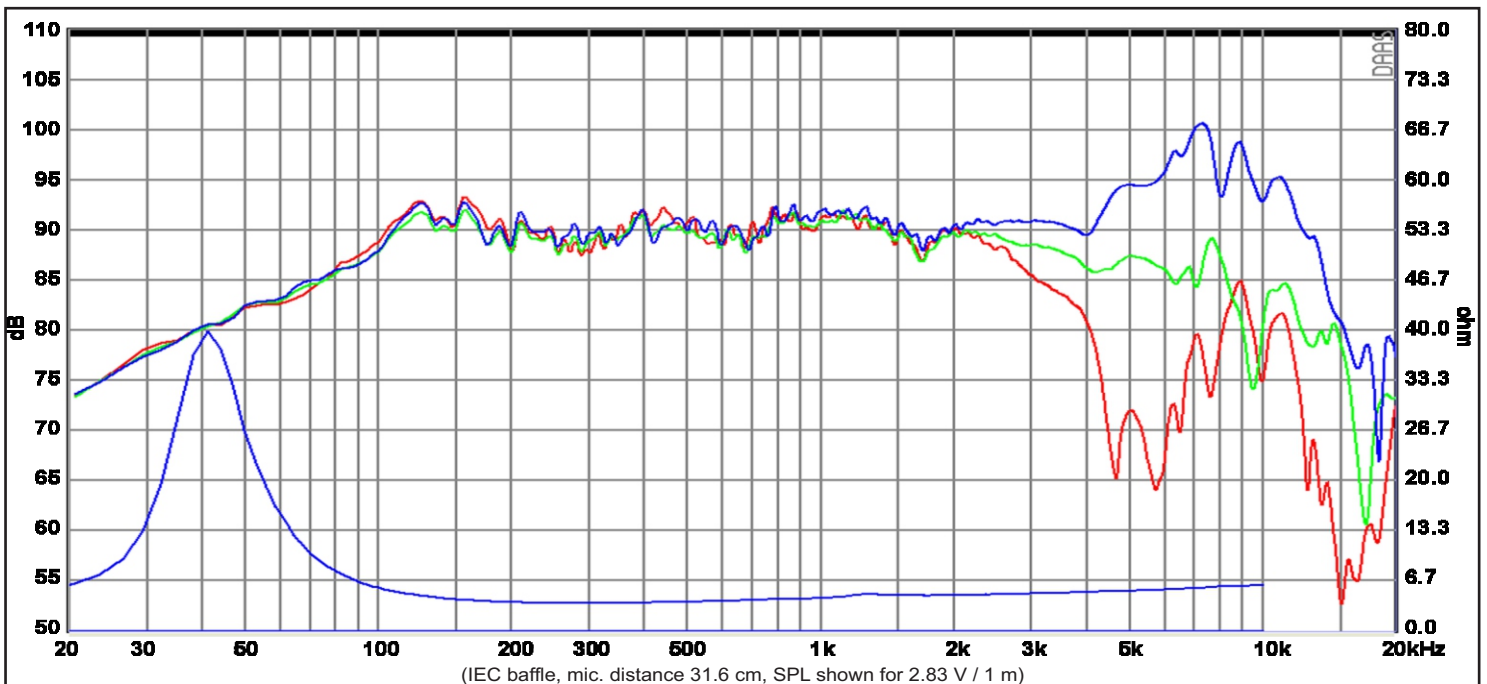
Nominal Impedance	4 Ω	Free air resonance, Fs	41 Hz
DC resistance, Re	3.1 Ω	Sensitivity (2.83 V / 1 m)	91 dB
Voice coil inductance, Le	0.12 mH	Mechanical Q-factor, Qms	5.3
Effective piston area, Sd	82 cm ²	Electrical Q-factor, Qes	0.31
Voice coil diameter	30.5 mm	Total Q-factor, Qts	0.29
Voice coil height	15 mm	Moving mass incl.air, Mms	8.6 g
Air gap height	5 mm	Force factor, Bl	4.7 Tm
Linear coil travel (p-p)	10 mm	Equivalent volume, Vas	16.7 liters
Magnetic flux density	1.0 T	Compliance, Cms	1.75 mm/N
Magnet weight	0.54 kg	Mechanical loss, Rms	0.42 kg/s
Net weight	1.48 kg	Rated power handling*	50 W

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

Box recommendations :

Sealed box : 4L - 7L (Less damped - Damped)

Reflex box : 4L @ 48Hz - 6L @ 52Hz (Damped – Less damped)



Response Curve :

— (Blue) : on axis

— (Green) : 30° off-axis

— (Red) : 60° off-axis