

### FEATURES

- Vented cast aluminum chassis for optimum strength and low compression
- Geometrically reinforced aluminum cone for optimum piston operation and reduced break-up.
- Soft low damping rubber surround for improved transient response
- Non-conducting fibre 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	8 Ω	Free air resonance, Fs	35.5 Hz
DC resistance, Re	5.7 Ω	Sensitivity (2.83 V / 1 m)	85.5 dB
Voice coil inductance, Le	0.14 mH	Mechanical Q-factor, Qms	6.0
Effective piston area, Sd	82 cm <sup>2</sup>	Electrical Q-factor, Qes	0.39
Voice coil diameter	30.5 mm	Total Q-factor, Qts	0.37
Voice coil height	14 mm	Moving mass incl.air, Mms	10.8 g
Air gap height	5 mm	Force factor, Bl	5.9 Tm
Linear coil travel (p-p)	10 mm	Equivalent volume, Vas	17.7 liters
Magnetic flux density	1.0 T	Compliance, Cms	1.86 mm/N
Magnet weight	0.54 kg	Mechanical loss, Rms	0.4 kg/s
Net weight	1.46 kg	Rated power handling*	50 W

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

### Box recommendations :

Sealed box : 8-15 liter

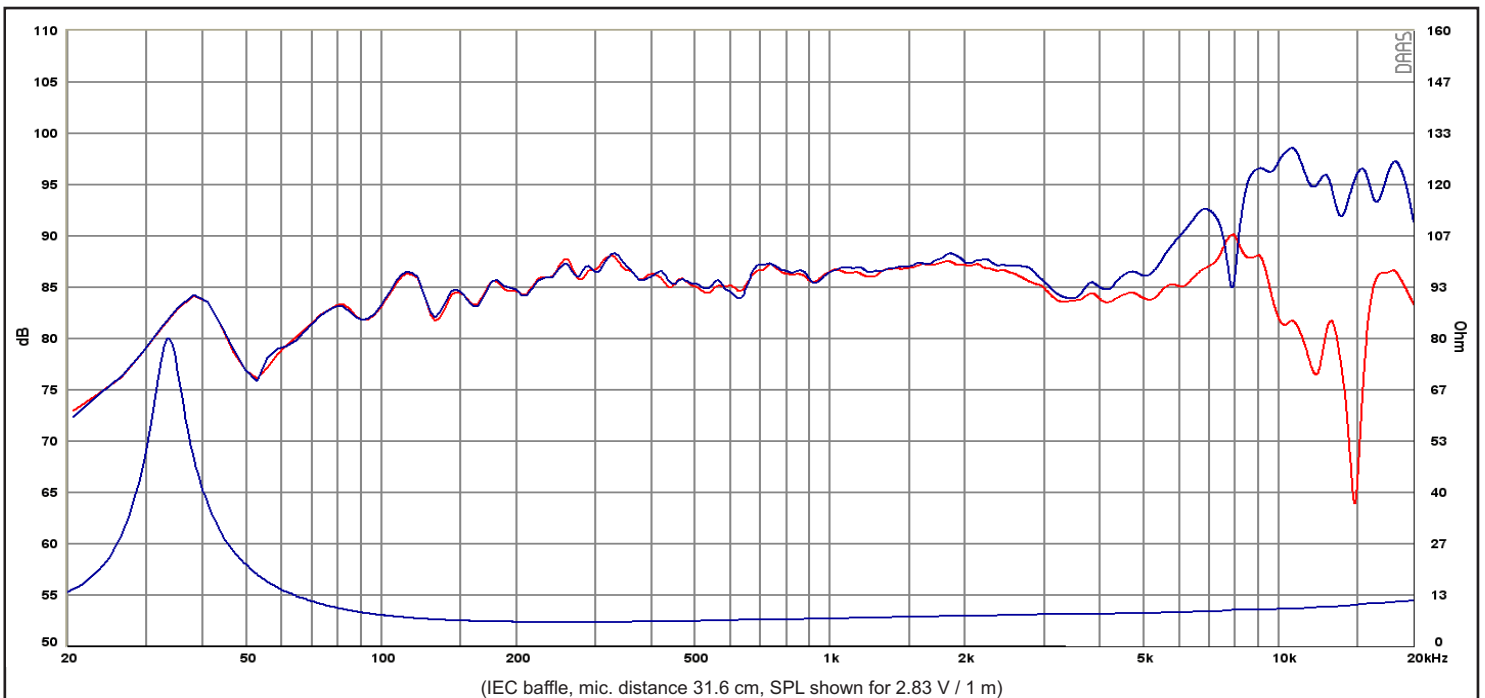
Vented box : 11 liter tuned to 37 Hz

### Conditions:

0.4 ohm additional series resistance

Qa = 30 (sealed box only) Qb = 7 (vented box only)

Volumes given are effective acoustic volumes



Response Curve :

— (Blue) : on axis — (Red) : 20° off-axis