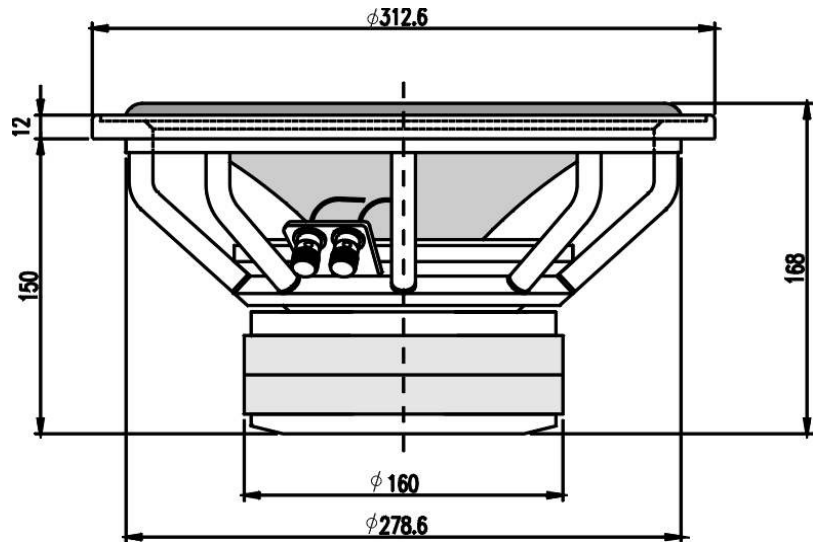


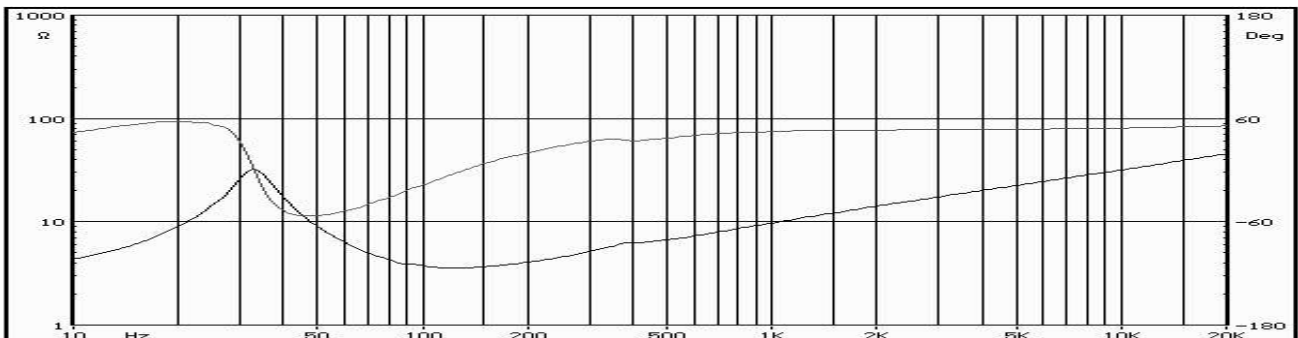
mm 12

Sd:	550 cm ²
Vas:	76.04 l
Cms:	1.8e-04 m/N
Cas:	5.4e-07 m ⁵ /N
Zm:	33.11 ohm
Mms:	130 g
Rms:	6.97 Ns/m
Fs:	33 Hz
Bl:	14.00 N/A

Re:	2.80 ohm
Le:	1.39 mH
Qms:	3.88
Qes:	0.39
Qts:	0.35
V/C l:	30.00 mm
Xmax:	16.00 mm
Pmax:	200.0 W
dBSpl:	95.5 dB



MM 12 PHASE/IMPEDANCE



DESIGN FEATURES

- CONE: Fibreglass in double coat treated with an additional process in order to minimize cone flexing and maximize dumping .
- SUSPENSION: Thermo-formed butilic rubber of high shore.
- VOICE COIL : OFC copper wire on alu-former (ϕ 40 mm). Vented pole for forced air cooling.
- BASKET : Multi-reinforced Aluminium and steel parts, with brass inserts in order to low the third harmonic distortion.
- VOICE COIL DUST COVER : Material , weight, dimension studied to increase the Mms in order to linearize the higher frequencies, and help to dissipate the heat.

This true woofer is the extreme expression of AD low frequencies reproduction conception. The goal was combining the sound of hi-end with the reliability of PA.

Small volumes boxes are requested as a starting point, both sealed or ported. This woofer was engineered as the perfect completion in low frequencies for the MM line speakers, but it can be used for any hi-end application, home or car, for the use as a woofer or subwoofer.

Phase and Impedance curves are measured after 20 hour of use at 40 W RMS, so are the T/S parameters. Due to the continue research and development, these information are subject to change without notice.