





100 watt

Technical Specifications

Component		Subwoofer
Size	mm	300 (12")
Power Handling (Watt)	peak continuous program	700 350
Impedance	Ohm	4 + 4
Frequency response	Hz	25-250
Sensitivity	dB/SPL	97
Outer diameter	mm	312
Mounting hole diameter	mm	277
Magnet size	mm	140
Total depth	mm	146
Mounting depth	mm	132
Total driver displacement	lit	1,8
Weight of one component	kg	4,94
Voice coil diameter	mm	60
Magnet		Double magnet, High density ferrite
Cone		Water-repellent, pressed paper cone
Xmech*	mm	14,5

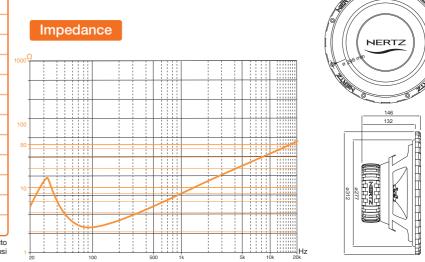
Electro-Acoustic Parameters

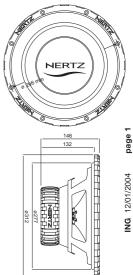
D	mm	258
Xmax	mm	9
Re	ohm	1,8
Fs	Hz	30,2
Le	mH@1kHz	1,31
Le	mH@10kHz	0,56
Vas	lit	85,57
Mms	gr	137,3
Cms	mm/N	0,20
BL	T-m	9,91
Qts		0,42
Qes		0,49
Qms		3,36
Spl (1m/2,83V)	dB	97

* Xmech massima escursione meccanica: indica il range di movimento in zona di funzionamento lineare dell'altoparlante, in entrambi i sensi



- High thermal dissipation and magnetic permeability plates.
- Big, high power double magnet.
- Pure copper double voice coil, wound on Kapton former.
- Back vented hole.
- Butyl rubber gasket for mounting surfaces coupling.
- Butyl rubber protective ring.
- Internally reinforced basket, protected from abrasions by high resistance paint.
- High current, gold-plated terminals.
- Basket and motor are coupled and damped through special epoxy glue.
- Wide-wave, resin-bonded fibre spider.
- High density rubber surround, for mobile voice coil linear, long excursion.
- Water-repellent pressed paper cone.







Sealed Box

good dynamics.





The speaker overall volume must be taken into account when designing a box: if the driver is mounted with its magnet facing the box inner part, add the volume indicated in the Technical Specifications (Total driver displacement) to total volume calculation.

The volumes of Reflex, Asymmetric Bandpass and Double Reflex projects include tubes and ports overall dimensions.

