

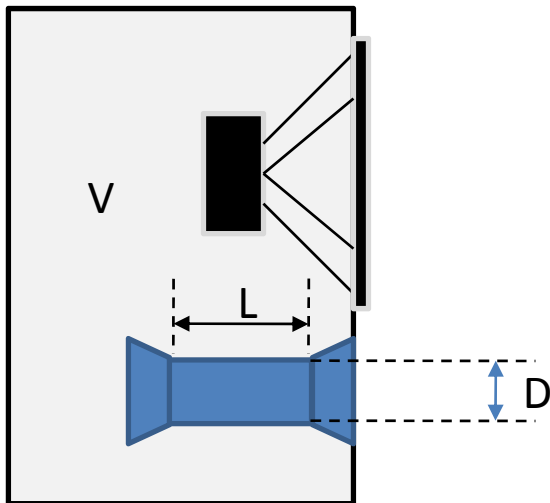
# GROUND ZERO NUCLEAR

## GZNW 12SPL



Product name	GZNW 12SPL
Product type	Subwoofer chassis
H.Art .nr.	113059
Diameter	300 mm / 12"
Mounting diameter	285 mm / 11.22"
Mounting depth	210 mm / 8.3"
Magnet dimension	3 x 190 x 19 mm
Total weight	16 KG
Voice coil diameter	75 mm / 3" Round Wire
Voice coil winding height	56 mm / 2.20"
Voice coil wire material	Aluminium
Voice coil former material	Black aluminium
Top plate height	linearised system
Linear excursion (one direction)	linearised system
Effective Xmax	50 mm / 2"
Top Plate and T-Yoke color	Silver sandblast
Basket material	Aluminium Cast
Basket color	Yellow
Spider	3x Connex
Surround	VOXR V Shape foam
Cone	Paper –glassfiber –kevlar mix
Dustcap	IMPP konvex / Logo print
Magnetcover	Rubber

Gasket	PVC + Steelring
Terminal	Black chrome push terminal
Power handling	4500 W SPL Power
Impedance	2 x 1 Ohm
Re	2 Ohm
Res	169,5 Ohm
FS	30.2 Hz
Qms	5.46
Qes	0.43
Qts	0.39
Rms	13,3 kg/s
Cms	0.06 mm/N
Mms	289,4 gr
BL	18.4 N/A
SPL	89,4 dB
VAS	38,6 L / 1.35 cu.ft
Le	0.79 mH
Recommended freq. response	35 – 100 Hz
Recommended amplifier power	1500 – 4500WRMS @20hm (0,50hm)
Sound Quality	☺☺☺☺ (max. ☺☺☺☺☺☺)
SPL Competition	☺☺☺☺☺ (max. ☺☺☺☺☺☺)
Low bass performance 20-50Hz	☺☺☺☺ (max. ☺☺☺☺☺☺)
Mid bass performance 50-80Hz	☺☺☺☺ (max. ☺☺☺☺☺☺)



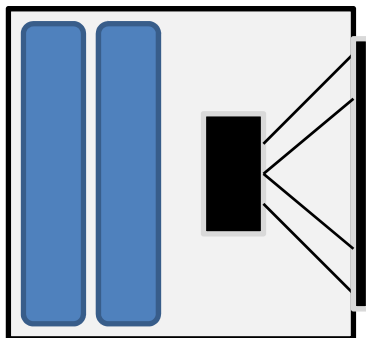
### Big size vented box

V: 75 L / 2.63 cu.ft

D: 160 mm / 6"

L: 270 mm / 10.6"

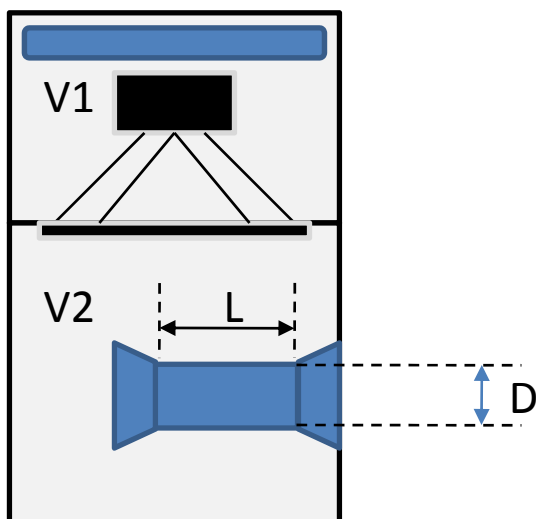
No damping



### Small size sealed box

15 - 30 L / 0.53 - 1.06 cu.ft

40 - 60% polyester wool



### Medium size bandpassbox

V1: 20 L / 0.7 cu.ft

V2: 40 L / 1.41 cu.ft

D: 160 mm / 6"

L: 300 mm / 12"

20% polyester wool in V1

No damping in V2

Die hier aufgeführten Gehäusevorschläge sind nur einige, der möglichen Varianten.

Bitte beachten Sie zudem, dass die finale Abstimmung, speziell die Port Längen je nach Fahrzeug und eigenem Geschmack variiert werden sollte.

*Above-mentioned enclosure recommendations are just a few possible variations.*

*Please note that you should find the perfect tuning, especially port length, based on your car and own taste.*