

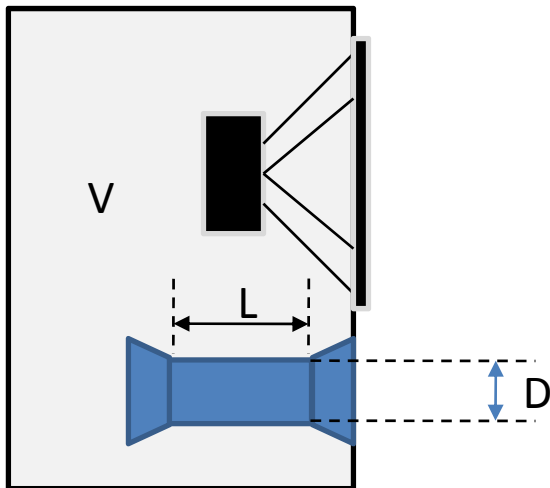
GROUND ZERO HYDROGEN

GZHW 12SPL



Product name	GZHW 12SPL
Product type	Subwoofer chassis
H.Art .nr.	113270
Diameter	300 mm / 12"
Mounting diameter	284 mm / 11.18"
Mounting depth	183 mm / 7.2"
Magnet dimension	2 x 190 x 25 mm
Total weight	15 KG
Voice coil diameter	75 mm / 3" Round Wire
Voice coil winding height	38 mm / 1.50"
Voice coil wire material	Aluminium
Voice coil former material	Black aluminium
Top plate height	11 mm / 0.43"
Linear excursion (one direction)	13,5 mm / 0.53"
Effective Xmax	40 mm / 1.57"
Top Plate and T-Yoke color	Black
Basket material	Aluminium Cast
Basket color	Yellow
Spider	2x Connex
Surround	VOXR U Shape
Cone	Reinforced Paper
Dustcap	IMPP Konvex /Logo print
Magnetcover	Rubber

Gasket	PVC
Terminal	Black chrome push terminal
Power handling	2500 W SPL Power
Impedance	2 x 2 Ohm
Re	3,8 Ohm
Res	104,3 Ohm
FS	42.8 Hz
Qms	6.76
Qes	0.57
Qts	0.53
Rms	8,8 kg/s
Cms	0.06 mm/N
Mms	221,3 gr
BL	19.9 N/A
SPL	87 dB
VAS	21,8 L / 0.77 cu.ft
Le	1.98 mH
Recommended freq. response	40 – 150 Hz
Recommended amplifier power	1500–2500 WRMS @ 4 Ohm (1 Ohm)
Sound Quality	⊙⊙⊙⊙ (max. ⊙⊙⊙⊙⊙⊙⊙)
SPL Competition	⊙⊙⊙⊙⊙ (max. ⊙⊙⊙⊙⊙⊙⊙)
Low bass performance 20-50Hz	⊙⊙⊙⊙ (max. ⊙⊙⊙⊙⊙⊙⊙)
Mid bass performance 50-80Hz	⊙⊙⊙⊙⊙ (max. ⊙⊙⊙⊙⊙⊙⊙)



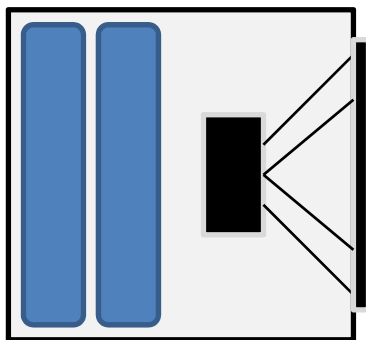
Medium size vented box

V: 50 L / 1.95 cu.ft

D: 100 mm / 4"

L: 210 mm / 8.27"

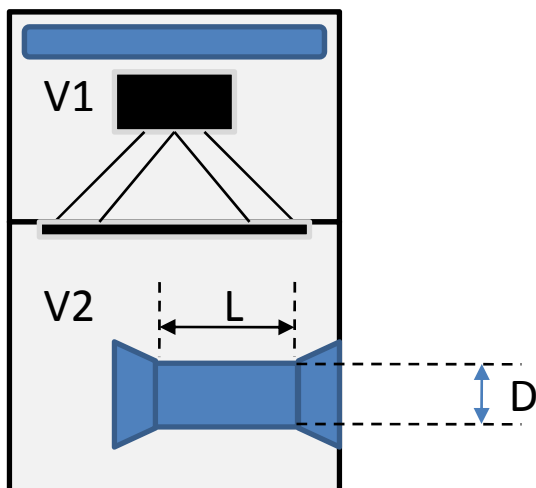
No damping



Small size sealed box

15 – 20 L / 0.53 – 0.7 cu.ft

40 - 60% polyester wool



Medium size bandpassbox

V1: 25 L / 0.88 cu.ft

V2: 30 L / 1.06 cu.ft

D: 100 mm / 4"

L: 140 mm / 5.51"

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.