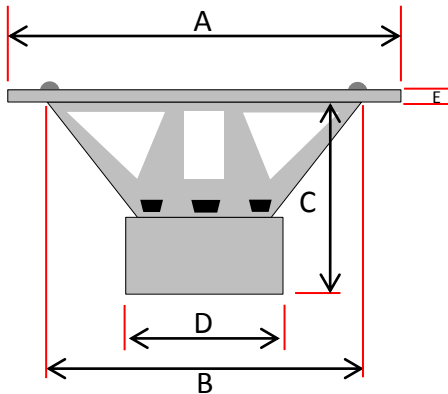




TECHNICAL SPECIFICATIONS

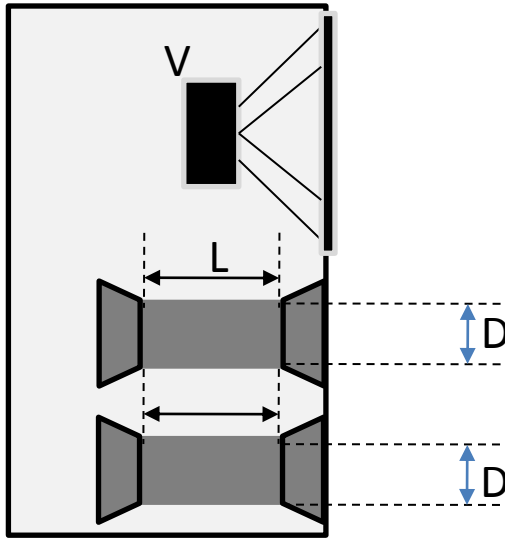
Product name	GZHW 12XSPL-D1	Gasket	Foam
Product type	Subwoofer chassis	Terminal	Black chrome push terminal
Diameter	314 mm / 12.36"	Power handling	3000 W SPL Power
Mounting diameter	281 mm / 11.06"	Impedance	2 x 1 Ohm
Mounting depth	176 mm / 6.93"	Re	2.04 Ohm
Magnet dimension	3 x 180 x 20 mm	Res	23.36 Ohm
Total weight	13.25 KG	FS	39.7 Hz
Voice coil diameter	75 mm / 3" Round Wire	Qms	5.922
Voice coil winding height	40 mm / 1.57"	Qes	0.516
Voice coil wire material	Copper	Qts	0.475
Voice coil former material	Aluminum	Rms	15.343 kg/s
Top plate height	12 mm / 0.47"	Cms	0.044 mm/N
Linear excursion (one direction)	14 mm / 0.55"	Mms	364.41 gr
Effective Xmax	40 mm / 1.57"	BL	18.933 N/A
Top Plate and T-Yoke color	Black machined	SPL (1w/1m)	86 dB
Basket material	Aluminum Cast	VAS	17.61 L / 0.62 cu.ft
Basket color	Yellow	Le	2.260 mH
Spider	2x Progressive Polycot	Recommended freq. response	40 – 100 Hz
Surround	High Roll Sandwich Foam	Recommended amplifier power	1500 – 3000 WRMS @2Ohm (0,5 Ohm)
Cone	Reinforced paper	Sound Quality	☺☺☺ (max. ☺☺☺☺☺☺)
Dustcap	IMPP konvex / with 3D Logo	SPL Competition	☺☺☺☺ (max. ☺☺☺☺☺☺)
Magnetcover	PVC	Low bass performance 20-50Hz	☺☺☺☺ (max. ☺☺☺☺☺☺)
		Mid bass performance 50-80Hz	☺☺☺☺ (max. ☺☺☺☺☺☺)



A	314 mm / 12.36"
B	281 mm / 11.06"
C	176 mm / 6.93"
D	185 mm / 7.28"
E	9 mm / 0.35"



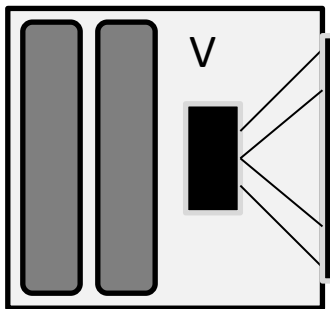
BOX RECOMMENDATION



Medium size vented box

V: 65 L / 2.295 cu.ft
 D: 2x 100 mm / 2 x 4"
 L: *270 mm / 10.63"

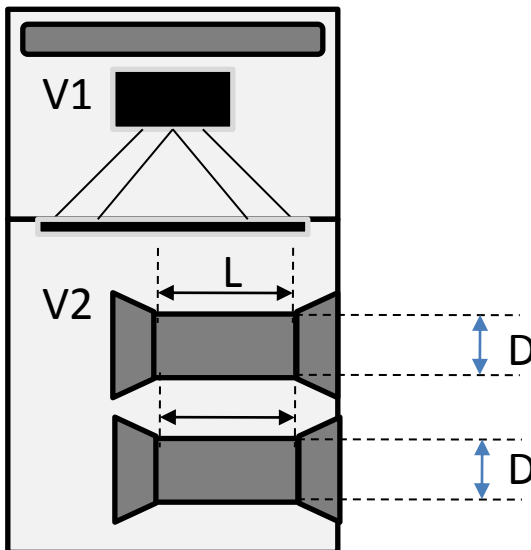
No damping



Medium size sealed box

15 – 30 L / 0.53 – 1.06 cu.ft
 Qtc 0.7 – 0.6

40 - 60% polyester wool



Medium size bandpassbox

V1: 22 L / 0.78 cu.ft
 V2: 45 L / 1.59 cu.ft
 D: 2 x 100 mm / 2 x 4"
 L: *270 mm / 10.63"

20% polyester wool in V1
 No damping in V2

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

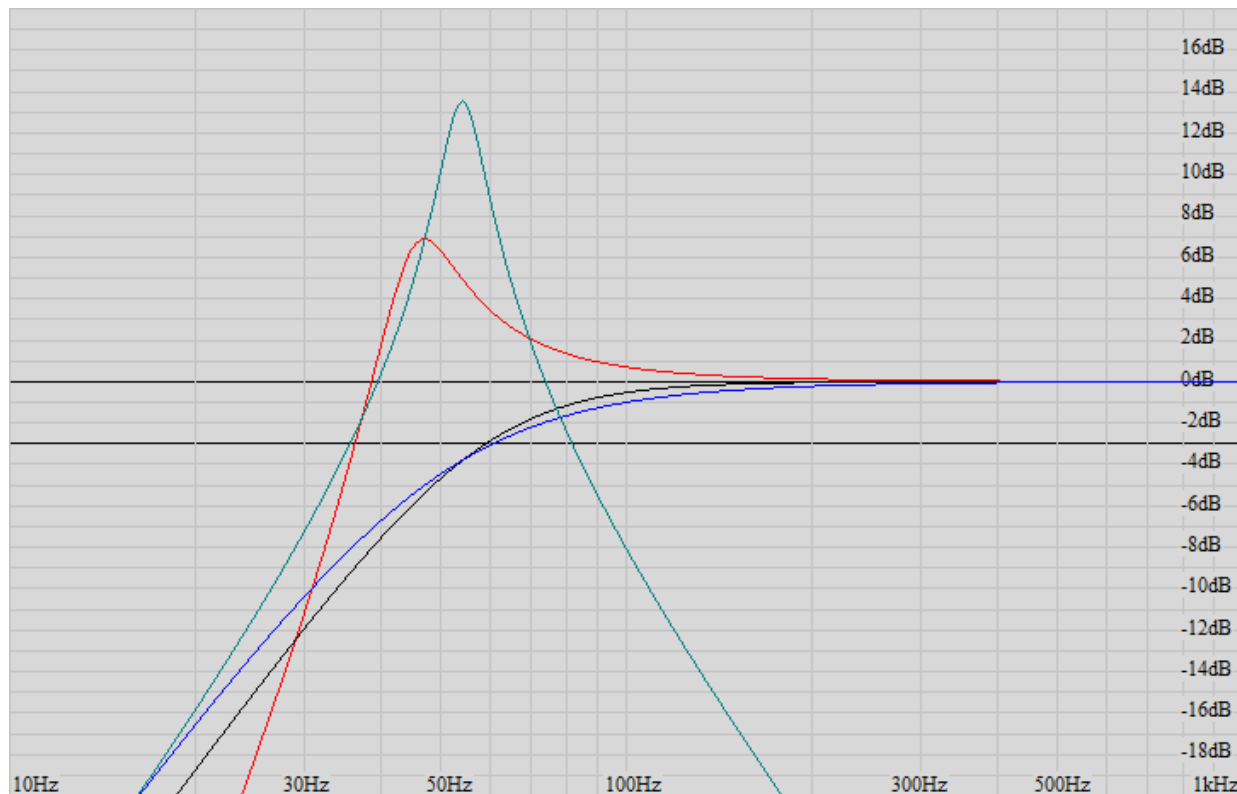
Bitte beachten Sie zudem, dass die finale Abstimmung, speziell die Port Längen je nach Fahrzeug und eigenem Geschmack variiert werden sollte.

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.



BOX RECOMMENDATION



Curve	Type	Volume	F3/ Qtc
Red	Vented	65 L / 2.295cu.ft	36 Hz
Black	Sealed	15 L / 0.53 cu.ft	59 Hz / 0.7
Blue	Sealed	30 L / 1.06 cu.ft	60 Hz / 0.6
Green	Bandpass 4th order	V1: 22 L / 0.78 cu.ft V2: 45 L / 0.99 cu.ft	Centerfreq. 54 Hz

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.

