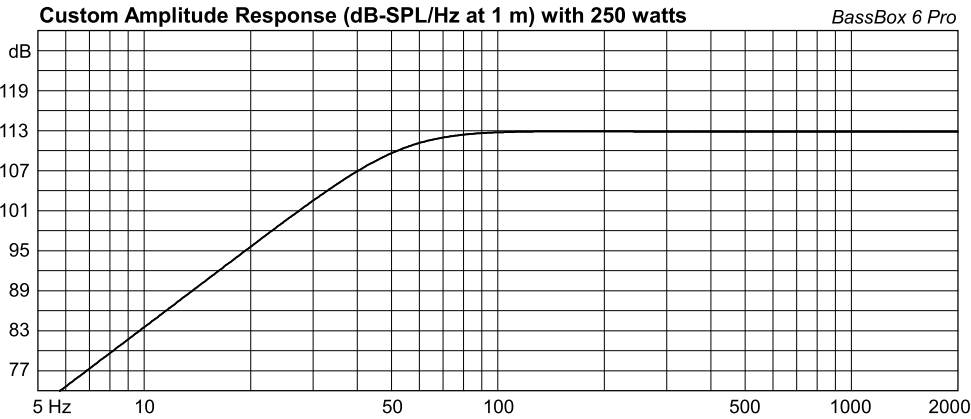
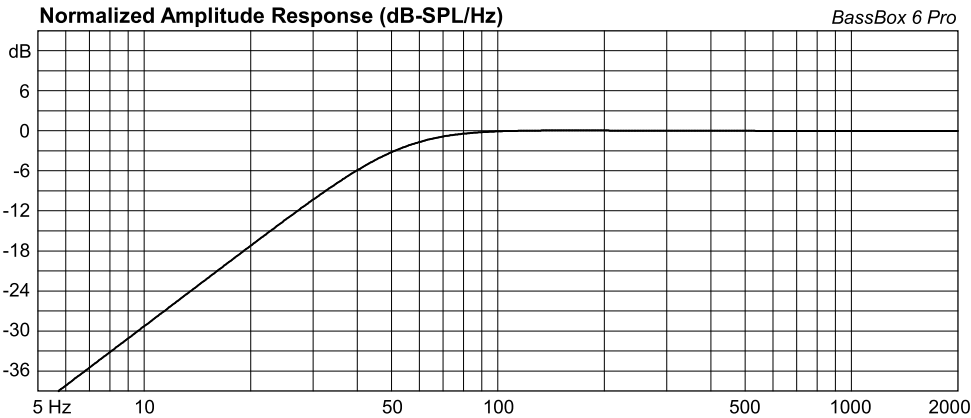


Tw 1600.4

Recommended Woofer Enclosure

	Liters gross	Liters net	Fs	Fb
Sealed:	34	32.81	45 Hz	30 Hz



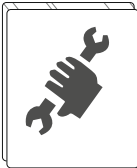
Blaupunkt India Private Limited
47, Atlanta Society, Nariman Point
Mumbai- 400 021. India.
Toll Free: 1800 209 6820
info@blaupunkt.in | www.blaupunkt.com



Sound | Subwoofer
Tw 1600.4



Enjoy it.



Warranty

We provide a manufacturer's warranty for our products bought within India. You can view the warranty terms at www.blaupunkt.com or ask for them directly at: **Blaupunkt India Private Limited**
47, Atlanta Society, Nariman Point,
Mumbai - 400 021. India.

Safety Notes:

- Please observe the following safety notes during the installation & connection.
- Disconnect the negative terminal of the battery. Observe safety notes of the vehicle manufacturer.
 - Prior to drilling mounting holes, make sure that no cables & parts of the vehicle will be damaged.
 - Do not install subwoofers on loose rear parcel shelves (fastback vehicles)
 - Leave ample clearance between the cables and other harnesses. Use cable glands for holes with sharp edges

Notes about installing a subwoofer in enclosures:

- Before installing the subwoofer in an enclosure guidelines, please observe some fundamental design instructions:
- Subwoofers with infinite baffle can be installed in a vehicle by simply using a wooden board trimmed to size which ensures an acoustic separation between the front and rear of a woofer. The wooden board is affixed in the boot under the rear shelf or at the back of the rear seat bench. Any existing air gaps should be sealed with sealing material.
 - The shape of the enclosure plays a major role with respect to the playback of low frequencies. However, try to avoid unusual shapes which require extensive work with respect to trimming and gluing.
 - MDF boards or high-quality plywood made out of birch with a thickness of 18 to 25mm are perfectly suited for building woofer enclosures.
 - All abutting housing walls should be glued, screwed together and sealed to avoid detachment due to vibration & external environmental influences in a vehicle.
 - To avoid vibration, stiffening ribs or bracing are used for large woofer enclosures.
 - Acoustic insulating material which fills the inside volume to at least 20% increases the effective enclosure volume by 5 to 15%.
 - The cables from the amplifier to the subwoofer should be kept as short as possible & have a cross section of at least 2.5mm².

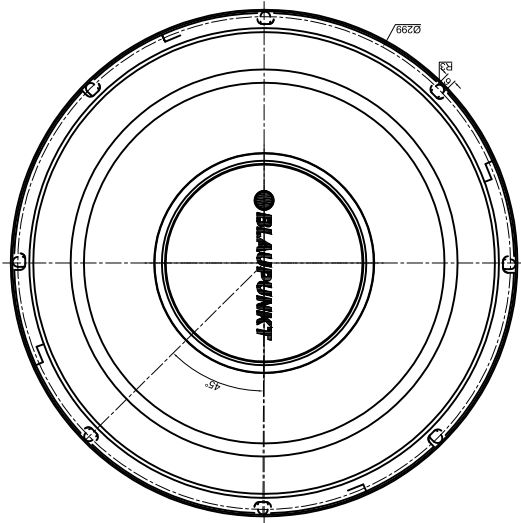
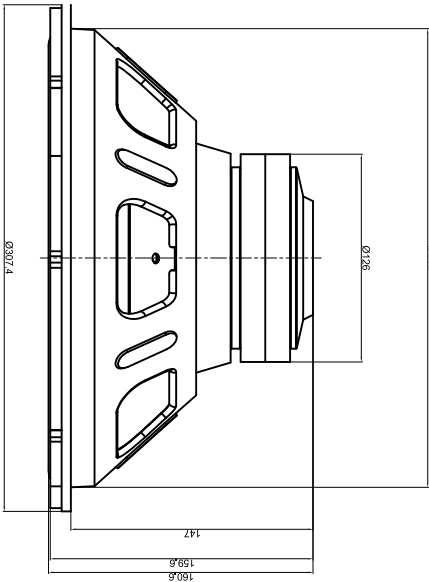
- The finished subwoofer enclosure should be perfectly stable and airtight.
- If possible, use bass reflex ports with a diameter of 7 to 10cm to avoid the port noise generally associated with smaller openings. PVC pipes are available commercially in different diameters. The pipe sections can be installed inside the enclosure using appropriate joints and fittings.
- Use an active (electronic) crossover, such as those integrated into all Blaupunkt amplifiers. The use of passive crossovers is not recommended.

Recycling and disposal

-  To dispose of the product, please use the available waste return and collection systems.

Subject to changes!

Technical data



Performance

- | | |
|--------------------------------------|---------------------------|
| • Maximum power handling (Watts): | 1500 |
| • Nominal power handling (RMS): | 250W |
| • Nominal impedance (Ohms): | 4 |
| • Frequency response (Hz): | 30-300 |
| • Efficiency (dB / 2.83V / 1m): | 87dB |
| • Diameter Installation hole (mm): | 282 |
| • Diameter Installation hole (inch): | 11.1 |
| • Thiele Small Parameter fs (Hz): | 29.8 |
| • Thiele Small Parameter Qts: | 0.62z |
| • Thiele Small Parameter Qes: | 0.61 |
| • Thiele Small Parameter Qms: | 7.08 |
| • Thiele Small Parameter Vas (l): | 93.25 |
| • Thiele Small Parameter Xmax (mm): | 8 |
| • Recommended sealed enclosure size: | 1.2 cubic ft. (34 Liters) |