

QUALITY BUILT MARINE SUBWOOFER OPTIMISED FOR CUSTOM INSTALLATIONS



BOX COMPATIBILITY

|                                            | Sealed | Vented |
|--------------------------------------------|--------|--------|
| Enclosure Volume, cu.ft. :                 | 2.29   | 2.29   |
| Enclosure Frequency, Hz:                   | 46     | -      |
| Fb Tuning Frequency Of Vented Enclosure,HZ | NA     | 34     |
| F3 System 3dB Down Point[Sealed],Hz        | 35     | -      |

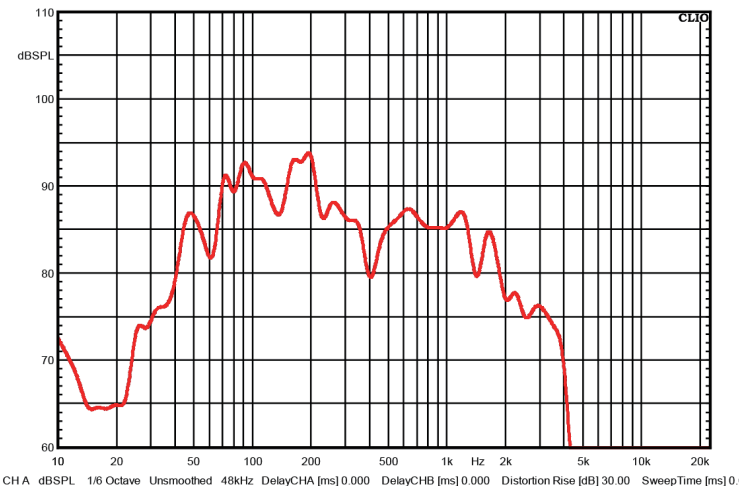
INSTALLATION POINTS

- Failure to observe installation points will invalidate your warranty:
- Ensure you use appropriate crossover points for the intended result.
  - Be realistic about output - small woofers have modest output limits. If you need more bass add more woofers.

TS PARAMETERS

| Name | Value   | Unit | Note                                                                     |
|------|---------|------|--------------------------------------------------------------------------|
| RE   | 3.4     | OHM  | Electrical voice coil resistance at DC                                   |
| LCES | 27.5496 | MH   | Electrical inductance representing driver compliance                     |
| FS   | 32.9829 | HZ   | Driver resonance frequency                                               |
| MMS  | 56.6734 | G    | Mechanical mass of driver diaphragm assembly including air load and coil |
| MMD  | 53.1791 | G    | Mechanical mass of voice coil and diaphragm with out air load            |
| CMS  | 0.4108  | MM/N | Mechanical compliance of driver suspension                               |

SPL VS FREQUENCY



DETAILED TECHNICAL DATA

|                              |                  |
|------------------------------|------------------|
| Power Handling (Per Driver): | 150WRMS (@0%Thd) |
| Burp Power:                  | 300W             |
| Nominal Impedance:           | 4 ohm            |
| Voice Coil Diameter:         | 38.6 mm          |
| Voice Coil Layers:           | 4 layers         |
| Magnet:                      | 120*20 mm        |
| Magnet Type:                 | Y25 Ferrite      |

- Ensure mounting surface is completely flat so as not to distort the speaker chassis.
- TEAM TIPS
- Remember that larger enclosures offer a deeper bass, whilst smaller ones offer more instant punch. Also, filling the enclosure with Dacron will give a deeper sound but still with the punch of the current enclosure size.
  - Pay close attention to ensure you have the correct phase when installing the new drivers especially with factory wiring.
  - To get the best results from your installation apply deadening and sound insulation material to the install locations.



| Name | Value   | Unit | Note                                                           |
|------|---------|------|----------------------------------------------------------------|
| BL   | 8.1887  |      | Force factor BL product                                        |
| QMS  | 2.6717  |      | Mechanical Q factor of driver in free air considering RMS only |
| QES  | 0.5955  |      | Electrical Q factor of driver in free air considering RE only  |
| QTS  | 0.4870  |      | Total Q factor considering RE and RMS only                     |
| VAS  | 64.9744 | LTR  | Equivalent air volume of suspension                            |
| LMOM | 87.95   | DB   | Nominal sensitivity (SPL at 1M for 1W @ ZN)                    |
| SD   | 336.5   | CM2  | Diaphragm area                                                 |

TECHNICAL DRAWING

|                                |        |
|--------------------------------|--------|
| Mounting Depth:                | 117mm  |
| Mounting Diameter:             | 232mm  |
| Total Diameter:                | 268mm  |
| Weight Approx. (Per a Driver): | 1.20Kg |

