

QUALITY BUILT SUB WOOFER DRIVER FOR CUSTOM INSTALLATIONS



BOX COMPATIBILITY

	Sealed	Vented
Enclosure Volume, cu.ft. :	3.5	2.83
Enclosure Frequency, Hz:	-	38
Fb Tuning Frequency Of Vented Enclosure,Hz	NA	32
F3 System 3dB Down Point(Sealed),Hz	49	-

INSTALLATION POINTS

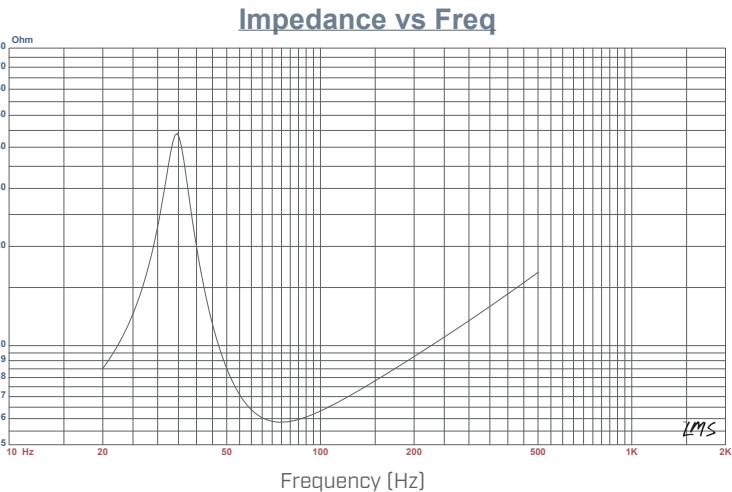
Failure to observe installation points will invalidate your warranty:

- 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	3.880	OHM	Electrical voice coil resistance at DC
FS	34.700	HZ	Driver resonance frequency
MMS	248.80	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	235.30	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.085	MM/N	Mechanical compliance of driver suspension
CMES	818.6840	UF	Electrical capacitance representing moving mass
LCES	24.4661	OHM	Electrical inductance representing driver compliance

FREQUENCY VS IMPEDANCE



DETAILED TECHNICAL DATA

Power Handling (Per Driver):	700 WRMS (@0%Thd)
Nominal Impedance:	2+2 ohm
Sensitivity:	89.2 dB
Frequency Range:	20Hz-80Hz
Voice Coil:	2.5 Inch
Magnet:	156mm*40mm

- Do not run a DVC subwoofer hard with one coil only running. You must drive both sides of the subwoofer.

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.
- Always observe a break in period with new subwoofers before playing them loud. We recommend at least ten hours at modest levels to loosen soft parts
- 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	18.300		Force factor BL product
QMS	6.330		Mechanical Q factor of driver in free air considering RMS only
QES	0.625		Electrical Q factor of driver in free air considering RE only
QTS	0.569		Total Q factor considering RE and RMS only
SD	819.4	CM2	Diaphragm area
VAS	80.7	LTR	Equivalent air volume of suspension
RMS	12.2123	KG/S	Mechanical resistance of total driver losses
XMAX	10	mm	Total linear movement

TECHNICAL DRAWING

Mounting Depth:	175mm
Mounting Diameter:	370mm
Total Diameter:	392mm
Weight Approx. (Per a Driver):	7.45Kg

