



Model No.: X-515SPL

15inch High Performance Car Subwoofer Chassis



Specifications

- * Die-cast Aluminum frame
- * Non-pressed paper cone with High foam surround
- * Convex IMPP Dust-cap
- * Hi-temp 3inch-4Layers Voice Coil
- * High efficiency Optimized FEA Motor
- * Stiff Nomex spider with Flat tinsel leads
- * Chromed Vented T plate
- * Pressed Binding Post Terminal

General Data

Overall Diameters	DxH	397*262mm
RMS Power Handling	RMS	1500Watts
Max.Power Handling	MAP	3000Watts
Sentivity 2.83V/1M/1W	SPL	88dB
Normal Impedance	OHM	Dual 2 ohm & Dual 4 ohm
Frequency Response	H.Z.	22-100Hz
Net Weight	N.W.	22.25Kgs

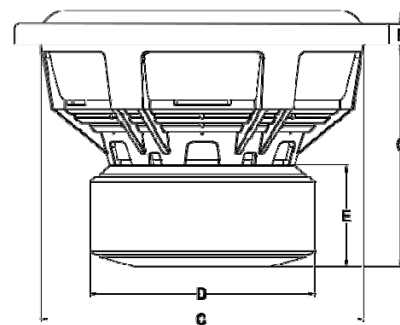
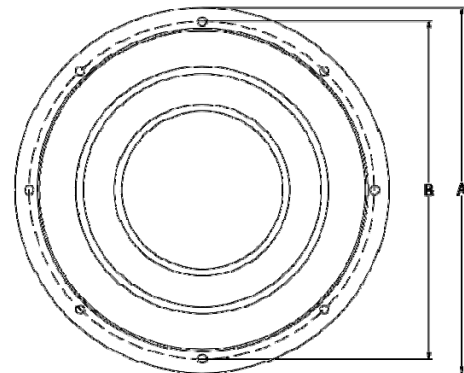
Voice and Magnet Parameters

Voice Coil Bobbin	VCB	Black Aluminum
Voice Coil Wire	VCW	Copper
Voice Coil Diameter	VCD	∅ 76.5mm/3.01"
Coil Bobbin Hight	VBH	115mm/4.53"
Coil Winding Hight	CWH	50mm/1.97"
Magnet Material		Ferrite / Y35
Magnet Dimension	M.D	∅ 220mm*60mm
Magnet Weight	M.W.	300 Oz
Magnet Cover	M.C.	Rubber

Voice and Magnet Parameters

DC Resistance	Re	2+2	3.8+3.8	ohm
Resonant Frequency	Fs	34.5	35.9	Hz
Suspension Compliance	Cms	0.05	0.05	mm/N
Mechanical Q Factor	Qms	4.23	4.31	
Electrical Q Factor	Qes	0.36	0.32	
Total Q Factor	Qts	0.33	0.39	
Moving Mass	Mms	417	420	gr
Eq.Cas Air Load (Liters)	VAS	43.3	39.8	L
Froce Factor	BI	31.9	41.2	n/A
Effective X-max	Xmax	50	50	mm

Dimension



Overall Diameter	A	397mm
Front Mounting Diameter	B	370mm
Back Mounting Diameter	C	351mm
Motor Diameter	D	226mm
Motor Height	E	114mm
Gasket Thickness	F	17mm
Mounting Depth	G	219mm
Overall Height	H	262mm

*All information listed only for reference