

## 15inch High Performance Car Subwoofer Chassis



### Specifications

- \* Die-cast aluminum basket with custom yellow painting
- \* Non-pressed paper cone
- \* Convex IMPP Dust-cap
- \* Hi-temp 3inch-4Layers Voice Coil
- \* High efficiency Optimized FEA Motor
- \* Stiff black progressive Nomex spider with Flat tinsel leads
- \* Chrome vented T-plate
- \* Pressed Binding Post Terminal

### General Data

Overall Diameters	<b>DxH</b>	400mm*226mm
RMS Power Handling	<b>RMS</b>	1000Watts
Max.Power Handling	<b>MAP</b>	2000Watts
Sentivity 2.83V/1M/1W	<b>SPL</b>	90dB
Normal Impedance	<b>OHM</b>	2+2ohm
Frequency Response	<b>H.Z.</b>	20-100Hz
Net Weight	<b>N.W.</b>	15.5Kgs/34.1Lbs

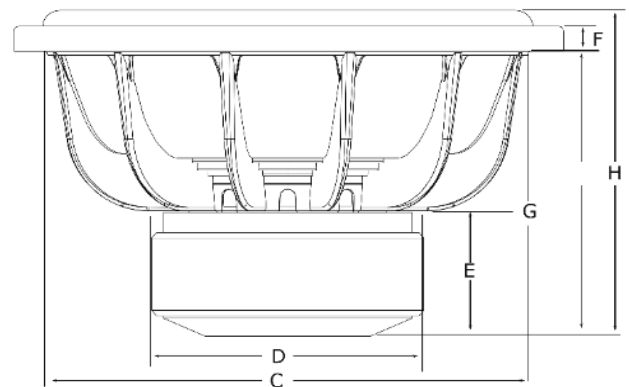
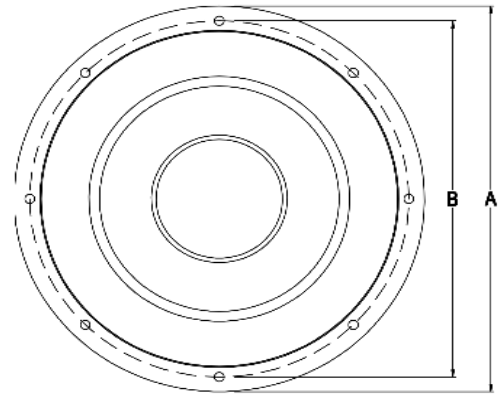
### Voice and Magnet Parameters

Voice Coil Bobbin	<b>VCB</b>	Black Aluminum
Voice Coil Wire	<b>VCW</b>	Copper
Voice Coil Diameter	<b>VCD</b>	∅ 76.5mm/3.01"
Coil Bobbin Hight	<b>VBH</b>	91mm/3.58"
Coil Winding Hight	<b>CWH</b>	40mm/1.58"
Magnet Material		Ferrite / Y35
Magnet Dimension	<b>M.D</b>	∅ 190mm*50mm
Magnet Weight	<b>M.W.</b>	190Oz
Magnet Cover	<b>M.C.</b>	Rubber

### Voice and Magnet Parameters

DC Resistance	<b>Re</b>	2+2ohm
Resonant Frequency	<b>Fs</b>	28.7Hz
Suspension Compliance	<b>Cms</b>	0.09mm/N
Mechanical Q Factor	<b>Qms</b>	3,98
Electrical Q Factor	<b>Qes</b>	0,32
Total Q Factor	<b>Qts</b>	0,30
Moving Mass	<b>Mms</b>	330.8gr
Eq.Cas Air Load ( Liters)	<b>VAS</b>	89.7L
Froce Factor	<b>Bl</b>	27.2n/A
Effective X-max	<b>Xmax</b>	40mm

### Dimension



Overall Diameter	<b>A</b>	400mm
Front Mounting Diameter	<b>B</b>	380mm
Back Mounting Diameter	<b>C</b>	360mm
Motor Diameter	<b>D</b>	198mm
Motor Height	<b>E</b>	88mm
Gasket Thickness	<b>F</b>	18mm
Mounting Depth	<b>G</b>	200mm
Overall Height	<b>H</b>	226mm