

## 8" - Bass Driver

## Studio Range

### Applications: Bass in Compact Studio Monitors

- 150 Watt (AES)
- Doped Cone
- Double Suspensions
- Symmetrical Field Magnet
- Exceptional Bass Performance
- Net Weight: 4.1 Kgs



The B220.2 uses a symmetrical field magnet system with a long coil for large linear excursion capability. Double rear suspensions guarantee transient stability at high drive levels. The cone is doped for minimal colouration. The Thiele-Small parameters are optimised for easy use in relatively small enclosures to give extended bass performance. The B220.2 has been optimised for bass performance in compact studio monitoring systems.

#### Specifications

Nominal Diameter	200 mm
Power Rating	150 Watt (AES)
Sensitivity (1w / 1m)	90 dB
Frequency Range	25 - 1000Hz
Nominal Impedance	8 or 16 ohms
BL Factor	11.8 N/A
Voice Coil Diameter	38 mm
Voice Coil Material	Copper
Maximum Excursion	25 mm (peak to peak)
Magnetic Assembly Weight	3.6 Kgs
Effective Moving Mass	0.033 Kgs
Compliance	0.00077 M/N
Volume Displacement	0.8 Litres
Connection	5mm Solder Terminals
Chassis	Diecast Aluminium

#### Thiele-Small Parameters

Fs	32 Hz
Re	6 Ohms
Qa	1.92
Qe	0.28
Qt	0.25
Vas	49 Litres
Xmax	±5.25 mm
Sd	214 cm <sup>2</sup>
Vd	112 cm <sup>3</sup>
Le	1 mH

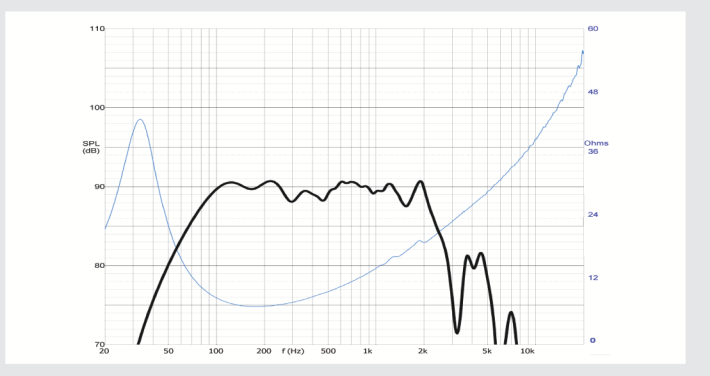
#### Mounting Information

Overall Diameter	235 mm
Fixing Bolt Diameter	218 mm
Fixing Holes	4 x M5
Front Mount Cut-out Diameter	192 mm
Suggested Rebate Depth	9.5 mm
Depth Below Front Flange	96.5 mm
Total Depth	106 mm
Weight	4.1 Kgs

#### Suggested Enclosures

Volume in Litres	15	35	60
Vent diameter in Cm	5	5	5
Vent length in Cm	12	6	4
System Q	7	5	5
-3dB Freq in Hz	55	45	35

#### Response Curve



#### Dimensions

