



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	8" (203 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	4
<b>Continuous Power (W)</b>	20
<b>Sensitivity (dB SPL) <sup>1</sup></b>	94
<b>Frequency Range (Hz)</b>	80 - 10,000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	139

### More Specifications

<b>Application</b>	Musical Instruments
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.4
<b>Program Power (W)</b>	40
<b>Continuous Power (W)</b>	20

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	4
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.4
<b>Voice Coil Inductance (Le) (mH)</b>	0.12
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	139
<b>Mechanical Q Factor (Qms)</b>	15.36
<b>Electrical Q Factor (Qes)</b>	4.45
<b>Total Q Factor (Qts)</b>	3.45
<b>Moving Mass (Mms) (gm)</b>	8.28
<b>Suspension Compliance (Cms) (mm/N)</b>	0.16
<b>Mechanical Resistance (Rms) (kg/s)</b>	0.47
<b>Surface Area of Diaphragm (Sd) (cm<sup>2</sup>)</b>	221.67
<b>Compliance Equivalent Volume (Vas) (L)</b>	10.92
<b>Coil Winding Height (mm)</b>	6.35
<b>Magnetic Gap Height (mm)</b>	6.0
<b>Motor Force Factor (BL) (T•M)</b>	2.36
<b>Efficiency (<math>\eta_0</math>) (%)</b>	0.64
<b>Efficiency Bandwidth Product (EBP) (Fs/Qes)</b>	31.46

### Material Descriptions

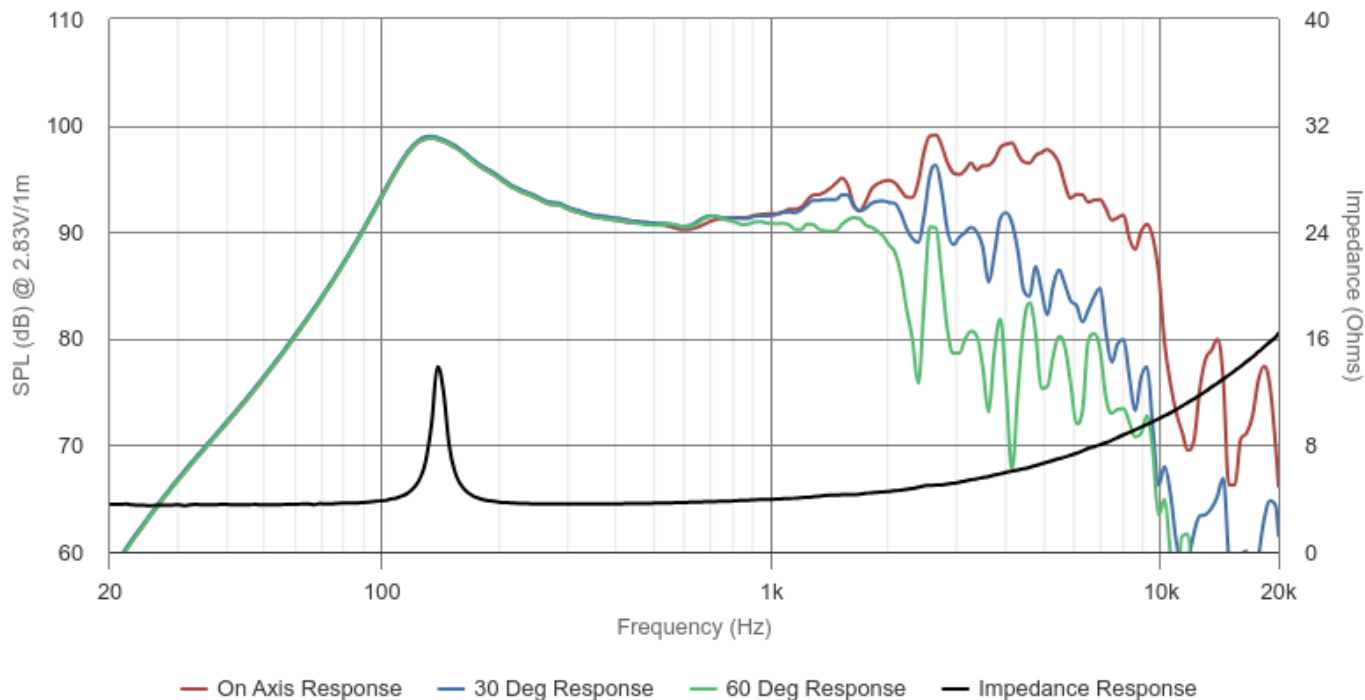
<b>Basket Type</b>	Stamped steel with black powder coat
<b>Terminal Size (mm)</b>	5.2 x 0.5
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Nomex
<b>Magnet Material</b>	Ferrite
<b>Magnet Weight (g)</b>	283.5
<b>Cone Body Material</b>	Hemp
<b>Spider Material</b>	Cotton
<b>Dust Cap Material</b>	Felt

Net Weight (kg)

1.01



## Frequency & Impedance Response



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