



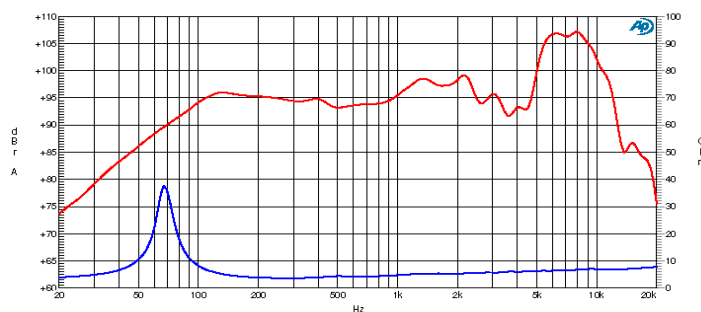
## 8" Ceramic Dual Cone

<b>Program Power</b>	<b>250 W</b>
<b>Rated impedance</b>	<b>4 Ohm</b>
<b>Nominal diameter</b>	<b>8" - 200 mm</b>
<b>Sensitivity (1W/1m)</b>	<b>96 dB</b>
<b>Voice coil diameter</b>	<b>1,5 in - 38 mm</b>
<b>Frequency Range</b>	<b>75-10000 Hz</b>

### SPECIFICATIONS

Nominal Diameter	8" - 200 mm
Rated Impedance	4 Ohm
Nominal Power Handling <sup>1</sup>	100 W
Program Power <sup>2</sup>	250 W
Sensitivity <sup>3</sup>	96 dB
Frequency Range <sup>4</sup>	75-10000 Hz
Minimum Impedance	-
Gasket Material	Steel
Magnet Material	Ferrite
Cone Material	-
Cone Shape	-
Surround	Doped fabric
Suspension	-
Voice Coil Diameter	1,5 in - 38 mm
Voice Coil Winding Material	-
Voice Coil Length	11 mm - 0,43 in
Voice Coil Former Material	Kapton
Connection type	Faston
Ferofluid	No
Magnetic Gap Height	8 mm - 0,31 in
Max. Peak to Peak Excursion	-
Efficiency Bandwidth Product EBP	160
Recommended Loading	Vented Box
Volume / Tuning frequency	22 Lt (dm <sup>3</sup> ) - 0,777 cuft / 72 Hz
Maximum recommended frequency	-

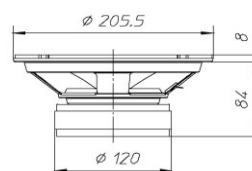
### FREQUENCY RESPONSE AND IMPEDANCE CURVE <sup>6 7</sup>



### T/S PARAMETERS

4 Ohm

Resonance frequency	Fs	77 Hz
DC Resistance	Re	3 Ohm
Mechanical Q Factor	Qms	4,97
Electrical Q Factor	Qes	0,48
Total Q Factor	Qts	0,44
BI Factor	BI	6,58 Tm
Effective Moving Mass	Mms	14,45 g
Equivalent Cas air loaded	Vas	18,7 lt (dm <sup>3</sup> ) - 0,66 cuft
Suspension Compliance	Cms	0,31 mm/N
Effective Piston Diameter	D	163 mm - 6,42 in
Effective piston area	Sd	209 cm <sup>2</sup> - 32,4 sq in
Max. Linear Excursion <sup>5</sup>	Xmax	3,5 mm - 0,14 in
Voice Coil Inductance @ 1kHz	Le	0,08 mH
Half-space Efficiency	η0	1,62 %



### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	206 mm - 8,11 in
Baffle Cutout Diameter	185 mm - 7,28 in
Flange and Gasket Thickness	8 mm - 0,31 in
Total Depth	92 mm - 3,62 in
Bolt Circle Diameter	194 mm - 7,64 in
Bolt Holes Quantity and Diameter	4 / 5,5 mm - 0,22 in
Net Weight	2,6 Kg - 5,73 lb
Shipping Units	4 Pcs

### NOTES

- <sup>1</sup> Nominal power is determined according to AES2-1984 (r2003) standard.
- <sup>2</sup> Program Power is defined as 3 dB greater than the Nominal rating.
- <sup>3</sup> Sensitivity represents the averaged value of acoustic output as measured on the forward central axis of cone, at distance 1m, when connected to 2,83V sine wave test signal.
- <sup>4</sup> Frequency range is given as the band of frequencies delineated by the lower and upper limits where the output level drops by 10 dB below the rated sensitivity in half space environment.
- <sup>5</sup> Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
- <sup>6</sup> Frequency response curve is measured on infinite baffle conditions.
- <sup>7</sup> Impedance curve is measured in free air conditions at small signals.