



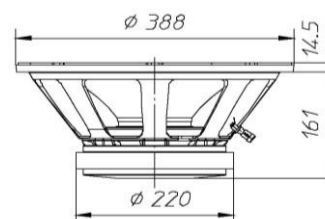
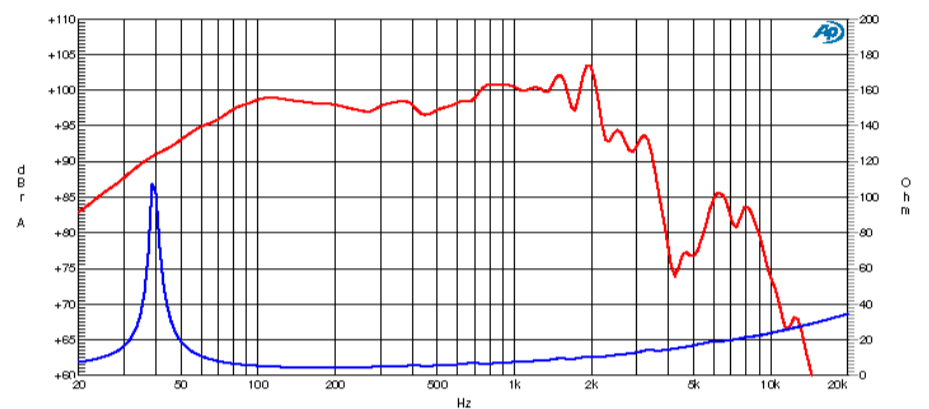
15" Ceramic Woofer

Program Power	1000 W
Rated impedance	4 Ohm
Nominal diameter	15" - 380 mm
Sensitivity (1W/1m)	99 dB
Voice coil diameter	4 in - 100 mm
Frequency Range	35-1500 Hz

SPECIFICATIONS

Nominal Diameter	15" - 380 mm
Rated Impedance	4 Ohm
Nominal Power Handling ¹	500 W
Program Power ²	1000 W
Sensitivity ³	99 dB
Frequency Range ⁴	35-1500 Hz
Minimum Impedance	-
Gasket Material	Aluminum
Magnet Material	Ferrite
Cone Material	-
Cone Shape	-
Surround	Nomex Fabric
Suspension	-
Voice Coil Diameter	4 in - 100 mm
Voice Coil Winding Material	Sandwich aluminium
Voice Coil Length	17,5 mm - 0,69 in
Voice Coil Former Material	Kapton
Connection type	-
Ferrofluid	No
Magnetic Gap Height	10 mm - 0,39 in
Max. Peak to Peak Excursion Xvar	-
Efficiency Bandwidth Product EBP	116
Recommended Loading	Vented Box
Volume / Tuning frequency	90 Lt (dm ³) - 3,178 cuft / 50 Hz
Maximum recommended frequency	-
Alternative Available Version	8 Ohm PW390

FREQUENCY RESPONSE AND IMPEDANCE CURVE ^{6 7}



T/S PARAMETERS

4 Ohm

Resonance frequency	Fs	37 Hz
DC Resistance	Re	3,39 Ohm
Mechanical Q Factor	Qms	10,35
Electrical Q Factor	Qes	0,32
Total Q Factor	Qts	0,31
BI Factor	Bl	15,87 Tm
Effective Moving Mass	Mms	103 g
Equivalent Gas air loaded	Vas	183 lt (dm ³) - 6,46 cuft
Suspension Compliance	Cms	0,18 mm/N
Effective Piston Diameter	D	330 mm - 12,99 in
Effective piston area	Sd	855 cm ² - 132,53 sq in
Max. Linear Excursion ⁵	Xmax	3,75 mm - 0,15 in
Voice Coil Inductance @ 1kHz	Le	0,6 mH
Half-space Efficiency	η0	2,81 %

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	388 mm - 15,28 in
Baffle Cutout Diameter	350 mm - 13,78 in
Flange and Gasket Thickness	14,5 mm - 0,57 in
Total Depth	175,5 mm - 6,91 in
Bolt Circle Diameter	370 mm - 14,57 in
Bolt Holes Quantity and Diameter	8 / 7 mm - 0,28 in
Net Weight	12,1 Kg - 26,65 lb
Shipping Units	1 Pc

NOTES

¹ Nominal power is determined according to AES2-1984 (r2003) standard.

² Program Power is defined as 3 dB greater than the Nominal rating.

³ 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.

⁴ 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.

⁵ Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.

⁶ Frequency response curve is measured on infinite baffle conditions.

⁷ Impedance curve is measured in free air conditions at small signals.