CT190

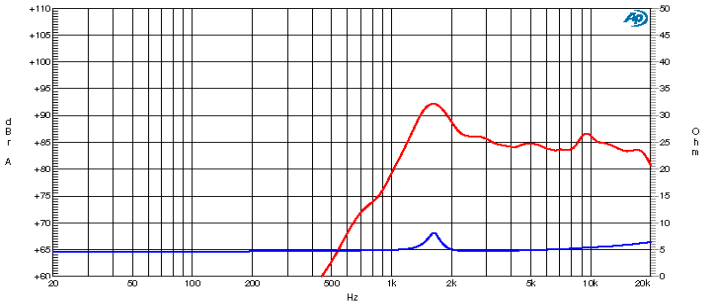
0,75" NEO Dome Tweeter

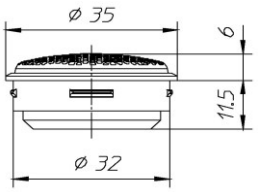
Program Power	**100 W**
Rated impedance	**4 Ohm**
Nominal diameter	**0,75"- 20 mm**
Sensitivity (1W/1m)	**89 dB**
Voice coil diameter	**0,78 in - 20 mm**
Frequency Range	**5000-20000 Hz**

SPECIFICATIONS

Nominal Diameter	0,75"- 20 mm
Rated Impedance	4 Ohm
Nominal Power Handling [1]	50 W
Program Power [2]	100 W
Sensitivity [3]	89 dB
Frequency Range [4]	5000-20000 Hz
Minimum Impedance	-
Flange material	-
Magnet Material	Neodymium
Diaphragm Material	Silk
Diaphragm Shape	Dome
Surround	-
Voice Coil Diameter	0,78 in - 20 mm
Voice Coil Winding Material	-
Voice Coil Former Material	Kapton
Flux Densitry	-
Ferrofluid	No
Connection type	-
Recommended Crossover Frequency	-

FREQUENCY RESPONSE AND IMPEDANCE CURVE [6] [7]





T/S PARAMETERS

4 Ohm

Resonance frequency	Fs	1500 Hz
DC Resistance	Re	3,2 Ohm
Mechanical Q Factor	Qms	14
Electrical Q Factor	Qes	4,2
Total Q Factor	Qts	3,2
Bl Factor	Bl	1,2 Tm
Effective Moving Mass	Mms	0,2 g
Suspension Compliance	Cms	0,06 mm/N
Effective Piston Diameter	D	23 mm - 0,91 in
Effective piston area	Sd	4 cm² - 0,62 sq in
Voice Coil Inductance @ 1kHz	Le	0,05 mH

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	35 mm - 1,38 in
Baffle Cutout Diameter	32 mm - 1,26 in
Flange Thickness	6 mm - 0,24 in
Total Depth	17,5 mm - 0,69 in
Bolt Circle Diameter	- -
Bolt Holes Quantity and Diameter	- / - -
Net Weight	0,05 Kg - 0,11 lb
Shipping Units	6 Pairs

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 IEC Baffle.
[7] Impedance curve is measured in free air conditions at small signals.