



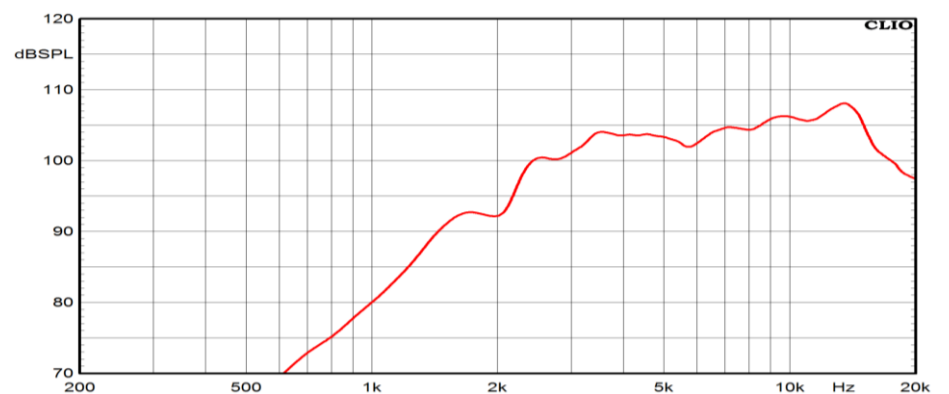
## 1,5" NEO Horn Tweeter

Program Power	400 W
Rated impedance	6 Ohm
Nominal diameter	1,5" - 38 mm
Sensitivity (2,83V/1m)	105 dB
Voice coil diameter	1,5 in - 38 mm
Frequency Range	4000-20000 Hz

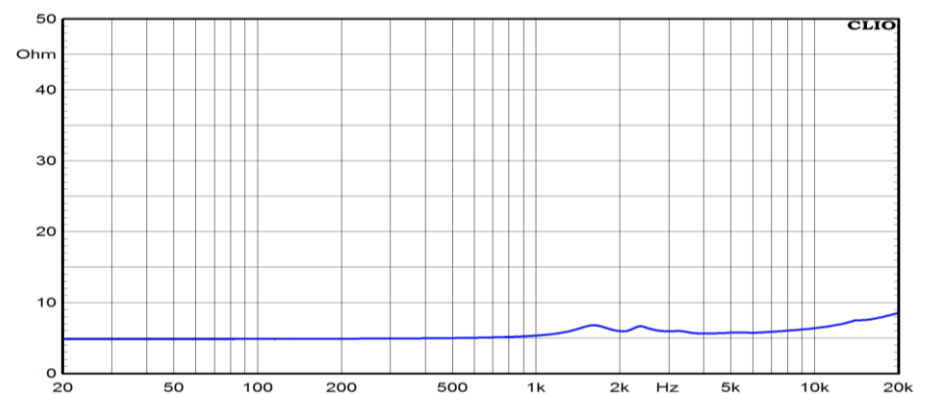
### SPECIFICATIONS

Nominal Diameter	1,5" - 38 mm
Rated Impedance	6 Ohm
Nominal Power Handling <sup>1</sup>	200 W
Program Power <sup>2</sup>	400 W
Sensitivity <sup>3</sup>	105 dB
Frequency Range <sup>4</sup>	4000-20000 Hz
Minimum Impedance	-
Flange material	-
Magnet Material	Neodymium
Diaphragm Material	Aluminum
Diaphragm Shape	Planar
Surround	-
Voice Coil Diameter	1,5 in - 38 mm
Voice Coil Winding Material	-
Voice Coil Former Material	Kapton
Flux Density	-
Ferrofluid	Yes
Connection type	Faston
Recommended Crossover Frequency	-

### FREQUENCY RESPONSE CURVE <sup>6</sup>



### FREE AIR IMPEDANCE CURVE <sup>7</sup>



### T/S PARAMETERS

6 Ohm

Resonance frequency	Fs	2000 Hz
DC Resistance	Re	4,5 Ohm
Mechanical Q Factor	Qms	0
Electrical Q Factor	Qes	0
Total Q Factor	Qts	0
Bl Factor	Bl	-
Effective Moving Mass	Mms	-
Suspension Compliance	Cms	-
Effective Piston Diameter	D	0 -
Effective piston area	Sd	0 -
Voice Coil Inductance @ 1kHz	Le	0,03 mH

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	150 mm - 5,91 in
Baffle Cutout Diameter	105 mm - 4,13 in
Flange Thickness	3 mm - 0,12 in
Total Depth	63 mm - 2,48 in
Bolt Circle Diameter	135 mm - 5,31 in
Bolt Holes Quantity and Diameter	4 / 5 mm - 0,2 in
Net Weight	0,75 Kg - 1,65 lb
Shipping Units	6 Pcs

### NOTES

- Nominal power is determined according to AES2-1984 (r2003) standard.
- Program Power is defined as 3 dB greater than the Nominal rating.
- 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.
- 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.
- Linear Math. Xmax is calculated as  $(Hvc-Hg)/2 + Hg/4$  where Hvc is the coil depth and Hg is the gapdepth.
- Frequency response curve in the range above 150 Hz is measured on infinite baffle conditions and simulated as per recommended loading in the range below 150 Hz.
- Impedance curve is measured in free air conditions at small signals.