

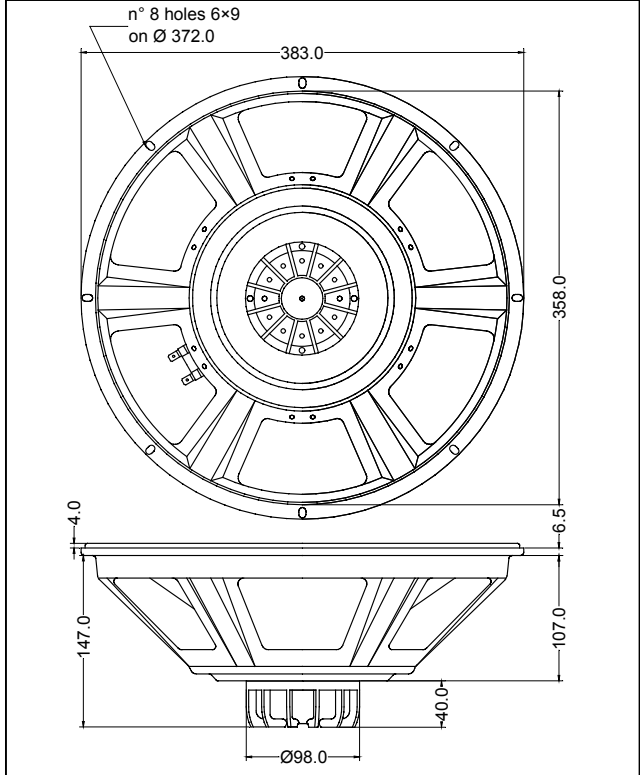
## 15" - 500W Professional Woofer

**15 L 2,5 SL - 8 Ω**  
Code Z008201

GENERAL CHARACTERISTICS		
Nominal Overall Diameter .....	385	mm
Nominal Voice Coil Diameter .....	65	mm
Magnet Weight .....	220	g
Flux Density.....	1.20	T
Weight.....	3.00	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance.....	8	Ω
Musical Power .....	500	W
Rated Power* .....	250	W
Sensitivity @ 1 W, 1 m .....	96.1	dB

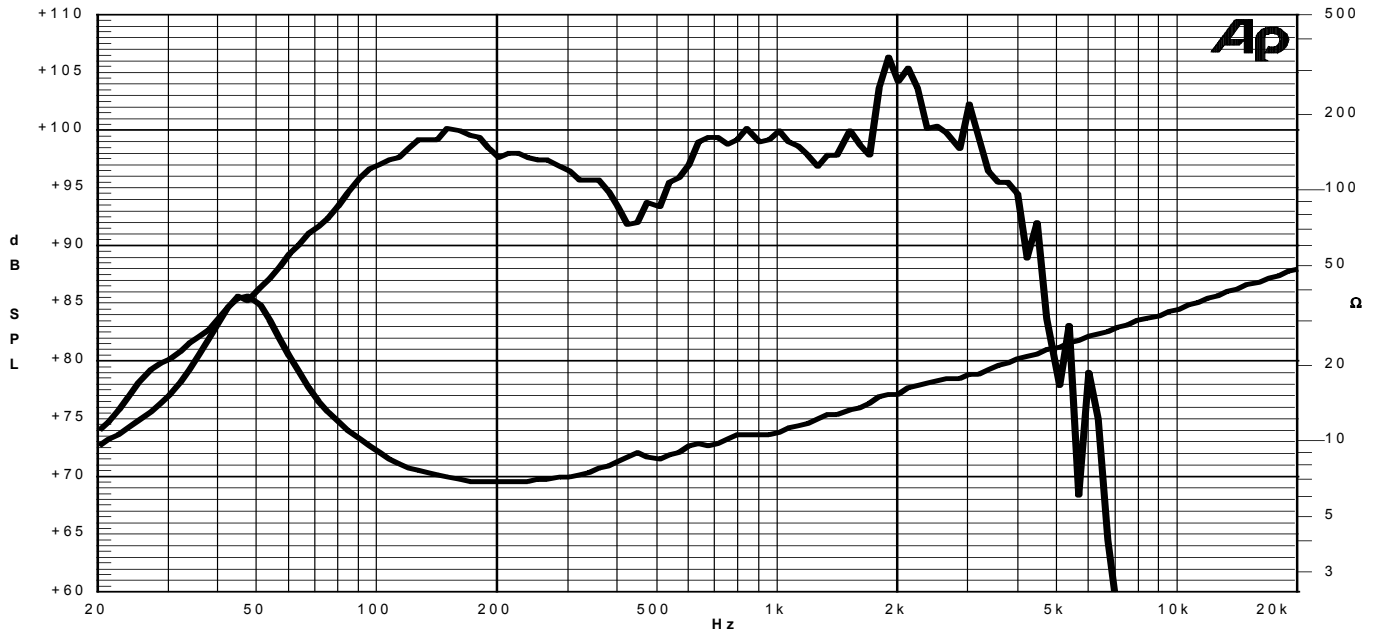
THIELE-SMALL PARAMETERS		
Voice Coil DC Resistance .....	$R_E$	6.27 Ω
Resonance Frequency .....	$f_s$	45.5 Hz
Mechanical Q Factor.....	$Q_{MS}$	2.95
Electrical Q Factor.....	$Q_{ES}$	0.57
Total Q Factor .....	$Q_{TS}$	0.48
Mechanical Moving Mass .....	$M_{MS}$	80.7 g
Mechanical Compliance .....	$C_{MS}$	151 μm/N
Force Factor .....	$B \times l$	15.91 Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	122.1 lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-4.0 mm
Reference Efficiency .....	$\eta_0$	1.94 %
Diaphragm Area .....	$S_D$	754.8 cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	32.4 Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.76 mH



CONSTRUCTIVE CHARACTERISTICS	
Magnet.....	Neodymium
Voice Coil Winding.....	Copper
Voice Coil Former.....	Aluminium
Cone .....	Paper
Surround.....	Treated Cloth
Dust Dome .....	Solid Paper
Basket .....	Pressed Sheet Steel

*\*rated power measured with 2 hours test with pink noise signal, 6 dB crest factor, loudspeaker mounted on enclosure  
Thiele-Small parameters measured with LASER system*

Frequency Response on IEC Baffle (DIN 45575) @ 1 W, 1 m - Impedance



*Due to continuing product improvement, the features and the design are subject to change without notice.*

12/11/07