

## 8" - 200W Midrange

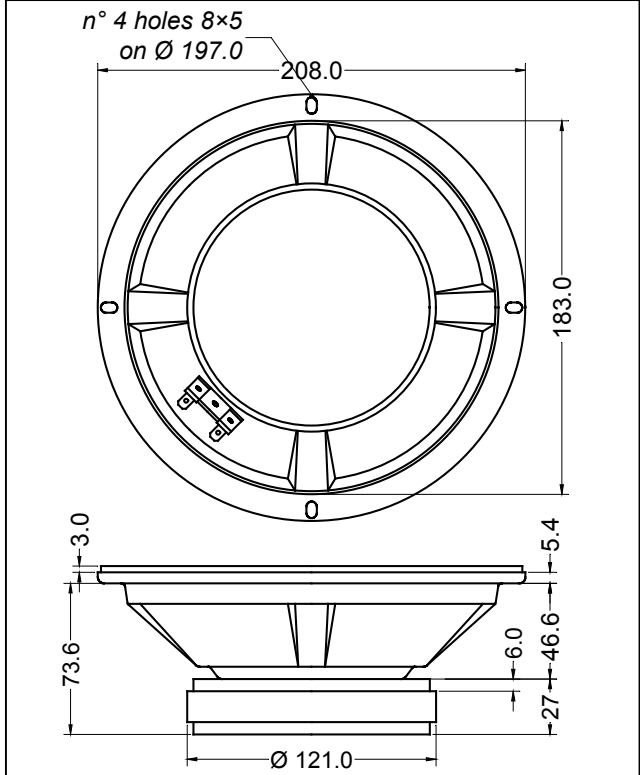
8 M 1,5 CS - 8 Ω

Code Z004930

GENERAL CHARACTERISTICS		
Nominal Overall Diameter .....	208	mm
Nominal Voice Coil Diameter .....	38	mm
Magnet Weight .....	640	g
Flux Density.....	1.15	T
Weight.....	2.00	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance.....	8	Ω
Musical Power .....	200	W
Rated Power* .....	100	W
Sensitivity @ 1 W, 1 m .....	98.7	dB

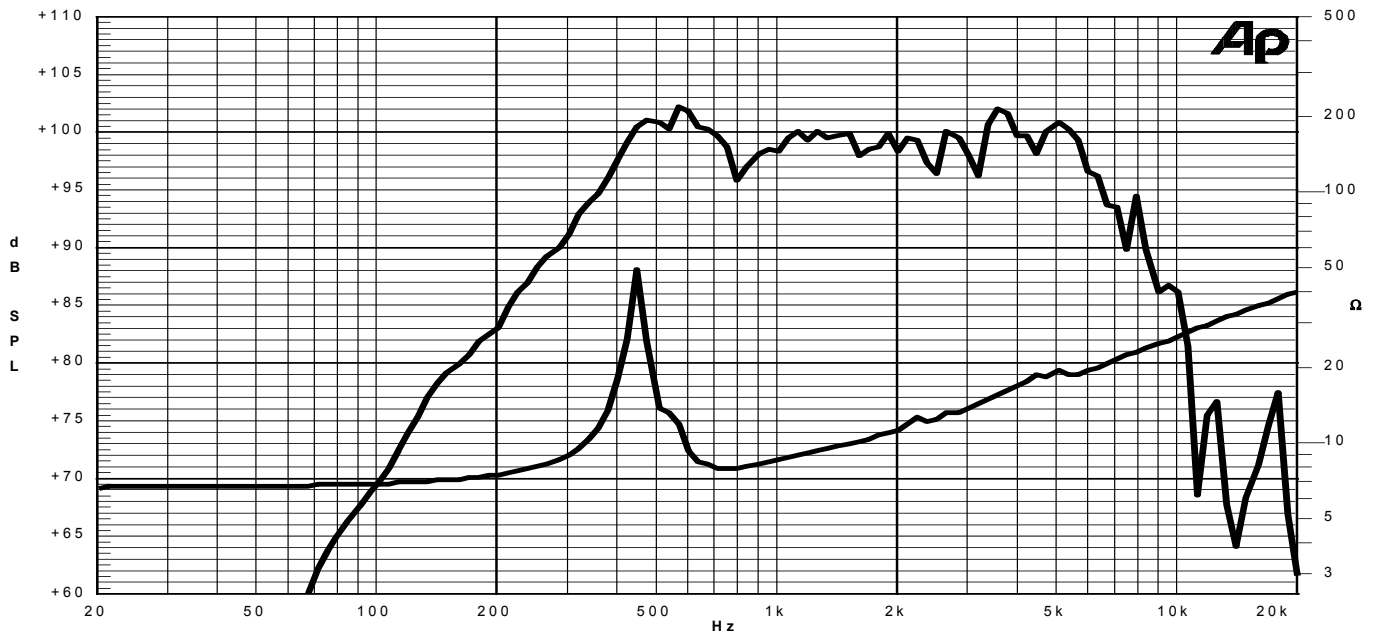
THIELE-SMALL PARAMETERS		
Voice Coil DC Resistance .....	$R_E$	6.00 Ω
Resonance Frequency .....	$f_s$	460.0 Hz
Mechanical Q Factor.....	$Q_{MS}$	12.36
Electrical Q Factor.....	$Q_{ES}$	2.13
Total Q Factor .....	$Q_{TS}$	1.82
Mechanical Moving Mass .....	$M_{MS}$	11.6 g
Mechanical Compliance .....	$C_{MS}$	10 μm/N
Force Factor .....	$B \times l$	9.83 Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	0.7 lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-1.0 mm
Reference Efficiency .....	$\eta_0$	2.91 %
Diaphragm Area .....	$S_D$	213.8 cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	36.0 Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.37 mH



CONSTRUCTIVE CHARACTERISTICS	
Magnet.....	Ferrite
Voice Coil Winding.....	Copper
Voice Coil Former.....	Epotex
Cone .....	Paper
Surround.....	Paper - Integrated
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

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.

04/03/05