

### GENERAL CHARACTERISTICS

Nominal Overall Diameter .....	306	mm
Nominal Voice Coil Diameter .....	32	mm
Magnet Weight .....	426	g
Flux Density.....	1.10	T

### THIELE-SMALL PARAMETERS

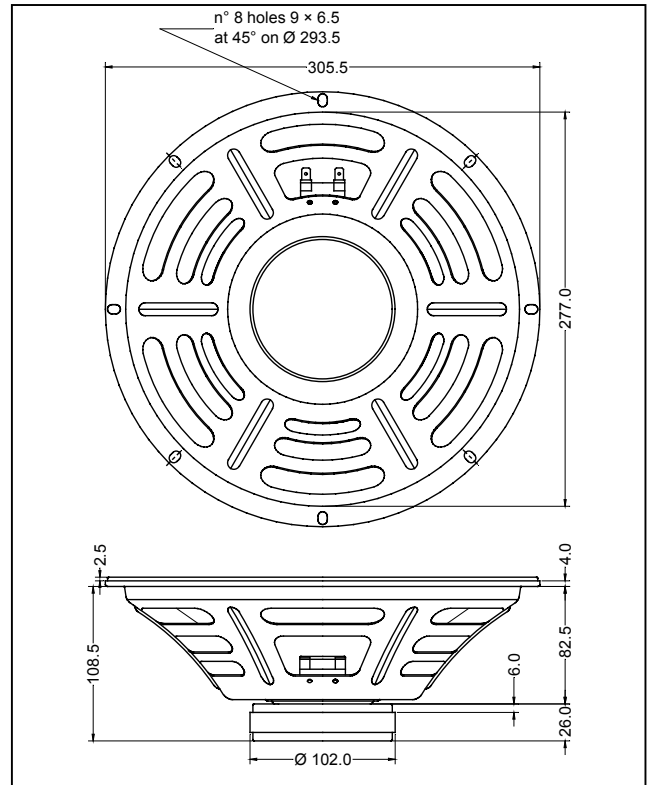
Voice Coil DC Resistance .....	$R_E$	6.30	Ω
Resonance Frequency .....	$f_s$	82.0	Hz
Mechanical Q Factor.....	$Q_{MS}$	7.50	
Electrical Q Factor.....	$Q_{ES}$	1.73	
Total Q Factor .....	$Q_{TS}$	1.40	
Mechanical Moving Mass .....	$M_{MS}$	29.4	g
Mechanical Compliance .....	$C_{MS}$	129.0	μm/N
Force Factor .....	$B \times l$	7.43	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	43.6	lt.
Maximum Linear Displacement ....	$X_{MAX}$	1.50	mm
Reference Efficiency .....	$\eta_0$	1.33	%
Diaphragm Area .....	$S_D$	490.9	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	28.0	Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.66	mH

### CONSTRUCTIVE CHARACTERISTICS

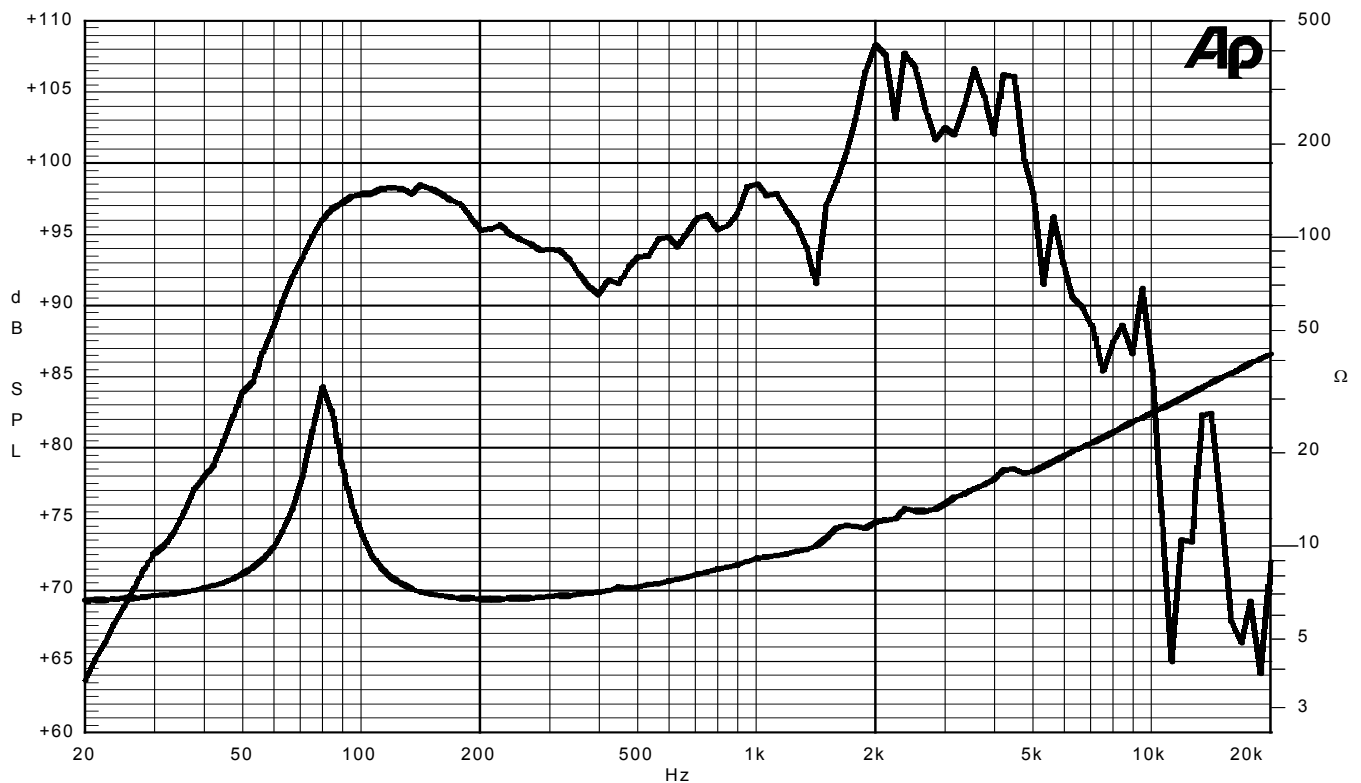
Magnet.....	Ferrite
Voice Coil Winding.....	Copper
Voice Coil Former.....	Epotex
Cone .....	Paper
Surround.....	Integrated Paper
Dust Dome .....	Non Treated Cloth
Basket .....	Pressed Sheet Steel

### ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Rated Power (DIN 45573 - IEC 268.5) .....	50	W
Musical Power (DIN 45500) .....	100	W
Sensitivity @ 1 W, 1 m .....	94.3	dB



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.

31/03/2005