

## 4" - 120W Extended Range

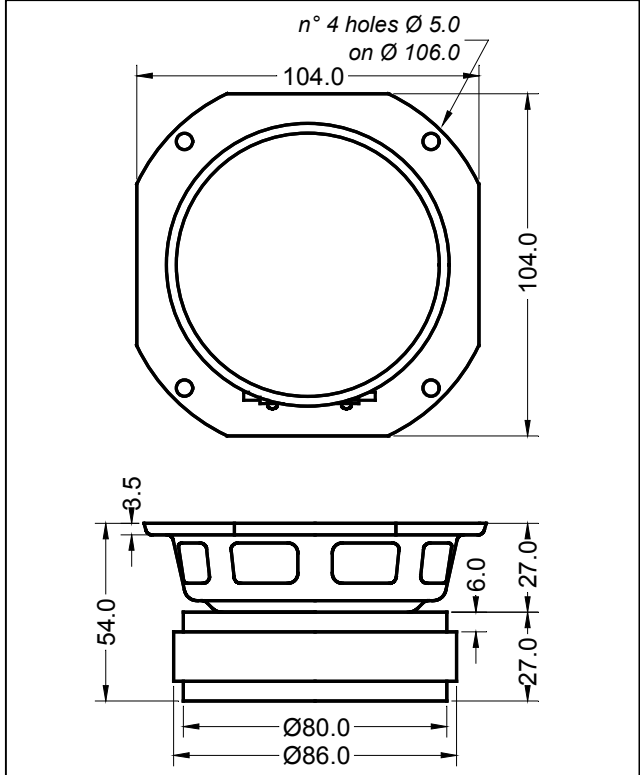
### LP 104.25/ 380 T 8 Ω

Code Z001800

GENERAL CHARACTERISTICS		
Nominal Overall Diameter .....	104	mm
Nominal Voice Coil Diameter .....	25	mm
Magnet Weight .....	380	g
Flux Density.....	1.10	T
Weight.....	0.95	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance.....	8	Ω
Musical Power .....	120	W
Rated Power* .....	60	W
Sensitivity @ 1 W, 1 m .....	91.7	dB

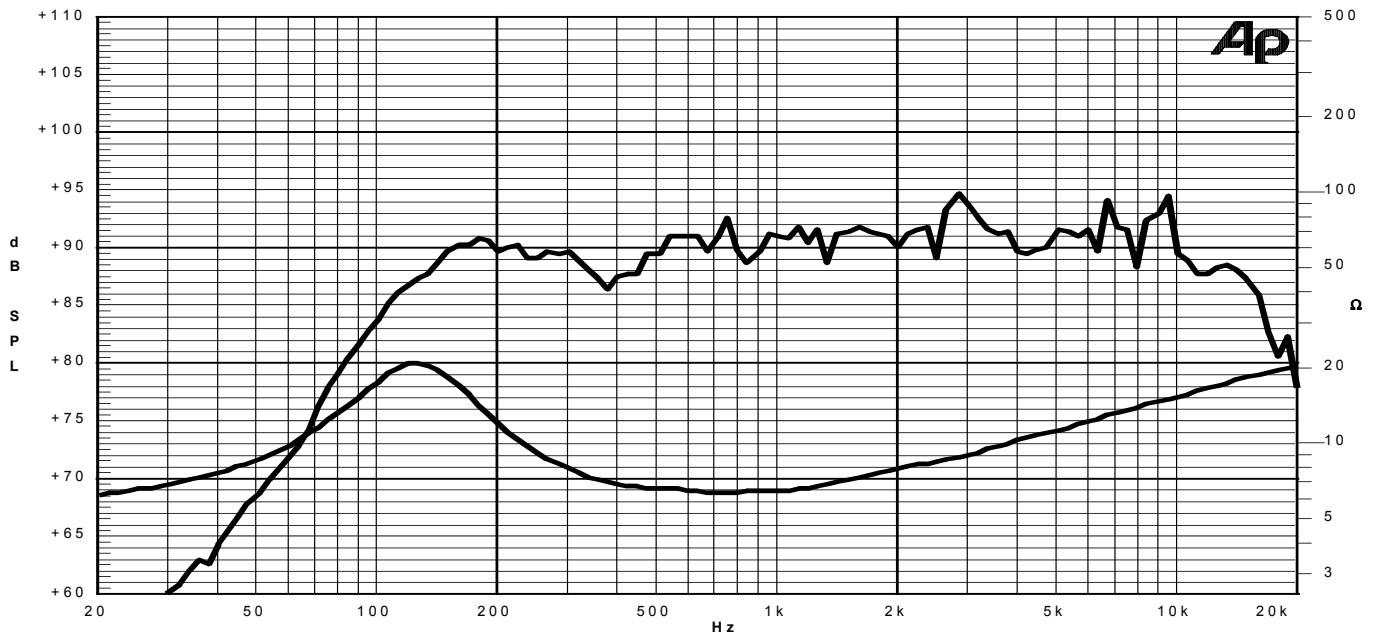
THIELE-SMALL PARAMETERS		
Voice Coil DC Resistance .....	$R_E$	5.29 Ω
Resonance Frequency .....	$f_s$	124.8 Hz
Mechanical Q Factor.....	$Q_{MS}$	1.54
Electrical Q Factor.....	$Q_{ES}$	0.52
Total Q Factor .....	$Q_{TS}$	0.39
Mechanical Moving Mass .....	$M_{MS}$	2.6 g
Mechanical Compliance .....	$C_{MS}$	625 μm/N
Force Factor .....	$B \times l$	4.53 Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	1.7 lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-1.5 mm
Reference Efficiency .....	$\eta_0$	0.61 %
Diaphragm Area .....	$S_D$	44.2 cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	15.5 Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.14 mH



CONSTRUCTIVE CHARACTERISTICS	
Magnet.....	Ferrite
Voice Coil Winding.....	Aluminium
Voice Coil Former.....	Aluminium
Cone .....	Paper
Surround.....	Treated Cloth
Dust Dome .....	PolyPropylene
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.

15/03/05