

## 3,5" - 60W Professional Woofer

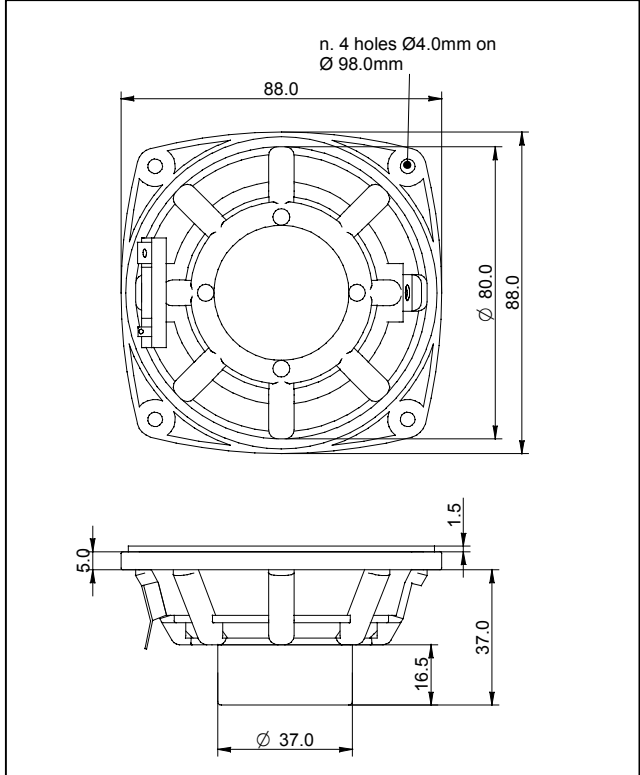
LP 88.25/N28 +14 G 8 Ω

Code Z000963

GENERAL CHARACTERISTICS		
Nominal Overall Diameter .....	88	mm
Nominal Voice Coil Diameter .....	25	mm
Magnet Weight .....	28	g
Flux Density.....	1.20	T
Weight.....	0.16	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance.....	8	Ω
Musical Power .....	60	W
Rated Power* .....	30	W
Sensitivity @ 1 W, 1 m .....	88.7	dB

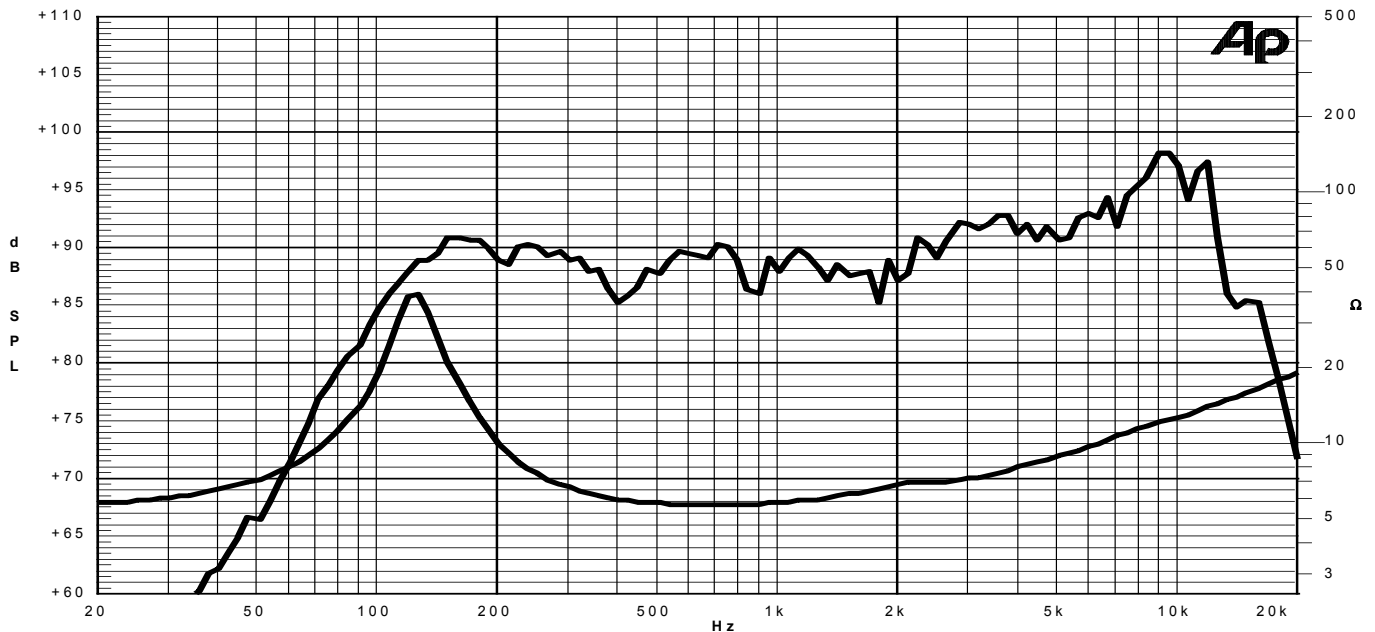
THIELE-SMALL PARAMETERS		
Voice Coil DC Resistance .....	$R_E$	5.12 Ω
Resonance Frequency .....	$f_s$	124.0 Hz
Mechanical Q Factor.....	$Q_{MS}$	4.68
Electrical Q Factor.....	$Q_{ES}$	0.67
Total Q Factor .....	$Q_{TS}$	0.58
Mechanical Moving Mass .....	$M_{MS}$	3.3 g
Mechanical Compliance .....	$C_{MS}$	493 μm/N
Force Factor .....	$B \times l$	4.47 Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	1.0 lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-1.0 mm
Reference Efficiency .....	$\eta_0$	0.28 %
Diaphragm Area .....	$S_D$	38.5 cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	35.9 Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.12 mH



CONSTRUCTIVE CHARACTERISTICS	
Magnet.....	Neodymium
Voice Coil Winding.....	Copper
Voice Coil Former.....	Kapton
Cone .....	Paper
Surround.....	Rubber
Dust Dome .....	Treated Cloth
Basket .....	Plastic

\*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.

08/06/10