

## 5" - 120W Professional Woofer

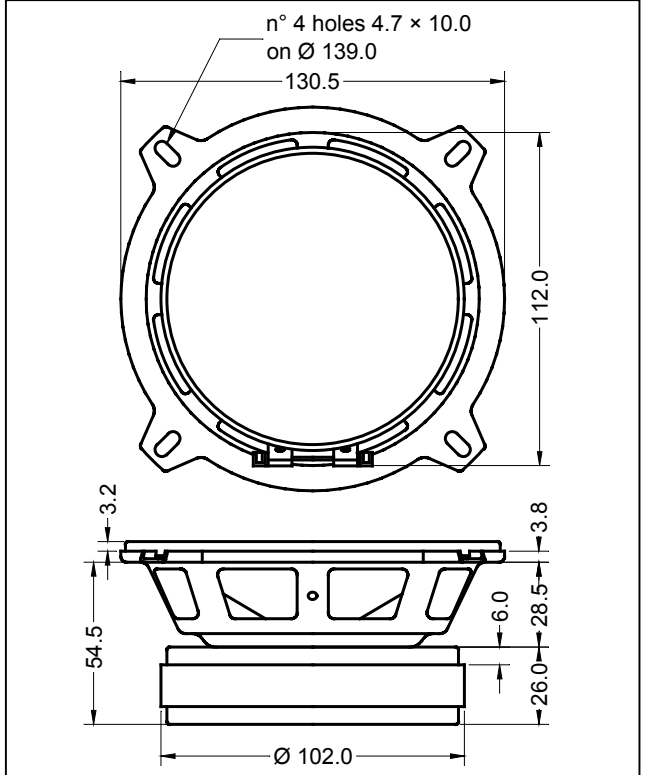
LP 129.32/ 426 G 16 Ω

Code Z002603

GENERAL CHARACTERISTICS		
Nominal Overall Diameter .....	129	mm
Nominal Voice Coil Diameter .....	32	mm
Magnet Weight .....	426	g
Flux Density.....	1.18	T
Weight.....	1.32	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance.....	16	Ω
Musical Power .....	120	W
Rated Power* .....	60	W
Sensitivity @ 1 W, 1 m .....	87.1	dB

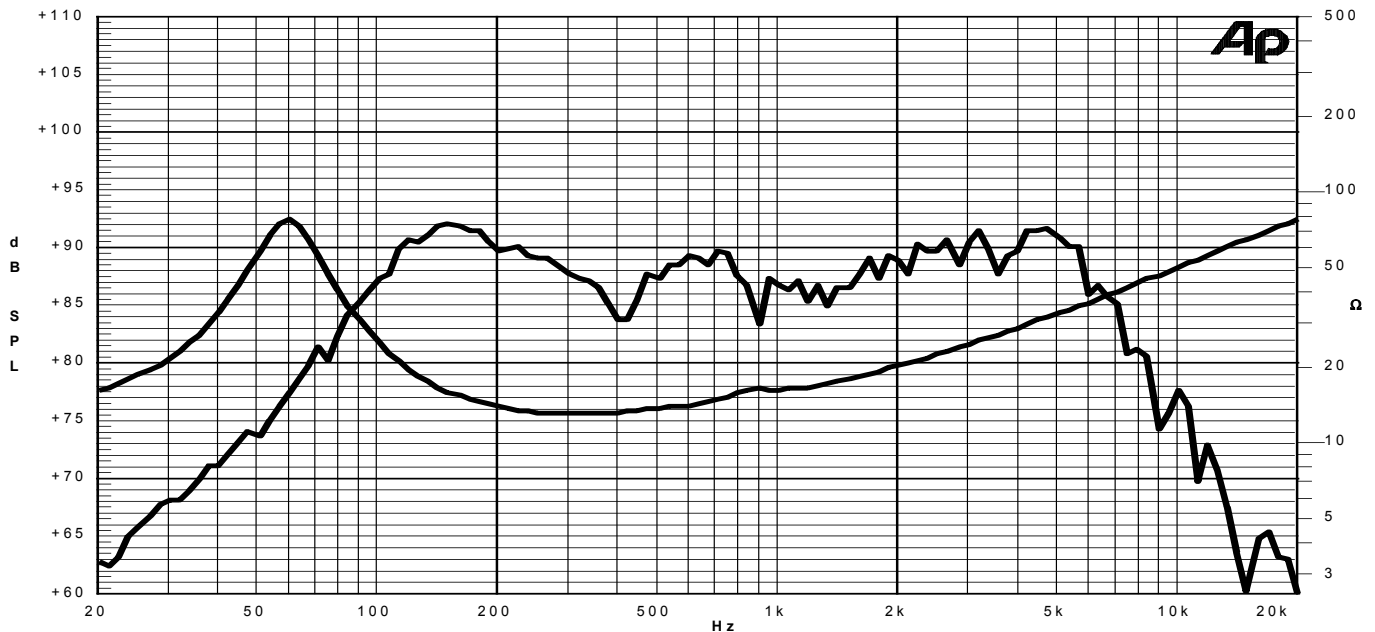
THIELE-SMALL PARAMETERS			
Voice Coil DC Resistance .....	$R_E$	12.55	Ω
Resonance Frequency .....	$f_s$	59.1	Hz
Mechanical Q Factor.....	$Q_{MS}$	3.00	
Electrical Q Factor.....	$Q_{ES}$	0.53	
Total Q Factor .....	$Q_{TS}$	0.45	
Mechanical Moving Mass .....	$M_{MS}$	9.5	g
Mechanical Compliance .....	$C_{MS}$	760	μm/N
Force Factor .....	$B \times l$	9.12	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	6.6	lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-4.0	mm
Reference Efficiency .....	$\eta_0$	0.24	%
Diaphragm Area .....	$S_D$	78.5	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	70.5	Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.95	mH



CONSTRUCTIVE CHARACTERISTICS	
Magnet.....	Ferrite
Voice Coil Winding.....	Copper
Voice Coil Former.....	Epotex
Cone .....	PolyPropylene
Surround.....	Rubber
Dust Dome .....	Treated Cloth
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.

19/10/10