

## 6" - 160W Midrange

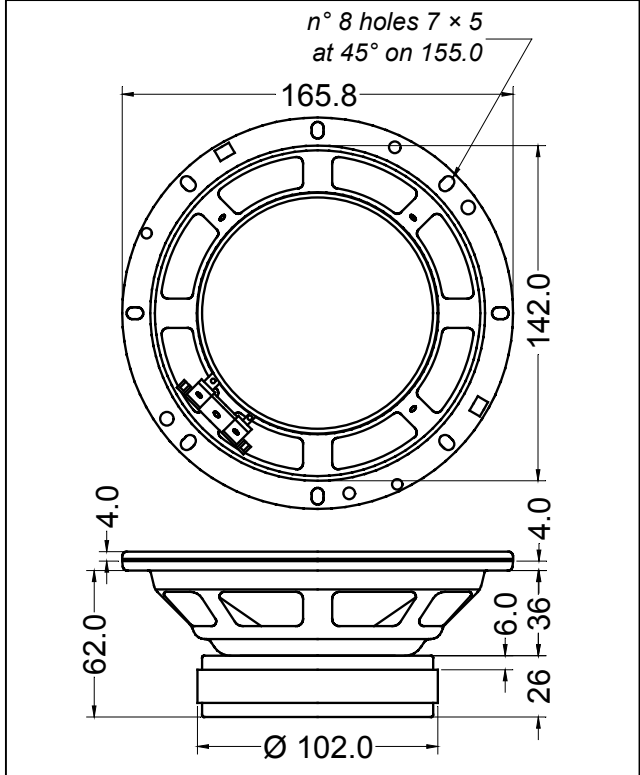
6 M 1,5 CS - 8 Ω

Code Z004040

GENERAL CHARACTERISTICS		
Nominal Overall Diameter .....	165	mm
Nominal Voice Coil Diameter .....	38	mm
Magnet Weight .....	426	g
Flux Density.....	1.05	T
Weight.....	1.40	Kg

ELECTRICAL CHARACTERISTICS	
Nominal Impedance.....	8 Ω
Musical Power .....	160 W
Rated Power* .....	80 W
Sensitivity @ 1 W, 1 m .....	91.9 dB

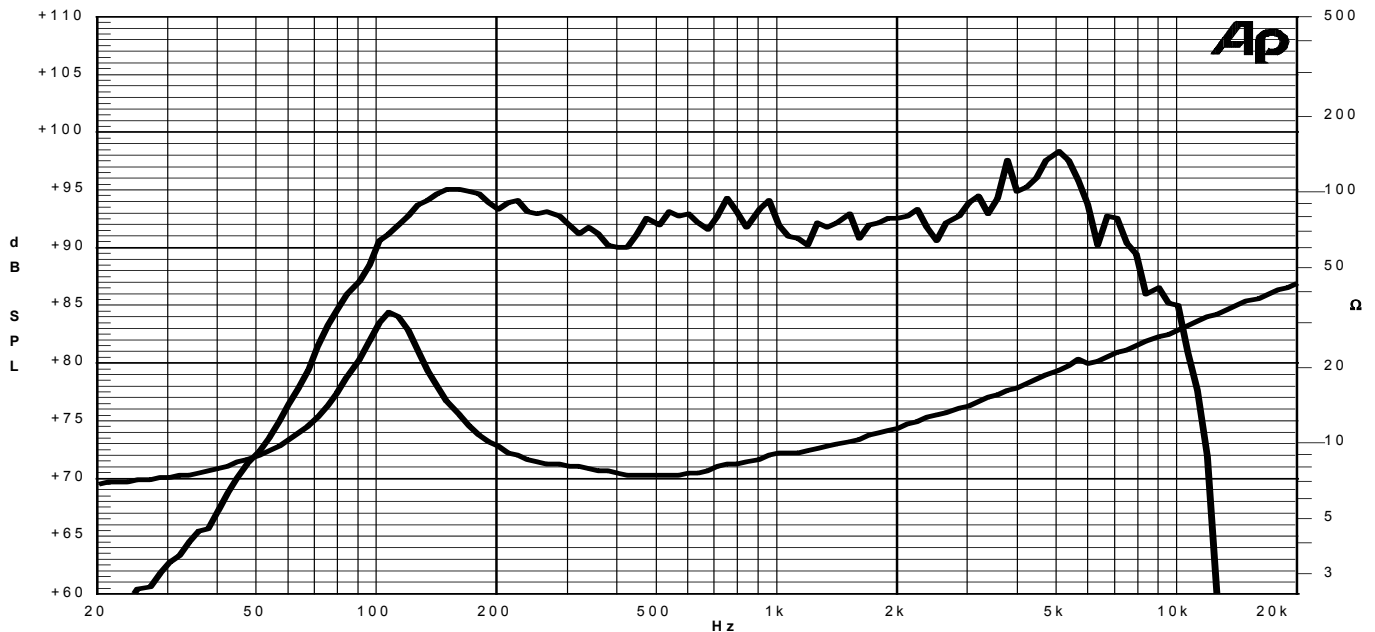
THIELE-SMALL PARAMETERS		
Voice Coil DC Resistance .....	$R_E$	6.00 Ω
Resonance Frequency .....	$f_s$	109.5 Hz
Mechanical Q Factor.....	$Q_{MS}$	3.35
Electrical Q Factor.....	$Q_{ES}$	0.79
Total Q Factor .....	$Q_{TS}$	0.64
Mechanical Moving Mass .....	$M_{MS}$	9.7 g
Mechanical Compliance .....	$C_{MS}$	216 μm/N
Force Factor .....	$B \times l$	7.14 Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	4.6 lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-1.0 mm
Reference Efficiency .....	$\eta_0$	0.73 %
Diaphragm Area .....	$S_D$	122.7 cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	25.4 Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.61 mH



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