

GENERAL CHARACTERISTICS

Nominal Overall Diameter	388	mm
Nominal Voice Coil Diameter	75	mm
Magnet Weight	560	g
Flux Density.....	1.42	T
Weight.....	4.00	Kg

THIELE-SMALL PARAMETERS

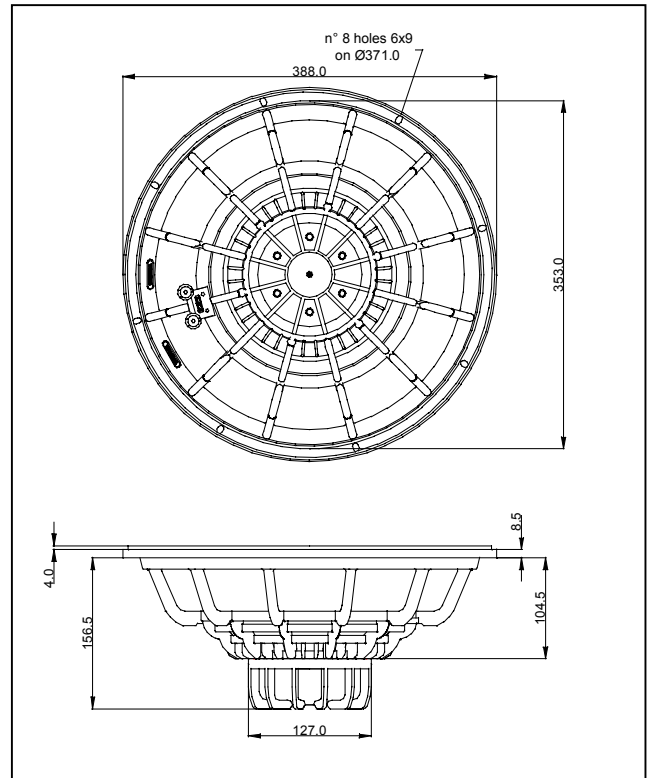
Voice Coil DC Resistance	R_E	3.19	Ω
Resonance Frequency	f_s	43.2	Hz
Mechanical Q Factor.....	Q_{MS}	8.14	
Electrical Q Factor.....	Q_{ES}	0.27	
Total Q Factor	Q_{TS}	0.26	
Mechanical Moving Mass	M_{MS}	89.2	g
Mechanical Compliance	C_{MS}	152	$\mu\text{m}/\text{N}$
Force Factor	$B \times l$	17.05	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	157.3	lt.
Maximum Linear Displacement	X_{MAX}	+/-4.5	mm
Reference Efficiency	η_0	4.60	%
Diaphragm Area	S_D	855.3	cm^2
Losses Electrical Resistance.....	R_{ES}	97.7	Ω
Voice Coil Inductance @ 1kHz	L_E	0.27	mH

CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Neodymium
Voice Coil Winding.....	Aluminium
Voice Coil Former.....	Kapton
Cone	Paper
Surround.....	Treated Cloth
Dust Dome	Solid Paper
Basket	Aluminium Die-Cast

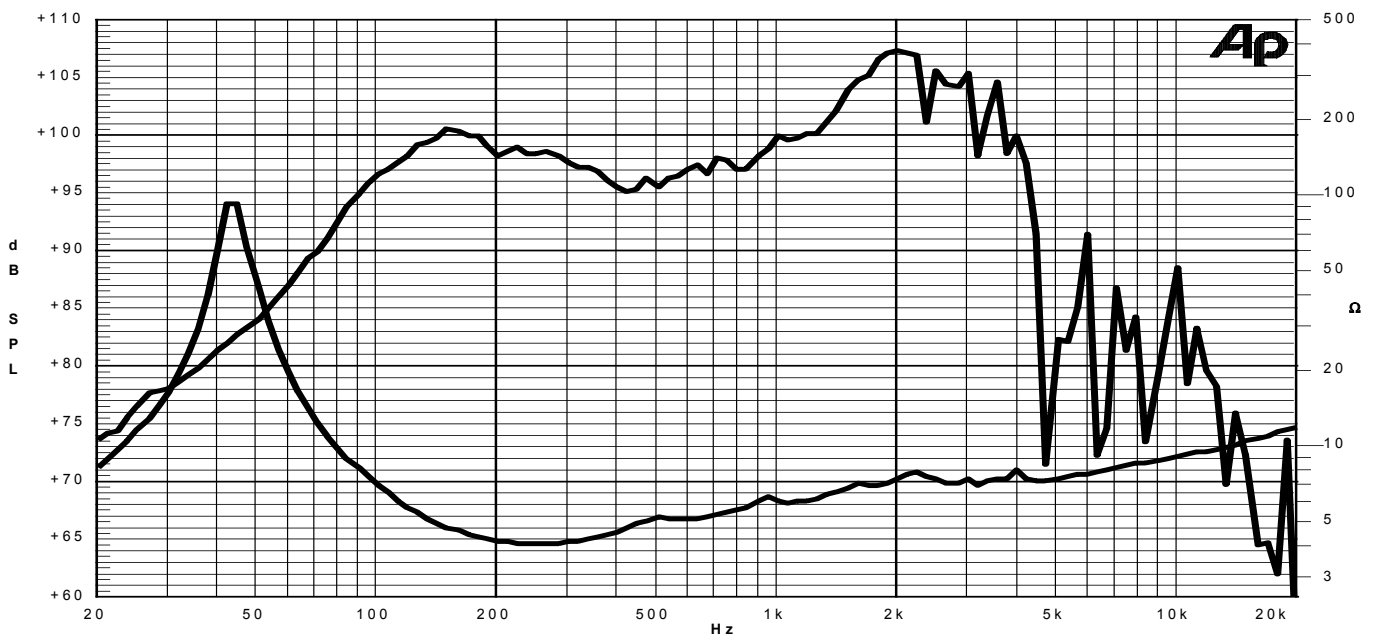
ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	4	Ω
Musical Power	700	W
Rated Power*	350	W
Sensitivity @ 1 W, 1 m	99.8	dB



*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.

23/02/10