

GENERAL CHARACTERISTICS

Nominal Overall Diameter	259	mm
Nominal Voice Coil Diameter	50	mm
Magnet Weight	200	g
Flux Density.....	1.20	T
Weight.....	1.75	Kg

THIELE-SMALL PARAMETERS

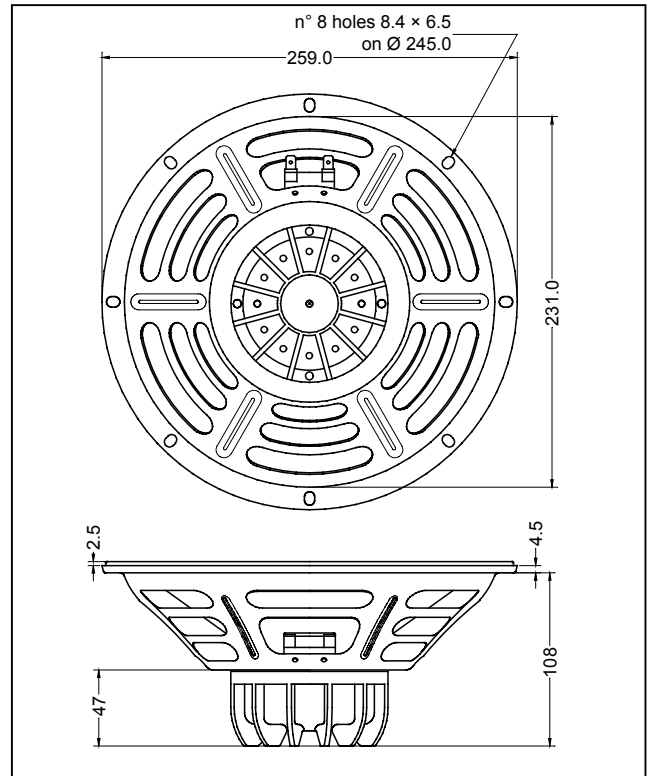
Voice Coil DC Resistance	R_E	6.96	Ω
Resonance Frequency	f_s	102.7	Hz
Mechanical Q Factor.....	Q_{MS}	15.89	
Electrical Q Factor.....	Q_{ES}	0.51	
Total Q Factor	Q_{TS}	0.49	
Mechanical Moving Mass	M_{MS}	17.6	g
Mechanical Compliance	C_{MS}	136	μm/N
Force Factor	$B \times l$	12.48	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	20.8	lt.
Maximum Linear Displacement	X_{MAX}	+/-1.0	mm
Reference Efficiency	η_0	4.26	%
Diaphragm Area	S_D	330.0	cm ²
Losses Electrical Resistance.....	R_{ES}	217.3	Ω
Voice Coil Inductance @ 1kHz	L_E	0.81	mH

CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Neodymium
Voice Coil Winding.....	Copper
Voice Coil Former.....	Nomex
Cone	Paper
Surround.....	Paper - Integrated
Dust Dome	Non Treated Cloth
Basket	Pressed Sheet Steel

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power	200	W
Rated Power*	100	W
Sensitivity @ 1 W, 1 m	98.9	dB



*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

