

GENERAL CHARACTERISTICS

Nominal Overall Diameter	259	mm
Nominal Voice Coil Diameter	25	mm
Magnet Weight	270	g
Flux Density.....	1.00	T
Weight.....	1.20	Kg

THIELE-SMALL PARAMETERS

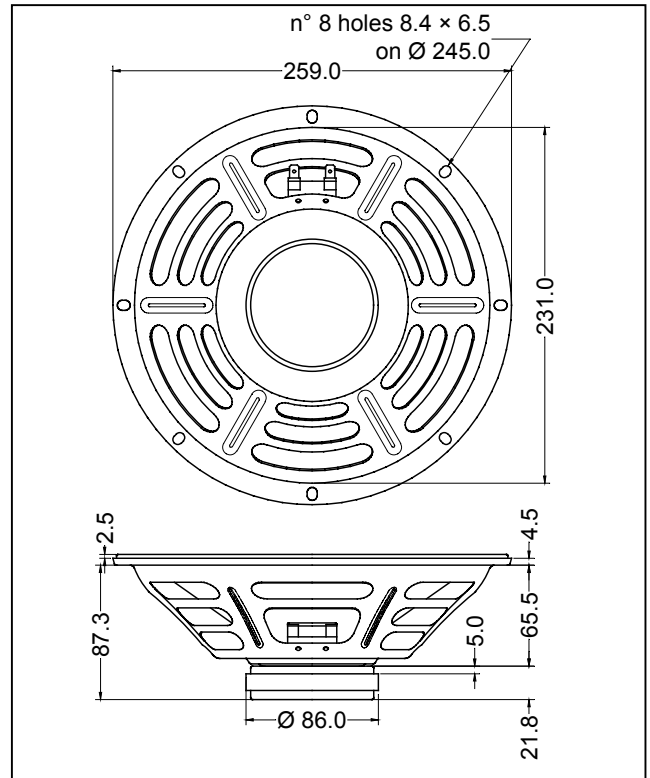
Voice Coil DC Resistance	R_E	6.60	Ω
Resonance Frequency	f_s	96.0	Hz
Mechanical Q Factor.....	Q_{MS}	10.56	
Electrical Q Factor.....	Q_{ES}	1.66	
Total Q Factor	Q_{TS}	1.44	
Mechanical Moving Mass	M_{MS}	14.1	g
Mechanical Compliance	C_{MS}	194	μm/N
Force Factor	$B \times l$	5.82	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	29.7	lt.
Maximum Linear Displacement	X_{MAX}	+/-0.8	mm
Reference Efficiency	η_0	1.50	%
Diaphragm Area	S_D	330.0	cm ²
Losses Electrical Resistance.....	R_{ES}	42.0	Ω
Voice Coil Inductance @ 1kHz	L_E	0.53	mH

CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Ferrite
Voice Coil Winding.....	Copper
Voice Coil Former.....	Kapton
Cone	Paper
Surround.....	Paper - Integrated
Dust Dome	Solid Paper
Basket	Pressed Sheet Steel

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power	50	W
Rated Power*	25	W
Sensitivity @ 1 W, 1 m	94.7	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

