

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

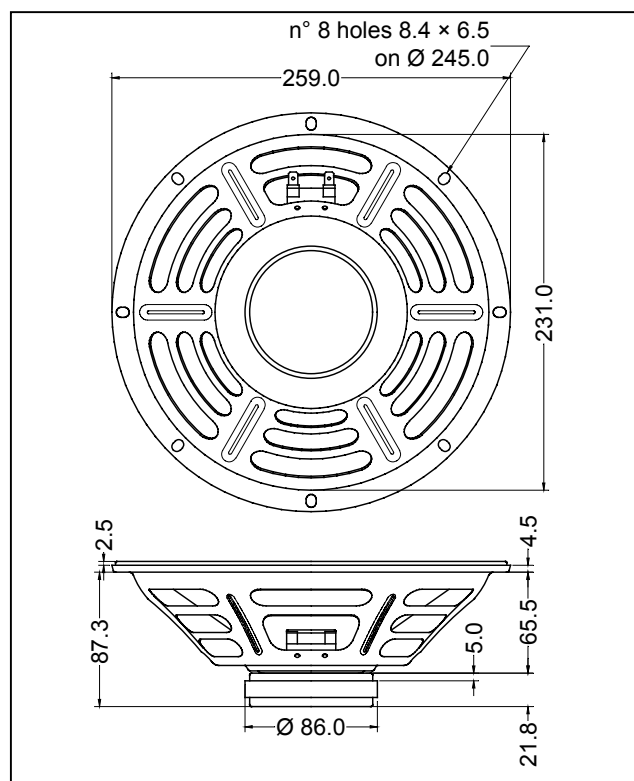
Voice Coil DC Resistance	R_E	12.00	Ω
Resonance Frequency	f_s	105.0	Hz
Mechanical Q Factor.....	Q_{MS}	9.70	
Electrical Q Factor.....	Q_{ES}	2.26	
Total Q Factor	Q_{TS}	1.83	
Mechanical Moving Mass	M_{MS}	14.3	g
Mechanical Compliance	C_{MS}	159	$\mu\text{m}/\text{N}$
Force Factor	$B \times l$	7.12	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	24.3	lt.
Maximum Linear Displacement	X_{MAX}	+/-1.0	mm
Reference Efficiency	η_0	1.22	%
Diaphragm Area	S_D	330.0	cm^2
Losses Electrical Resistance.....	R_{ES}	52.0	Ω
Voice Coil Inductance @ 1kHz	L_E	0.76	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.....	16	Ω
Musical Power	50	W
Rated Power*	25	W
Sensitivity @ 1 W, 1 m	94.1	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

