

GENERAL CHARACTERISTICS

Nominal Overall Diameter	207	mm
Nominal Voice Coil Diameter	25	mm
Magnet Weight	270	g
Flux Density.....	1.10	T
Weight	0.95	Kg

THIELE-SMALL PARAMETERS

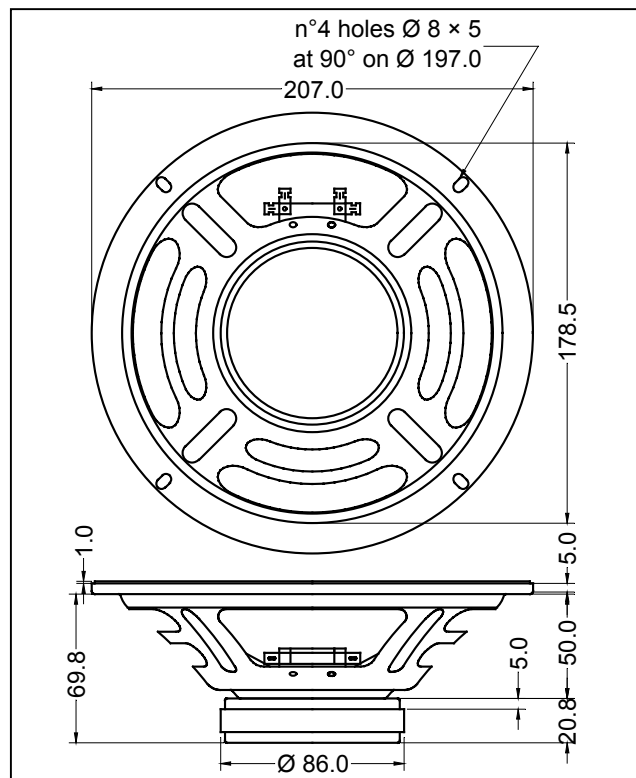
Voice Coil DC Resistance	R_E	6.50	Ω
Resonance Frequency	f_s	136.0	Hz
Mechanical Q Factor.....	Q_{MS}	17.18	
Electrical Q Factor.....	Q_{ES}	1.33	
Total Q Factor	Q_{TS}	1.23	
Mechanical Moving Mass	M_{MS}	9.5	g
Mechanical Compliance	C_{MS}	144	$\mu\text{m/N}$
Force Factor	$B \times l$	6.23	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	9.3	lt.
Maximum Linear Displacement	X_{MAX}	+/-0.5	mm
Reference Efficiency	η_0	1.70	%
Diaphragm Area	S_D	213.8	cm^2
Losses Electrical Resistance.....	R_{ES}	82.0	Ω
Voice Coil Inductance @ 1kHz	L_E	0.66	mH

CONSTRUCTIVE CHARACTERISTICS

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

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power	70	W
Rated Power*	35	W
Sensitivity @ 1 W, 1 m	95.3	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

