

GENERAL CHARACTERISTICS

Nominal Overall Diameter	318	mm
Nominal Voice Coil Diameter	38	mm
Magnet Weight	1100	g
Flux Density.....	1.10	T
Weight	3.70	Kg

THIELE-SMALL PARAMETERS

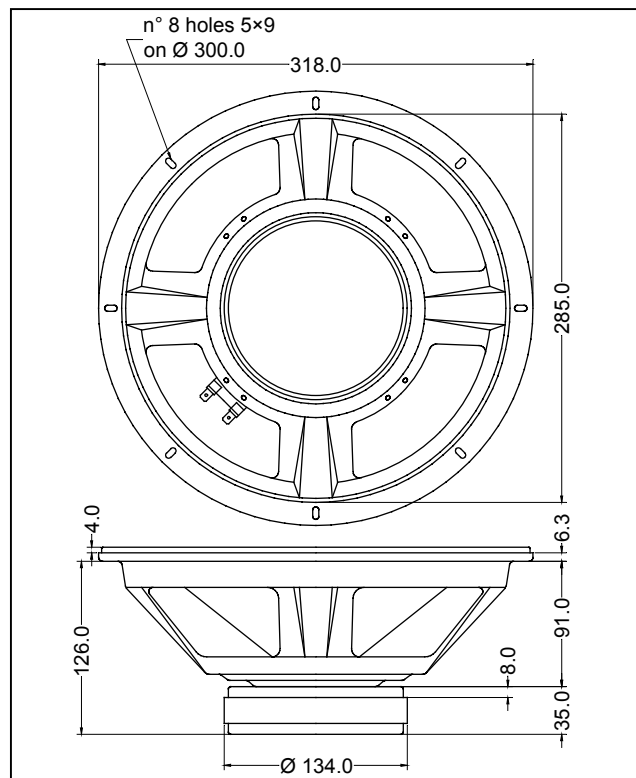
Voice Coil DC Resistance	R_E	5.29	Ω
Resonance Frequency	f_s	68.9	Hz
Mechanical Q Factor.....	Q_{MS}	18.88	
Electrical Q Factor.....	Q_{ES}	0.61	
Total Q Factor	Q_{TS}	0.59	
Mechanical Moving Mass	M_{MS}	27.4	g
Mechanical Compliance	C_{MS}	196	$\mu\text{m/N}$
Force Factor	$B \times l$	10.14	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	66.2	lt.
Maximum Linear Displacement	X_{MAX}	+/-0.5	mm
Reference Efficiency	η_0	3.41	%
Diaphragm Area	S_D	490.8	cm^2
Losses Electrical Resistance.....	R_{ES}	163.2	Ω
Voice Coil Inductance @ 1kHz	L_E	0.33	mH

CONSTRUCTIVE CHARACTERISTICS

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

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power	200	W
Rated Power*	100	W
Sensitivity @ 1 W, 1 m	99.1	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

