

GENERAL CHARACTERISTICS

Nominal Overall Diameter	320	mm
Nominal Voice Coil Diameter	75	mm
Magnet Weight	360	g
Flux Density.....	1.21	T
Weight	3.10	Kg

THIELE-SMALL PARAMETERS

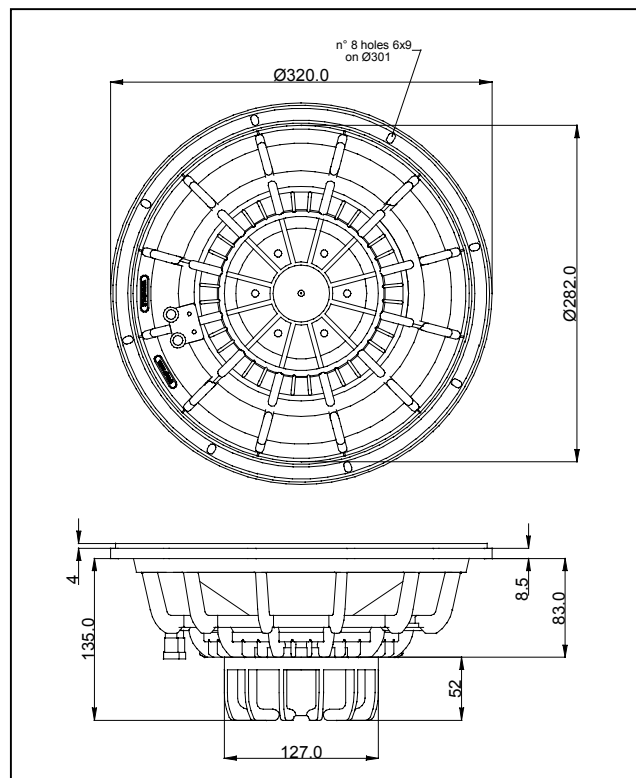
Voice Coil DC Resistance	R_E	5.20	Ω
Resonance Frequency	f_s	50.1	Hz
Mechanical Q Factor.....	Q_{MS}	7.30	
Electrical Q Factor.....	Q_{ES}	0.37	
Total Q Factor	Q_{TS}	0.35	
Mechanical Moving Mass	M_{MS}	61.7	g
Mechanical Compliance	C_{MS}	160	$\mu\text{m/N}$
Force Factor	$B \times l$	16.61	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	65.1	lt.
Maximum Linear Displacement	X_{MAX}	+/-5.0	mm
Reference Efficiency	η_0	2.15	%
Diaphragm Area	S_D	530.9	cm^2
Losses Electrical Resistance.....	R_{ES}	103.6	Ω
Voice Coil Inductance @ 1kHz	L_E	0.60	mH

CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Neodymium
Voice Coil Winding.....	Aluminium
Voice Coil Former.....	Kapton
Cone	Paper
Surround.....	Treated Cloth
Dust Dome	Solid Paper
Basket	Aluminium Die-Cast

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power	700	W
Rated Power*	350	W
Sensitivity @ 1 W, 1 m	97.4	dB



*rated power measured with 2 hours test with pink noise signal, 6 dB crest factor, loudspeaker mounted on enclosure
Thiele-Small parameters measured with LASER system

Frequency Response on IEC Baffle (DIN 45575) @ 1 W, 1 m - Free Air Impedance

