

GENERAL CHARACTERISTICS

Nominal Overall Diameter	268	mm
Nominal Voice Coil Diameter	50	mm
Magnet Weight	270	g
Flux Density.....	1.42	T
Weight.....	2.5	Kg

THIELE-SMALL PARAMETERS

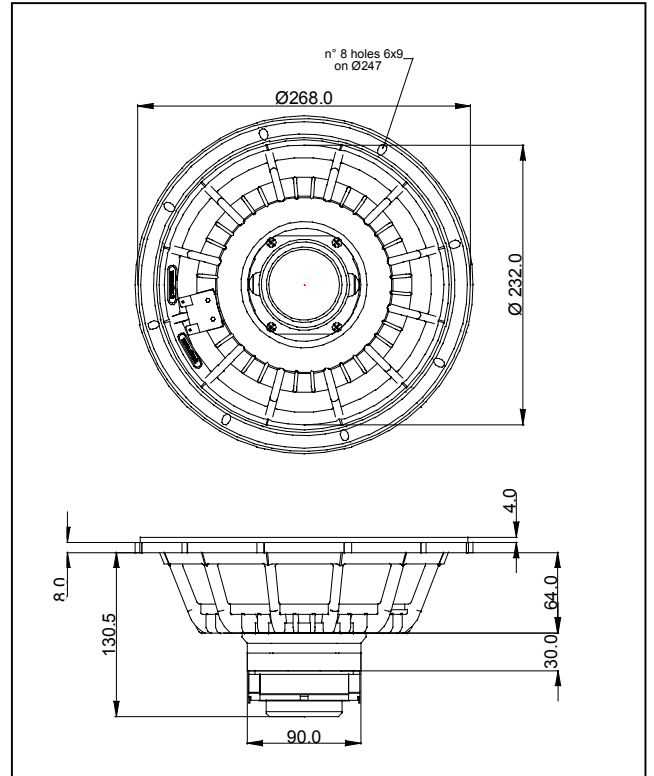
Voice Coil DC Resistance	R_E	6.25	Ω
Resonance Frequency	f_s	57.4	Hz
Mechanical Q Factor.....	Q_{MS}	6.07	
Electrical Q Factor.....	Q_{ES}	0.27	
Total Q Factor	Q_{TS}	0.26	
Mechanical Moving Mass	M_{MS}	29.8	g
Mechanical Compliance	C_{MS}	260	μm/N
Force Factor	$B \times l$	15.75	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	43.7	lt.
Maximum Linear Displacement	X_{MAX}	+/-3.0	mm
Reference Efficiency	η_0	2.93	%
Diaphragm Area	S_D	346.3	cm ²
Losses Electrical Resistance.....	R_{ES}	139.7	Ω
Voice Coil Inductance @ 1kHz	L_E	0.76	mH

CONSTRUCTIVE CHARACTERISTICS

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

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power	300	W
Rated Power*	150	W
Sensitivity @ 1 W, 1 m	97.9	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

