

GENERAL CHARACTERISTICS

Nominal Overall Diameter	166	mm
Nominal Voice Coil Diameter	50	mm
Magnet Weight	240	g
Flux Density.....	1.42	T
Weight.....	2.00	Kg

THIELE-SMALL PARAMETERS

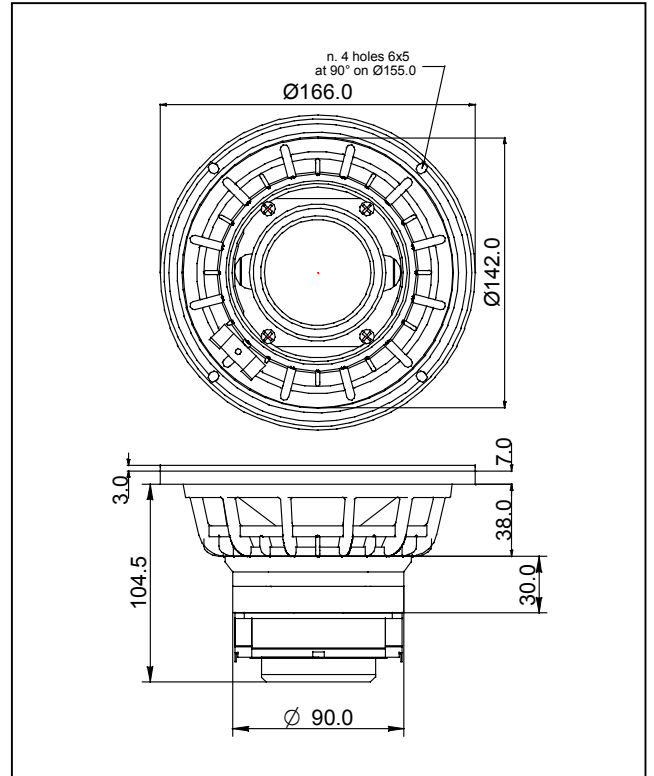
Voice Coil DC Resistance	R_E	6.23	Ω
Resonance Frequency	f_s	73.4	Hz
Mechanical Q Factor.....	Q_{MS}	2.65	
Electrical Q Factor.....	Q_{ES}	0.21	
Total Q Factor	Q_{TS}	0.19	
Mechanical Moving Mass	M_{MS}	15.8	g
Mechanical Compliance	C_{MS}	298	μm/N
Force Factor	$B \times l$	14.74	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	6.3	lt.
Maximum Linear Displacement	X_{MAX}	+/-3.0	mm
Reference Efficiency	η_0	1.15	%
Diaphragm Area	S_D	122.7	cm ²
Losses Electrical Resistance.....	R_{ES}	79.1	Ω
Voice Coil Inductance @ 1kHz	L_E	0.47	mH

CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Neodymium
Voice Coil Winding.....	Copper
Voice Coil Former.....	Kapton
Cone	Paper
Surround.....	Treated Cloth
Dust Dome	None
Basket	Aluminium Die-Cast

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power	300	W
Rated Power*	150	W
Sensitivity @ 1 W, 1 m	93.9	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

