

GENERAL CHARACTERISTICS

Nominal Overall Diameter	208	mm
Nominal Voice Coil Diameter	38	mm
Magnet Weight	426	g
Flux Density.....	0.95	T
Weight	1.45	Kg

THIELE-SMALL PARAMETERS

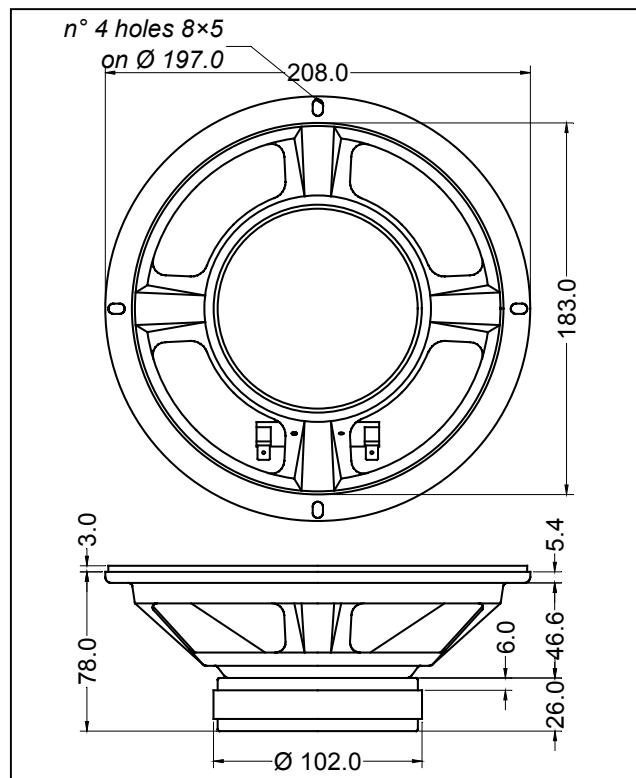
Voice Coil DC Resistance	R_E	3.00	Ω
Resonance Frequency	f_s	64.0	Hz
Mechanical Q Factor.....	Q_{MS}	8.84	
Electrical Q Factor.....	Q_{ES}	0.59	
Total Q Factor	Q_{TS}	0.55	
Mechanical Moving Mass	M_{MS}	14.4	g
Mechanical Compliance	C_{MS}	432	$\mu\text{m/N}$
Force Factor	$B \times l$	5.47	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	27.7	lt.
Maximum Linear Displacement	X_{MAX}	+/-2.5	mm
Reference Efficiency	η_0	1.17	%
Diaphragm Area	S_D	213.8	cm^2
Losses Electrical Resistance.....	R_{ES}	45.6	Ω
Voice Coil Inductance @ 1kHz	L_E	0.24	mH

CONSTRUCTIVE CHARACTERISTICS

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

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	4	Ω
Musical Power	160	W
Rated Power*	80	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

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

