

#### GENERAL CHARACTERISTICS

Nominal Overall Diameter .....	385	mm
Nominal Voice Coil Diameter .....	50	mm
Magnet Weight .....	810	g
Flux Density.....	1.00	T

#### THIELE-SMALL PARAMETERS

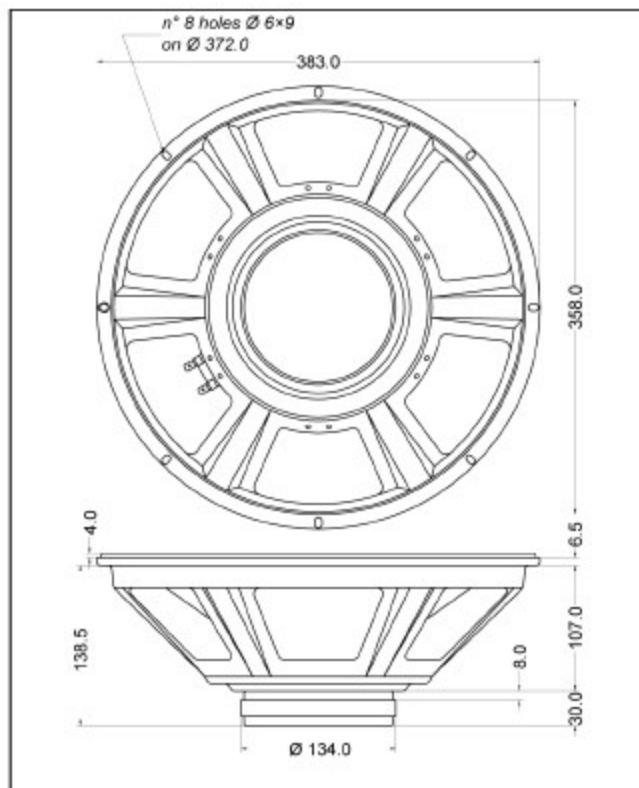
Voice Coil DC Resistance .....	$R_E$	4.94	Ω
Resonance Frequency .....	$f_s$	47.5	Hz
Mechanical Q Factor.....	$Q_{MS}$	5.59	
Electrical Q Factor.....	$Q_{ES}$	0.89	
Total Q Factor.....	$Q_{TS}$	0.77	
Mechanical Moving Mass .....	$M_{MS}$	59.0	g
Mechanical Compliance .....	$C_{MS}$	191	μm/N
Force Factor .....	$B \times l$	9.87	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	153.0	lt.
Maximum Linear Displacement ...	$X_{MAX}$	1.0	mm
Reference Efficiency .....	$\eta_D$	1.76	%
Diaphragm Area .....	$S_D$	754.8	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	31.0	Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.70	mH

#### CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Ferrite
Voice Coil Winding.....	Copper
Voice Coil Former.....	Aluminium
Cone .....	Paper
Surround.....	Integrated Paper
Dust Dome .....	Solid Paper
Basket .....	Pressed Sheet Steel

#### ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Rated Power (DIN 45573 - IEC 268.5) .....	100	W
Musical Power (DIN 45500) .....	200	W
Sensitivity @ 1 W, 1 m .....	96.5	dB



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

