

### GENERAL CHARACTERISTICS

Nominal Overall Diameter .....	318	mm
Nominal Voice Coil Diameter .....	50	mm
Magnet Weight .....	1450	g
Flux Density .....	1.16	T

### THIELE-SMALL PARAMETERS

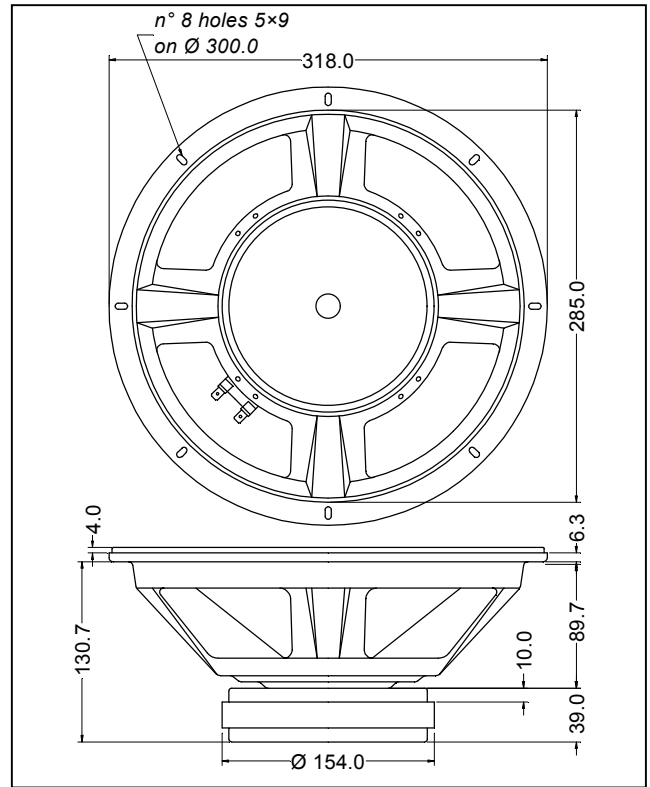
Voice Coil DC Resistance.....	$R_E$	6.30	Ω
Resonance Frequency .....	$f_s$	53.0	Hz
Mechanical Q Factor.....	$Q_{MS}$	11.50	
Electrical Q Factor.....	$Q_{ES}$	0.44	
Total Q Factor.....	$Q_{TS}$	0.42	
Mechanical Moving Mass .....	$M_{MS}$	35.2	g
Mechanical Compliance .....	$C_{MS}$	255.0	μm/N
Force Factor .....	$B \times l$	12.95	Wb/m
Equivalent Acoustic Volume .....	$V_{AS}$	86.2	lt.
Maximum Linear Displacement ...	$X_{MAX}$	2.00	mm
Reference Efficiency .....	$\eta_0$	2.83	%
Diaphragm Area .....	$S_D$	490.8	cm <sup>2</sup>
Losses Electrical Resistance .....	$R_{ES}$	164.0	Ω
Voice Coil Inductance @ 1kHz.....	$L_E$	0.92	mH

### CONSTRUCTIVE CHARACTERISTICS

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

### ELECTRICAL CHARACTERISTICS

Nominal Impedance .....	8	Ω
Rated Power (DIN 45573 - IEC 268.5) .....	150	W
Musical Power (DIN 45500) .....	300	W
Sensitivity @ 1 W, 1 m.....	97.6	dB



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

