

### GENERAL CHARACTERISTICS

Nominal Overall Diameter .....	306	mm
Nominal Voice Coil Diameter .....	32	mm
Magnet Weight .....	300	g
Flux Density.....	1.04	T
Weight.....	1.75	Kg

### THIELE-SMALL PARAMETERS

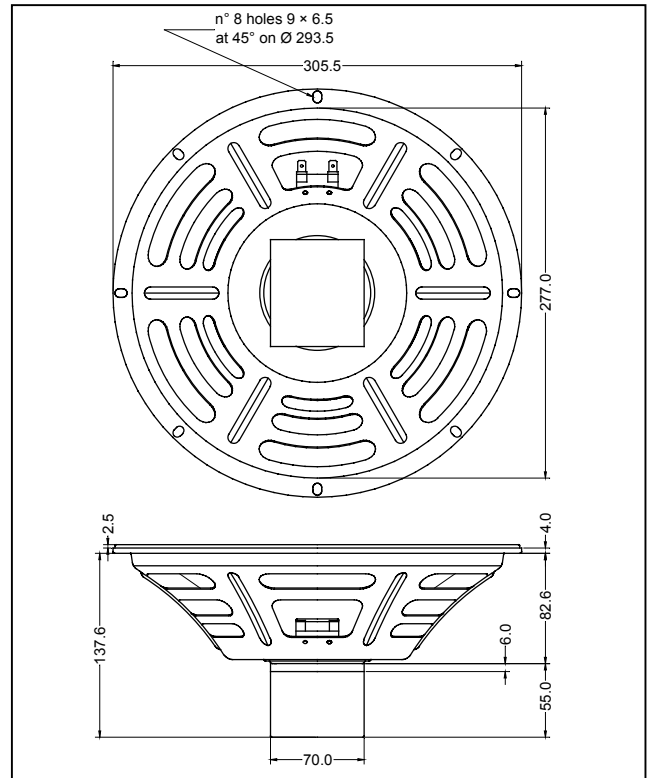
Voice Coil DC Resistance .....	$R_E$	12.45	Ω
Resonance Frequency .....	$f_s$	90.0	Hz
Mechanical Q Factor.....	$Q_{MS}$	12.68	
Electrical Q Factor.....	$Q_{ES}$	2.81	
Total Q Factor .....	$Q_{TS}$	2.30	
Mechanical Moving Mass .....	$M_{MS}$	25.9	g
Mechanical Compliance .....	$C_{MS}$	122	μm/N
Force Factor .....	$B \times l$	8.05	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	41.2	lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-1.0	mm
Reference Efficiency .....	$\eta_0$	1.02	%
Diaphragm Area .....	$S_D$	490.9	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	56.3	Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.60	mH

### CONSTRUCTIVE CHARACTERISTICS

Magnet.....	AlNiCo
Voice Coil Winding.....	Copper
Voice Coil Former.....	Nomex
Cone .....	Paper
Surround.....	Paper - Integrated
Dust Dome .....	Solid Paper
Basket .....	Pressed Sheet Steel

### ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	16	Ω
Musical Power .....	80	W
Rated Power* .....	40	W
Sensitivity @ 1 W, 1 m .....	96.1	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

