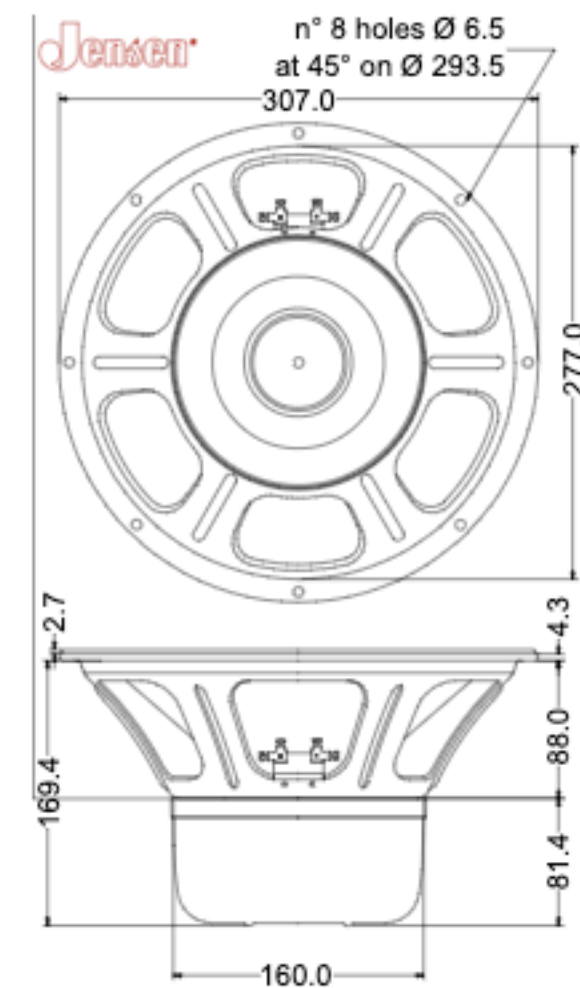


General Characteristics		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	38 mm	1.5 in
Magnet Weight	826 g	29 oz
Overall Weight	3.1 kg	6.83 lbs
Flux Density		1.26 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters		8Ω	16Ω	
Voice Coil DC Resistance	$R_E$	6.03	12	Ω
Resonance Frequency	$f_S$	90	91	Hz
Mechanical Q Factor	$Q_{MS}$	4.36	5.77	
Total Q Factor	$Q_{TS}$	0.77	0.84	
Mechanical Moving Mass	$M_{MS}$	30.9	27	g
Mechanical Compliance	$C_{MS}$	101	125	μm/N
Force Factor	$BxL$	10.62	13.71	Wb/m
Equivalent Acoustic Volume	$V_{AS}$	34.6	42.2	lt.
Maximum Linear Displacement	$X_{MAX}$	±1	±1	mm
Reference Efficiency	$\eta_D$	3.4	2.84	%
Diaphragm Area	$S_D$	490.9	490.8	cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	43	70	Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.87	1.05	mH
Electrical Q Factor	$Q_{ES}$	0.94	0.98	

Constructive Characteristics		
Magnet		Alnico
Voice Coil Winding		Copper
Voice Coil Former		Kapton
Cone Material		Paper
Surround Material		Integrated Paper
Dust Dome Material		Solid Paper
Basket Material		Pressed Sheet Steel
Surround Treatment		No

Electrical Characteristics		8Ω	16Ω	
Nominal Impedance		8	16	Ω
Rated Power		50	50	W
Musical Power		100	100	W
Sensitivity@1W,1m		97.5	97.8	dB



Frequency Response on IEC Baffle (DIN45575) @ 1W, 1 m - Free Air Impedance

