Jensen loudspeakers

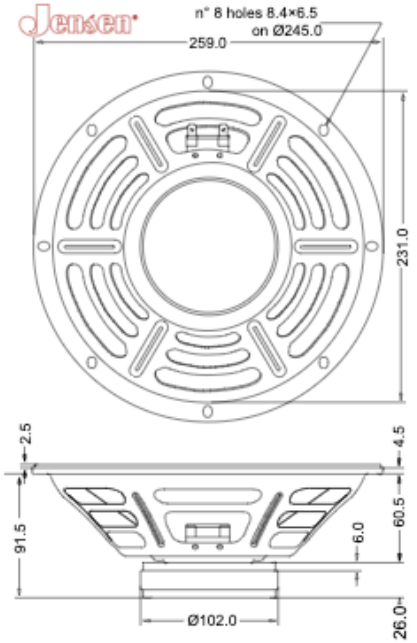
10" - 35 W Vintage Ceramic Loudspeaker
C10Q - 8Ω / 16Ω

General Characteristics		
Nominal Overall Diameter	259 mm	10 in
Nominal Voice Coil Diameter	32 mm	1.26 in
Magnet Weight	426 g	15 oz
Overall Weight	1.6 kg	3.53 lbs
Flux Density		0.92 T
Voice Coil Winding Depth	9 mm	0.35 in
Magnetic Gap Depth	6 mm	0.24 in

Thiele-Small Parameters		8Ω	16Ω	
Voice Coil DC Resistance	R_E	6	12	Ω
Resonance Frequency	f_S	96	105	Hz
Mechanical Q Factor	Q_{MS}	9.78	13.06	
Total Q Factor	Q_{TS}	1.3	1.74	
Mechanical Moving Mass	M_{MS}	18.3	14.7	g
Mechanical Compliance	C_{MS}	150	156	µm/N
Force Factor	BxL	6.64	7.6	Wb/m
Equivalent Acoustic Volume	V_{AS}	23.2	23.9	lt.
Maximum Linear Displacement	X_{MAX}	±1.5	±1.5	mm
Reference Efficiency	n_O	1.61	1.33	%
Diaphragm Area	S_D	330.1	330	cm^2
Losses Electrical Resistance	R_{ES}	52	80	Ω
Voice Coil Inductance @ 1kHz	L_E	0.62	1	mH
Electrical Q Factor	Q_{ES}	1.50	2.01	

Constructive Characteristics		
Magnet		Ferrite
Voice Coil Winding		Copper
Voice Coil Former		Epotex
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	15	Ω
Rated Power		35	35	W
Musical Power		70	70	W
Sensitivity@1W,1m		94.7	94.5	dB



Note: all dimensions are in mm.

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