Jensen® loudspeakers

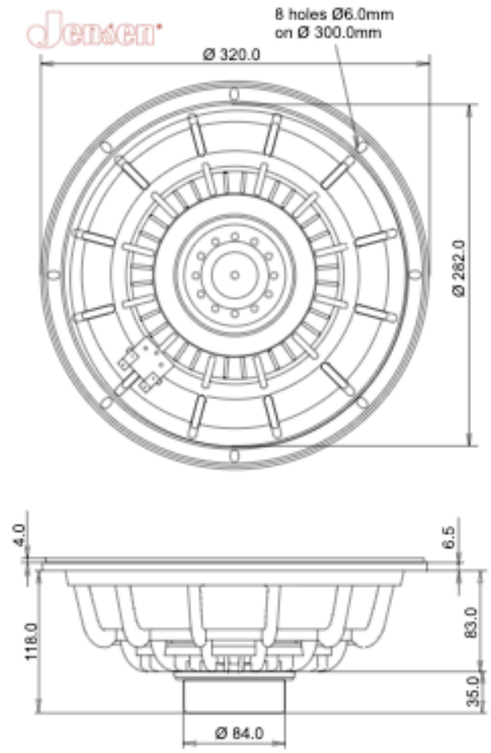
12" - 250 W Bass Speakers Loudspeaker
Smooth BS 12N/250A - 8Ω

General Characteristics		
Nominal Overall Diameter	320 mm	13 in
Nominal Voice Coil Diameter	65 mm	3 in
Magnet Weight	220 g	8 oz
Overall Weight	2.5 kg	5.51 lbs
Flux Density		1.14 T
Voice Coil Winding Depth	18 mm	0.71 in
Magnetic Gap Depth	10 mm	0.39 in

Thiele-Small Parameters		8Ω	
Voice Coil DC Resistance	R_E	5.5	Ω
Resonance Frequency	f_S	47	Hz
Mechanical Q Factor	Q_{MS}	12.58	
Total Q Factor	Q_{TS}	0.43	
Mechanical Moving Mass	M_{MS}	56.7	g
Mechanical Compliance	C_{MS}	200	µm/N
Force Factor	BxL	14.37	Wb/m
Equivalent Acoustic Volume	V_{AS}	81.3	lt.
Maximum Linear Displacement	X_{MAX}	±5.5	mm
Excursion Limit	X_{VAR}	±8.9	mm
Reference Efficiency	n_O	1.81	%
Diaphragm Area	S_D	530.9	cm^2
Voice Coil Inductance @ 1kHz	L_E	1	mH
Electrical Q Factor	Q_{ES}	0.45	

Constructive Characteristics		
Magnet		Neodymium
Voice Coil Winding		Copper
Voice Coil Former		Fiberglass
Cone Material		Paper
Surround Material		Treated Cloth
Dust Dome Material		Solid Paper
Basket Material		Aluminum Die-Cast
Surround Treatment		Yes

Electrical Characteristics		8Ω	
Nominal Impedance		8	Ω
Rated Power		250	W
Musical Power		500	W
Sensitivity@1W,1m		96.4	dB



Frequency Response on 55 Litres Vented Box @ 1W, 0.5m, normalized to SPL 1m Free Air Impedance