

Sheet1

Loudspeaker Enclosure Designer... data file template, v1.0

Driver:
Brand:
Fs:
Vas:
Qts:
Qms:
Qes:
Sd:
Xmax:
Revc:
Znom:
Pmax:

Comments:

Sheet1

Celestion	AD-12	Driver's model #.
		Driver's brand name.
		33.0000 Hz (Free air resonance)
		4.0000 ft ³ (Compliance volume)
		0.1400 Total Q
		6.6600 Mechanical Q
		0.1400 Electrical Q
		0.0530 M ² (Piston area)
		7.0000 mm (Cone excursion)
		2.9000 ohms (DC resistance)
		4.0000 ohms (Nominal impedance)
		300.0000 watts

Celestion 12" autosound woofer. 300W rated. Specs as measured in CarStereo Review. Celestion recommends vented box, Vb= 1.0 to 1.4 cf, Fb=35 Hz.

Press <ALT-S> to save this file.

Sheet1

{HOME}{GOTO B3}/fs{?}~

WORK AREA:		
Convert for Vas:		
	0.0000 L to FT^3	0.0000
	0.0000 M^3toFT^3	0.0000
Derive Qes from Qts/Qms:		
	derived Qes:	0.1430
Convert for Sd:		
	10.2500 "D to M^2	0.05324
Convert for Xmax:		
	0.0000 " to mm	0.0000

{goto B3}