



217 WR 33 102 SD 4L AL 8Ω

850136

High quality 8" woofer with Peerless' "Sandwich" cone. The heavy magnet makes it suitable for obtaining optimal bass reflex tuning in boxes of 15-50 ltrs.

The smooth response is ideal for two-way-systems and the long voice coil gives very good linearity.

The 850136 is a highly recommendable high-end CSX woofer.

CSX 217

Thiele Small parameters:

Nominal impedance	Zn (Ω)		
Minimum impedance/at freq.	Zmin (Ω/Hz)		
Maximum impedance	Zo (Ω)		
Dc resistance	Re (Ω)		
Voice coil inductance	Le (mH)		
Capacitor in series with 8 Ω (for impedance compensation)	Cc (μF)		
Resonance Frequency	fs (Hz)		
Mechanical Q factor	Qms		
Electrical Q factor	Qes		
Total Q factor	Qts		
F (Ratio fs/Qts)	F (Hz)		
Mechanical resistance	Rms (Kg/s)		
Moving mass	Mms (g)		
Suspension compliance	Cms (mm/N)		
Effective cone diameter	D (cm)		
Effective piston area	Sd (cm ²)		
Equivalent volume	Vas (ltrs)		
Force factor	Bl (N/A)		
Reference voltage sensitivity	(dB)		
Re 2.83V 1m at 188 Hz (Calculated)			

	Free air	Common	Baffled
		8	
		6.6 / 188	
		76.5	
		5.9	
		2.6	
		21	
	28.2		27.4
	3.50		3.61
	0.29		0.30
	0.27		0.28
			99
	30.5	1.54	32.4
		1.04	
		17.3	
		235	
		79.7	
		10.4	
			89.5

Magnet and voice coil parameters:

Voice coil diameter	d (mm)	33
Voice coil length	h (mm)	14
Voice coil layers	n	4
Flux density in gap	B (T)	0.95
Total useful flux	(mWb)	0.90
Height of the gap	hg (mm)	6
Diameter of magnet	dm (mm)	102
Height of magnet	hm (mm)	20
Weight of magnet	(kg)	0.68

Max linear SPL: