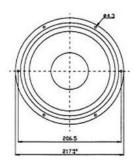


217 WR 33 102 SD 4L AL 4 $\Omega$ 

850137



High quality 8" woofer with Peerless' "Sandwich" cone. The heavy magnet makes it suitable for obtaining optimal bass reflex tuning in boxes of 12-90 ltrs. Please notice that in boxes of 90 ltrs. a -3 dB by 30 Hz is obtainable.

This is a  $4\Omega$  version of the 850136 CSX woofer.

Furthermore, the 850137 is suitable for use in small closed boxes as the long voice coil gives very good linearity. The 850137 is a highly recommendable highend CSX woofer.

CSX 217

## Thiele Small parameters:

Nominal impedance	Zn	(Ω)
Minimum impedance/at freq.	Zmin	(Q/Hz)
Maximum impedance	Zo	(0)
Dc resistance	Re	(D)
Voice coil inductance	Le	(mH)
Capacitor in series with 4 0	Cc	(UF)
(for impedance compensation)		
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*)
Equivalent volume	Vas	(ltrs)
Force factor	BI	(N/A)
Reference voltage sensitivity		(dB)
	Calculat	

	3.6/183 32.8 3.2 1.2 37	
26.7 3.25 0.35 0.31		25.9 3.35 0.36 0.32 80
29.4	1.52 1.21 17.3 235 92.2 6.7	31.3
		91.5

## Magnet and voice coil parameters:

Voice coil diameter	d	(mm)	33
Voice coil length	h	(mm)	17
Voice coil layers	n	1623 (2011)	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

