

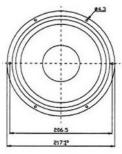
217 WR 33 102 SD 4L 4 Ω

850131

High quality 8" woofer with Peerless' "Sandwich" cone. This 4Ω version of the 850130 CSC woofer is supplied with a heavy magnet and has got high sensitivity.

The 850131 is suitable for a wide range of reflex boxes of 12-90 ltrs. Please remark that when used in a 90 ltrs. box a -3 dB frequency of 30 Hz is obtainable.

Further, it can also be used in smaller closed boxes of 10-20 ltrs.



Thiele Small parameters

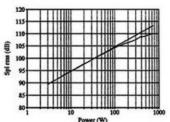
Nominal impedance	Zn	(Ω)	
Minimum impedance/at freq.	Zmin	Zmin (Q/Hz)	
Maximum impedance	Zo	(D)	
De resistance	Re	(D)	
Voice coil inductance	Le	(mH)	
Capacitor in series with 4 Ω	Cc	(uf)	
(for impedance compensation)			
Resonance Frequency	fs	(Hz)	
Mechanical Q factor	Qms		
Electrical Q factor	Qes		
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	Bl	(N/A)	
Reference voltage sensitivity		(dB)	
	Calcula		

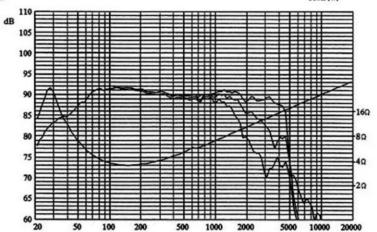
Magnet and voice coil parameter

Voice coil diameter	d	(mm) [33
Voice coil length	h	(mm)	17
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

CSC 217

Max linear SPL





3.4/154 32.3 3.1 1.5 64

> 1.01 17.3 235 77.4 6.5

30.1

3.84 0.41 0.37 75

32.0