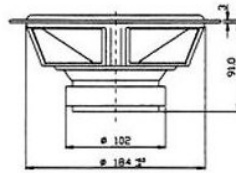
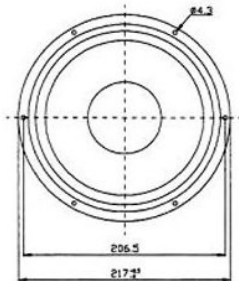


217 WR 33 102 SD 4L 8Ω

850130



High quality 8" woofer with Peerless' "Sandwich" cone. This CSC woofer is supplied with a heavy magnet which makes it suitable for optimal bass reflex tuning in boxes from 15-50 ltrs.



The over all smooth response makes it ideal for two-way-systems.

CSC 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)	25.9	25.0
Mechanical Q factor	Qms	2.88	2.97
Electrical Q factor	Qes	0.27	0.28
Total Q factor	Qts	0.25	0.25
F (Ratio fs/Qts)	F (Hz)		99
Mechanical resistance	Rms (Kg/s)		
Moving mass	Mms (g)	29.2	31.1
Suspension compliance	Cms (mm/N)		
Effective cone diameter	D (cm)		
Effective piston area	Sd (cm <sup>2</sup> )		
Equivalent volume	Vas (ltrs)		
Force factor	Bl (N/A)		

Reference voltage sensitivity  
Re 2.83V 1m at 168 Hz (Calculated) (dB)

	Free air	Common	Baffled
Zn (Ω)	8		
Zmin (Ω/Hz)	6.5 / 168		
Zo (Ω)	68.6		
Re (Ω)	5.9		
Le (mH)	3.2		
Cc (μF)	33		
fs (Hz)	25.9		25.0
Qms	2.88		2.97
Qes	0.27		0.28
Qts	0.25		0.25
F (Hz)			99
Mms (g)	29.2	1.65	31.1
Cms (mm/N)		1.30	
D (cm)		17.3	
Sd (cm <sup>2</sup> )		235	
Vas (ltrs)		99.0	
Bl (N/A)		10.2	
Reference voltage sensitivity (dB)			90.0

**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:**