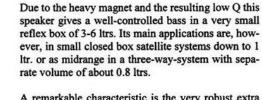


 $116~WR~26~81~SD~4\Omega$ 

850103

Small high quality woofer/midrange speaker with Peerless ' "Sandwich" cone.



A remarkable characteristic is the very robust extra thick iron plate basket with a nice structure lackering.

CSC 116

## Thiele Small parameters:

107mm

			Pree air	Common	Baltied
Nominal impedance	Zn	(Q)		4	
Minimum impedance/at freq.	Zmin	(Q/Hz)		3.5 / 365	
Maximum impedance	Zo	(Q)		19.1	
Dc resistance	Re	(Q)		3.2	
Voice coil inductance	Le	(mH)		0.6	
Capacitor in series with 4 0	Cc	(uF)		21	
(for impedance compensation)					
Resonance Frequency	fs	(Hz)	78.5		77.0
Mechanical Q factor	Qms		2.50	1	2.54
Electrical Q factor	Qes		0.49	1	0.50
Total Q factor	Qts		0.41	1	0.42
F (Ratio fs/Qts)	F	(Hz)		-	183
Mechanical resistance	Rms	(Kg/s)		1.25	
Moving mass	Mms	(g)	6.4		6.6
Suspension compliance	Cms	(mm/N)	8000	0.65	Silves
Effective cone diameter	D	(cm)		8.6	1
Effective piston area	Sd	(cm²)		58	ı
Equivalent volume	Vas	(ltrs)		3.0	
Force factor	B1	(N/A)	1	4.5	
Reference voltage sensitivity		(dB)			89.4
	Calcula	ted)		•	

## Magnet and voice coil parameters

Voice coil diameter	d	(mm)	26
Voice coil length	h	(mm)	8
Voice coil layers	n	30.00	2
Flux density in gap	B	(T)	1.02
Total useful flux		(mWb)	0.88
Height of the gap	hg	(mm)	6
Diameter of magnet	dm	(mm)	81
Height of magnet	hm	(mm)	15
Weight of magnet		(kg)	0.32

## Max linear SPL

