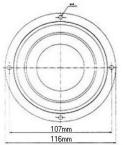


 $116~WR~26~81~SD~8\Omega$

850102

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



Due to the heavy magnet and the resulting low Q this speaker gives a well-controlled bass in a very small reflex box of 3-6 ltrs. Its main applications are, however, in small closed box satellite systems down to 1 ltr. or as midrange in a three-way-system with separate volume of about 0.8 ltrs.

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

CSC 116

Thiele Small parameters:

Nominal impedance	Zn	(Ω)	
Minimum impedance/at freq.	Zmin (Q/Hz)		
Maximum impedance	Zo	(Q)	
Dc resistance	Re	(Q)	
Voice coil inductance	Le	(mH)	
Capacitor in series with 8 Ω	Co	(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)	

	6.2 / 387 31.6 5.6 0.9	
74.2 2.41 0.52 0.43	7	72.8 2.46 0.53 0.43
6.2	1.20 0.74 8.6	6.5
	58 3.4 5.6	86.7

Magnet and voice coil parameters:

Voice coil diameter	d	(mm)	26
Voice coil length	h	(mm)	9
Voice coil layers	n		2
Flux density in gap	B	(T)	1.02
Total useful flux		(mWb)	0.70
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 SP

