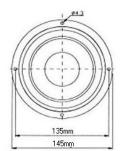


145 WR 26 90 SD 4Ω

850107

High quality 5" woofer with Peerless' "Sandwich" cone and an extra heavy magnet. This 5" woofer is a  $4\Omega$  version of the 850106 CSC woofer.



It is a CSC woofer highly recommended in satellites and as midrange in three-way-systems. The 850107 has remarkably high sensitivity and a low Q.

Furthermore, it is suitable for use in small reflex boxes of around 5 ltrs.

## CSC 145

### Thiele Small parameters

			1.Le
Nominal impedance	Zn	(Q)	
Minimum impedance/at freq.	Zmin	(Q/Hz)	l
Maximum impedance	Zo	(Q)	l
De resistance	Re	(Q)	l
Voice coil inductance	Le	(mH)	
Capacitor in series with 4 Q	Cc	(uF)	1
(for impedance compensation)			<u> </u>
Resonance Frequency	fs	(Hz)	5
Mechanical Q factor	Qms		1
Electrical Q factor	Qes		0
Total Q factor	Qts		0
F (Ratio fs/Qts)	F	(Hz)	
Mechanical resistance	Rms	(Kg/s)	
Moving mass	Mms	(g)	1
Suspension compliance	Cms	(mm/N)	
Effective cone diameter	D	(cm)	ı
Effective piston area	Sd	(om*)	ı
Equivalent volume	Vas	(ltrs)	ı
Force factor	BI	(N/A)	
Reference voltage sensitivity		(dB)	
Re 2.83V 1m at 325 Hz (	Calculat		

# ree air Common Baffled 4.1/325 Voice co

	4.1 / 325 24.4 3.7 0.8 31	
51.0 1.90 0.34 0.29		49.9 1.95 0.35 0.30 168
8.7	1.46 1.12 10.8 91 12.8 5.5	9.1
		91.0

### Magnet and voice coil parameter:

Voice coil diameter	d	(mm)	26
Voice coil length	h	(mm)	11
Voice coil layers	n		2
Flux density in gap	B	O	1.16
Total useful flux		(mWb)	0.77
Height of the gap	hg	(mm)	6
Diameter of magnet	dm	(mm)	90
Height of magnet	hm	(mm)	15
Weight of magnet		(kg)	0.4

### Max linear SPL:

