

Peerless

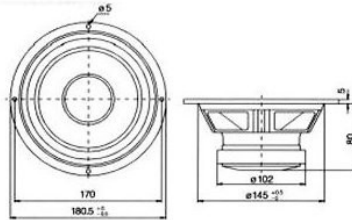


6 1/2" WOOFER



832732

180 WR 33 102 PPB AL 8Ω



High-End woofer from the well-known CC line. The 832732 is an improved version of the popular 831732 and it has got all the qualities which make it one of the best 6 1/2" woofers on the market. The aluminium ring in the magnet system ensures a very low distortion, and the combination of rubber surround, polypropylene cone and phase plug upon the pole piece gives a very smooth frequency response. We recommend this unit for use in smaller bass reflex boxes.

Thiele Small parameters:		Free air	Common	Baffled	Magnet and voice coil parameters:	
Nominal impedance	Znom (Ω):		8.0		Voice coil diameter	d (mm): 33
Minimum impedance/at freq.	Zmin (Ω/Hz):		6.8/323		Voice coil length	h (mm): 17.0
Maximum impedance	Zo (Ω):		34.2		Voice coil layers	n : 2
Dc resistance	Re (Ω):		6.1		Flux density in gap	B (T): 1.13
Voice coil inductance	Le (mH):		0.9		Total useful flux	Φ (mWb): 1.03
Capacitor in series with 8Ω (For impedance compensation)	Cc (μF):		8		Height of the gap	hg (mm): 6
Resonance frequency	fs (Hz):	35.2		34.1	Diameter of magnet	dm (mm): 102
Mechanical Q factor	Qms :	1.63		1.69	Height of magnet	hm (mm): 16
Electrical Q factor	Qes :	0.35		0.36	Weight of magnet	(kg): 0.54
Total Q factor	Qts :	0.29		0.30		
F (Ratio fs/Qts)	F (Hz):			114		
Mechanical resistance	Rms (kg/s):		2.01			
Moving mass	Mms (g):	14.8		15.8		
Suspension compliance	Cms (mm/N):		1.38		Power handling:	
Effective cone diameter	D (cm):		12.9		Longterm Max System Power (IEC)	(W): 150
Effective piston area	Sd (cm²):		130.0		Max linear SPL (rms)/by power	(dB/W): 106/90
Equivalent volume	Vas (l):		32.9		Frequency range for test signal:	20-5000 Hz
Force factor	BL (N/A):		7.5			
Reference Voltage Sensitivity Re 2.83V 1m at 323 Hz (Calculated)	(dB):			87.9		

Normal programme material signal with a crest factor of 6dB (IEC 268-5) is used in both tests

