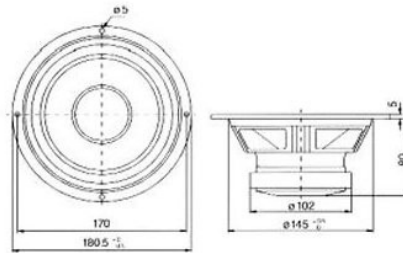




832757

180 WR 33 102 PPB AL 4Ω



High-End CC line woofer. This woofer has got exactly the same qualities as 832732. The only difference is found in the voice coil. The impedance is 4Ω and it is suitable for use in systems where higher sensitivity is required. 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):		4.0		Voice coil diameter	d (mm): 33
Minimum impedance/at freq.	Zmin (Ω/Hz):		4.1/317		Voice coil length	h (mm): 16.0
Maximum impedance	Zo (Ω):		25.3		Voice coil layers	n : 2
Dc resistance	Re (Ω):		3.6		Flux density in gap	B (T): 1.13
Voice coil inductance	Le (mH):		0.7		Total useful flux	Φ (mWb): 1.03
Capacitor in series with 4Ω (For impedance compensation)	Cc (μF):		28		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 :	1.80		1.86	Height of magnet	hm (mm): 16
Electrical Q factor	Qes :	0.30		0.31	Weight of magnet	(kg): 0.54
Total Q factor	Qts :	0.26		0.26		
F (Ratio fs/Qts)	F (Hz):			130		
Mechanical resistance	Rms (kg/s):		1.84			
Moving mass	Mms (g):	15.0		16.0		
Suspension compliance	Cms (mm/N):		1.36			
Effective cone diameter	D (cm):		12.9		Power handling:	
Effective piston area	Sd (cm ²):		130.0		Longterm Max System Power (IEC)	(W): 150
Equivalent volume	Vas (l):		32.6		Max linear SPL (rms)/by power	(dB/W): 107/100
Force factor	BL (N/A):		6.3		Frequency range for test signal:	20-5000 Hz
Reference Voltage Sensitivity Re 2.83V 1m at 317 Hz (Calculated)	(dB):		90.5		Normal programme material signal with a crest factor of 6dB (IEC 268-5) is used in both tests	

