

Peerless

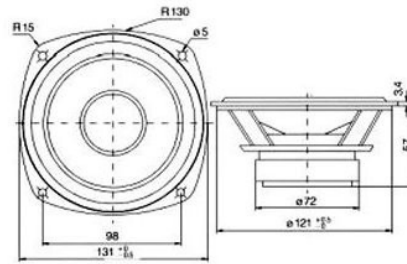


5" WOOFER



832591

130 WR 26 72 PPB 4Ω



A 5" woofer identical to the 832592 except for its 4Ω impedance, die-cast basket, black polypropylene cone and rubber surround. Same use as 832592 but higher sensitivity and we also recommend this unit for car use.

Thiele Small parameters:		Free air	Common	Baffled	Magnet and voice coil parameters:	
Nominal impedance	Znom (Ω):		4.0		Voice coil diameter	d (mm): 26
Minimum impedance/at freq.	Zmin (Ω/Hz):		4.2/278		Voice coil length	h (mm): 11.0
Maximum impedance	Zo (Ω):		20.7		Voice coil layers	n : 2
Dc resistance	Re (Ω):		3.7		Flux density in gap	B (T): 0.94
Voice coil inductance	Le (mH):		0.8		Total useful flux	Φ (mWb): 0.64
Capacitor in series with 4Ω (For impedance compensation)	Cc (μF):		32		Height of the gap	hg (mm): 6
Resonance frequency	fs (Hz):	51.5		49.8	Diameter of magnet	dm (mm): 72
Mechanical Q factor	Qms :	2.24		2.32	Height of magnet	hm (mm): 15
Electrical Q factor	Qes :	0.49		0.51	Weight of magnet	(kg): 0.23
Total Q factor	Qts :	0.41		0.42		
F (Ratio fs/Qts)	F (Hz):			119		
Mechanical resistance	Rms (kg/s):		1.23			
Moving mass	Mms (g):	8.5		9.1		
Suspension compliance	Cms (mm/N):		1.12			
Effective cone diameter	D (cm):		10.4			
Effective piston area	Sd (cm²):		85.0			
Equivalent volume	Vas (l):		11.5			
Force factor	BL (N/A):		4.6			
Reference Voltage Sensitivity Re 2.83V 1m at 278 Hz (Calculated)	(dB):			88.8		
					Power handling:	
					Longterm Max System Power (IEC)	(W): 100
					Max linear SPL (rms)/by power	(dB/W): 102/100
					Frequency range for test signal:	20-5000 Hz
					Normal programic material signal with a crest factor of 6dB (IEC 268-5) is used in both tests	

