



Peerless Data Sheet

WR 130

130 WR 26 72 PPB 8 ohm - Order ID: 832592

A 5" woofer with die-cast basket and a low loss resonance free rubber surround that combined with a mid-sized magnet gives it excellent data and a very smooth response. Ideal for use in 2-way systems with volumes of 5-10 ltr. Furthermore, it can be used as a midrange in 3-way systems.



WR 130

Thiele Small parameters:

		Free air	Common	Baffled
Nominal impedance	Zn (ohm)		8	
Minimum impedance/at freq.	Zmin (ohm/Hz)		6.7/298	
Maximum impedance	Zo (ohm)		29.1	
DC resistance	Re (ohm)		6.1	
Voice coil inductance	Le (mH)		1.1	
Capacitor in series with 8 ohm (for impedance compensation)	Cc (μF)		9	
Resonance Frequency	fs (Hz)	54.9		52.9
Mechanical Q factor	Qms	2.07		2.15
Electrical Q factor	Qes	0.55		0.57

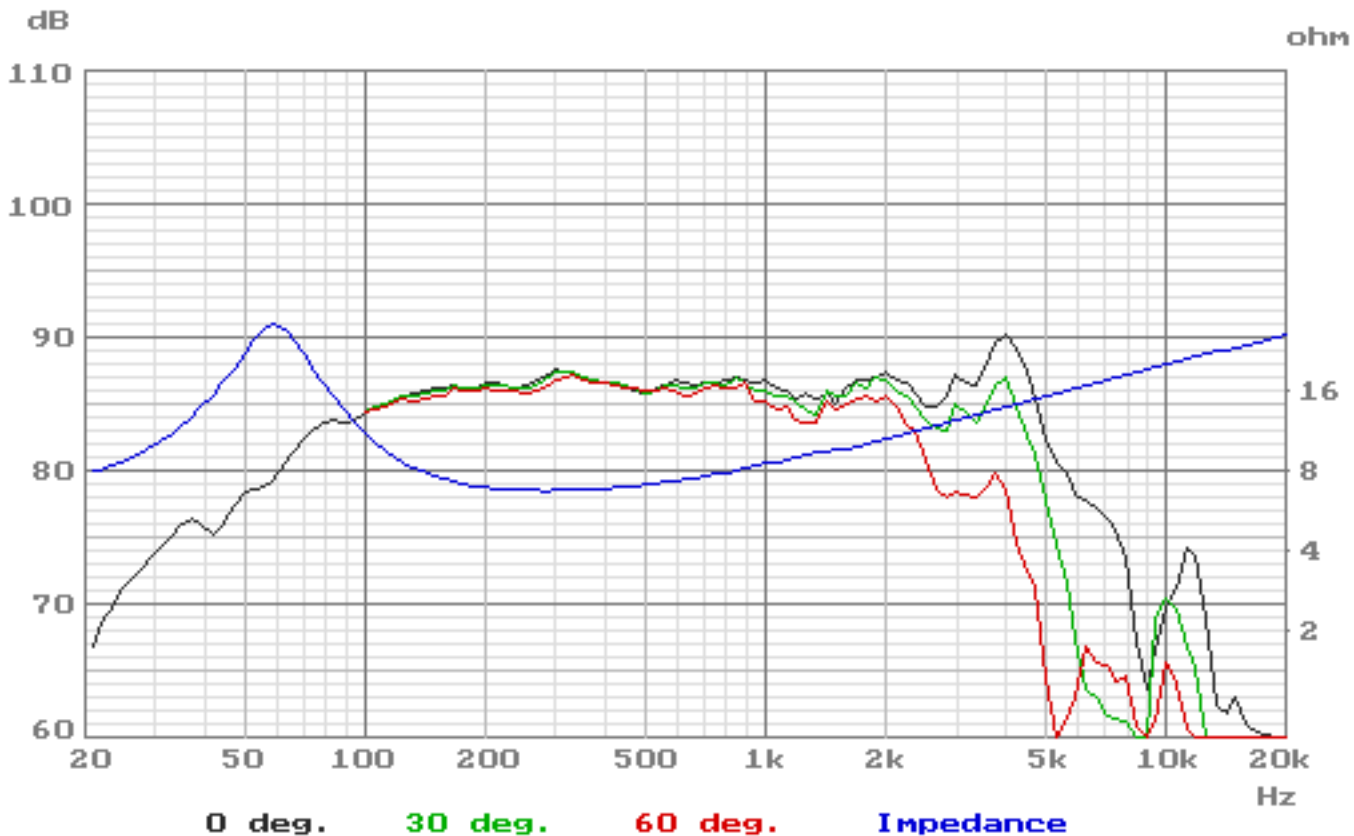
Total Q factor	Qts		0.43	0.45
F (Ratio fs/Qts)	F	(Hz)		117
Mechanical resistance	Rms	(Kg/s)	1.30	
Moving mass	Mms	(g)	7.8	8.4
Suspension compliance	Cms	(mm/N)	1.08	
Effective cone diameter	D	(cm)	10.4	
Effective piston area	Sd	(cm ²)	85	
Equivalent volume	VAS	(ltrs)	11.0	
Force factor	Bl	(N/A)	5.5	
Reference voltage sensitivity Re 2.83V 1m at 298 Hz (Measured)		(dB)		86.9

Magnet and voice coil parameters:

Voice coil diameter	d	(mm)	26
Voice coil length	h	(mm)	10
Voice coil layers	n		2
Flux density in gap	B	(T)	0.94
Total useful flux		(mWb)	0.64
Height of the gap	hg	(mm)	6
Diameter of magnet	dm	(mm)	72
Height of magnet	hm	(mm)	15
Weight of magnet		(kg)	0.23

Power handling:

Long term Max System Power (IEC)	(W)	100
Max linear SPL (rms) / by power	(dB/W)	102/100



Measuring methods and conditions are stated in Peerless Standard for Acoustic Measurements (PSAM)