

**WR 130****130 WR 26 81 CD 4 ohm - Order ID: 830512**

High quality 5" CD woofer designed for installation in cars. The 830512 has a cast diaphragm and high efficiency. The basket is adapted to car standards fitting into most cars when for instance mounted in the doors.

WR 130**Thiele Small parameters:**

Nominal impedance
Minimum impedance/at freq.
Maximum impedance
DC resistance
Voice coil inductance
Capacitor in series with 4 ohm
(for impedance compensation)
Resonance Frequency
Mechanical Q factor
Electrical Q factor
Total Q factor
F (Ratio fs/Qts)
Mechanical resistance
Moving mass
Suspension compliance
Effective cone diameter
Effective piston area
Equivalent volume
Force factor
Reference voltage sensitivity
Re 2.83V 1m at 307 Hz (Measured)

Zn (ohm)
Zmin (ohm/Hz)
Zo (ohm)
Re (ohm)
Le (mH)
Cc (µF)
fs (Hz)
Qms
Qes
Qts
F (Hz)
Rms (Kg/s)
Mms (g)
Cms (mm/N)
D (cm)
Sd (cm²)
VAS (ltrs)
Bl (N/A)
(dB)

	Free air	Common	Baffled
Zn		4	
Zmin		3.6/307	
Zo		22.8	
Re		3.3	
Le		6.0	
Cc		22	
fs	67.5		66.2
Qms	3.48		3.55
Qes	0.59		0.60
Qts	0.50		0.51
F			129
Rms		1.17	
Mms	9.6		10.0
Cms		0.58	
D		10.8	
Sd		91	
VAS		6.6	
Bl		4.8	
			90.1

Magnet and voice coil parameters:

Voice coil diameter
Voice coil length
Voice coil layers
Flux density in gap
Total useful flux
Height of the gap
Diameter of magnet
Height of magnet
Weight of magnet

d (mm)
h (mm)
n
B (T)
(mWb)
hg (mm)
dm (mm)
hm (mm)
(kg)

26
10
2
1.02
0.70
6
81
15
0.32

Power handling:

Long term Max System Power (IEC)

(W)

110

