

**WR 100****100 WR 26 72 CD 4 ohm - Order ID: 830516**

High quality 4" CD woofer/midrange for cars. The steel basket is made to fit car standards. The four flaps with mounting holes are easy to break off and you have a 100 mm round speaker. The response is smooth and extended up to 9 kHz. The 830516 has a nice looking and good performing cast diaphragm.

WR 100**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 398 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
		4	
		3.7/398	
		24.1	
		3.4	
		0.5	
		19	
	81.1		78.9
	3.56		3.65
	0.58		0.59
	0.50		0.51
			155
	5.5	0.78	5.8
		0.70	
		8.6	
		58	
		3.3	
		4.0	
			89.4

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
7
2
0.94
0.62
6
72
15
0.23

Power handling:

Long term Max System Power (IEC)

(W)

100

