



**PERFORMANCE  
SERIES**

**DLS Svenska AB - Sweden**

## **DLS W310D**

### **PRODUCT SPECIFICATIONS**

**10" CAR SUBWOOFER MODEL W310D  
FERRITE MAGNET SYSTEM  
PAPER CONE, RUBBER SURROUND**



<b>Dimensions:</b>		<b>Magnet system</b>	Ferrite
Diameter	265 mm / 10,43"	Magnet weight	40 oz / 1,1 kg
Mounting depth	134 mm / 5,28"	Magnet diameter	145 mm / 5,7"
Mounting hole diameter	240 mm / 9,45"	BL product	11,5
Nominal power handling	120 W	Max. linear excursion, X max	+ - 5 mm / 0,2"
Maximum power	240 W	Suspension compliance, CMS	232
Nominal impedance, Z	4 ohms	Mechanical Q factor, QMS	2,49
Sensitivity, 1 W / 1 m	89 dB	Electrical Q factor, QES	0,32
Frequency response	25-2000 Hz	Total Q factor, QTS	0,28
Fs, resonant frequency	36 Hz	Moving mass, MMS	105 gr
Voice coil diameter	50 mm / 2"	Equivalent Cas Air load, VAS	48,6 liters / 1,72 ft <sup>3</sup>
Voice coil height	16 mm / 0,63"	Cone / Dome material	Coated
Voice coil wire	Copper		unpressed paper
Number of layers	4	SD - Effective piston area	314,6 cm <sup>2</sup>
DC resistance	3,42 ohm	Net weight	4 kg / 8,82 lb
Voice coil inductance, 1 kHz	1,1 mH	Basket	Pressed steel

## **DLS W312D**

### **PRODUCT SPECIFICATIONS**

**12" CAR SUBWOOFER MODEL W312D  
FERRITE MAGNET SYSTEM  
PAPER CONE, RUBBER SURROUND**



<b>Dimensions:</b>		<b>Magnet system</b>	Ferrite
Diameter	308 mm / 12,12"	Magnet weight	50 oz / 1,42 kg
Mounting depth	148 mm / 5,83"	Magnet diameter	156 mm / 6,14"
Mounting hole diameter	282 mm / 11,1"	BL product	12,22
Nominal power handling	150 W	Max. linear excursion, X max	+ - 5 mm / 0,2"
Maximum power	300 W	Suspension compliance, CMS	203
Nominal impedance, Z	4 ohms	Mechanical Q factor, QMS	3,26
Sensitivity, 1 W / 1 m	91 dB	Electrical Q factor, QES	0,36
Frequency response	20-2000 Hz	Total Q factor, QTS	0,34
Fs, resonant frequency	30 Hz	Moving mass, MMS	137 gr
Voice coil diameter	50 mm / 2"	Equivalent Cas Air load, VAS	115 liters / 4,06 ft <sup>3</sup>
Voice coil height	16 mm / 0,63"	Cone / Dome material	Coated
Voice coil wire	Copper		unpressed paper
Number of layers	4	SD - Effective piston area	452,3 cm <sup>2</sup>
DC resistance	3,3 ohm	Net weight	4,7 kg / 10,36 lb
Voice coil inductance, 1 kHz	1,33 mH	Basket	Pressed steel