



**OPEN AIR  
SERIES**

**DLS Svenska AB - Sweden**

## **DLS OA10D**

### **PRODUCT SPECIFICATIONS**

**10" CAR SUBWOOFER MODEL OA10D  
DOUBLE FERRITE MAGNET SYSTEM  
PAPER CONE, FOAM SURROUND  
DOUBLE SPIDERS**



<b>Dimensions:</b>		<b>Magnet system</b>	Ferrite
Diameter	265 mm / 10,43"	Magnet weight	80 oz / 2,27 kg
Mounting depth	153 mm / 6,02"	Magnet diameter	145 mm / 5,71"
Mounting hole diameter	240 mm / 9,45"	BL product	11,96
Nominal power handling	180 W	Max. linear excursion, X max	+ - 9 mm / 0,35"
Maximum power	360 W	Suspension compliance, CMS	183
Nominal impedance, Z	4 ohms	Mechanical Q factor, QMS	3,19
Sensitivity, 1 W / 1 m	86,5 dB	Electrical Q factor, QES	0,55
Frequency response	25-2000 Hz	Total Q factor, QTS	0,47
Fs, resonant frequency	39,9 Hz	Moving mass, MMS	138 gr
Voice coil diameter	50 mm / 2"	Equivalent Cas Air load, VAS	25,5 liters / 0,6 ft <sup>3</sup>
Voice coil height	34 mm / 1,34"	Cone / Dome material	Nonpressed paper
Voice coil wire	Copper	SD - Effective piston area	314,6 cm <sup>2</sup>
Number of layers	4	Net weight	5,5 kg / 12,13 lb
DC resistance	3,59 ohm	Basket	Steel
Voice coil inductance, 1 kHz	1,72 mH		

## **DLS OA12D**

### **PRODUCT SPECIFICATIONS**

**12" CAR SUBWOOFER MODEL OA12D  
DOUBLE FERRITE MAGNET SYSTEM  
PAPER CONE, FOAM SURROUND  
DOUBLE SPIDERS**



<b>Dimensions:</b>		<b>Magnet system</b>	Ferrite
Diameter	308 mm / 12,13"	Magnet weight	80 oz / 2,27 kg
Mounting depth	169 mm / 6,65"	Magnet diameter	145 mm / 5,71"
Mounting hole diameter	282 mm / 11,1"	BL product	12,53
Nominal power handling	210 W	Max. linear excursion, X max	+ - 9 mm / 0,35"
Maximum power	400 W	Suspension compliance, CMS	167
Nominal impedance, Z	4 ohms	Mechanical Q factor, QMS	3,47
Sensitivity, 1 W / 1 m	88,4 dB	Electrical Q factor, QES	0,57
Frequency response	20-2000 Hz	Total Q factor, QTS	0,49
Fs, resonant frequency	37,8 Hz	Moving mass, MMS	105,91 gr
Voice coil diameter	50 mm / 2"	Equivalent Cas Air load, VAS	48 liters / 1,69 ft <sup>3</sup>
Voice coil height	34 mm / 1,34"	Cone / Dome material	Nonpressed paper
Voice coil wire	Copper	SD - Effective piston area	452,3 cm <sup>2</sup>
Number of layers	4	Net weight	5,8 kg / 12,79 lb
DC resistance	3,55 ohm	Basket	Chromed steel
Voice coil inductance, 1 kHz	1,79 mH		