



## DLS SP12i

### PRODUCT SPECIFICATIONS

**12" CAR SUBWOOFER MODEL SP12i  
DOUBLE FERRITE MAGNET SYSTEM  
PAPER CONE, RUBBER SURROUND  
DESIGNED FOR SPL USE**



Dimensions:		Magnet system	Ferrite
Diameter	313 mm / 12,3"	Magnet size	200 oz / 5,67 kg
Mounting depth	153 mm / 6"	BL product	16,3*
Mounting hole diameter	282 mm / 11,1"	Max. linear excursion, X max	+ - 12 mm / 0,47"
Nominal power handling	500 W / 800 W max	Suspension compliance, CMS	848*
Peak power for SPL use	1200 W	Mechanical Q factor, QMS	4,43*
Nominal impedance, Z	2 x 2 ohms	Electrical Q factor, QES	0,27*
Sensitivity, 1 W / 1 m	97,3 dB	Total Q factor, QTS	0,25*
Frequency response	20-2000 Hz	Moving mass, MMS	163,3 gr
Fs, resonant frequency	43,4 Hz*	Equivalent Cas Air load, VAS	27,8 liters / 0,98 ft <sup>3</sup>
Voice coil diameter	75 mm / 3"	Cone / Dome material	Non-pressed paper
Voice coil height	32 mm / 1,26"	SD - Effective piston area	511 cm <sup>2</sup>
Voice coil wire	Copper	Spider	Double
Number of layers	4	Net weight	13 kg / 28,66 lb
DC resistance	1,27 ohm*	Basket	Diecast aluminium
Voice coil inductance, 1 kHz	0,57 mH	* Parameters are measured with voice coils connected in parallel	

## DLS SP15

### PRODUCT SPECIFICATIONS

**15" CAR SUBWOOFER MODEL SP15  
DOUBLE FERRITE MAGNET SYSTEM  
PAPER CONE, RUBBER SURROUND  
DESIGNED FOR SPL USE**



Dimensions:		Magnet system	Ferrite
Diameter	390 mm / 15,35"	Magnet size	200 oz / 5,67 kg
Mounting depth	175 mm / 6,89"	BL product	8,49
Mounting hole diameter	360 mm / 14,17"	Max. linear excursion, X max	+ - 12 mm / 0,47"
Nominal power handling	500 W	Suspension compliance, CMS	240
Maximum power for SPL use	1200 W	Mechanical Q factor, QMS	4,22
Nominal impedance, Z	2 x 2 ohms	Electrical Q factor, QES	0,35
Sensitivity, 1 W / 1 m	99,9 dB	Total Q factor, QTS	0,32
Frequency response	15-2000 Hz	Moving mass, MMS	95,70 gr
Fs, resonant frequency	33,2 Hz	Equivalent Cas Air load, VAS	191,7 liters / 6,77 ft <sup>3</sup>
Voice coil diameter	75 mm / 3"	Cone / Dome material	Non-press paper
Voice coil height	32 mm / 1,26"	SD - Effective piston area	754,8 cm <sup>2</sup>
Voice coil wire	Copper	Spider	Double
Number of layers	4	Net weight	13,4 kg / 29,54 lb
DC resistance	1,25 ohm*	Basket	Diecast aluminium
Voice coil inductance, 1 kHz	0,57 mH	* Parameters are measured with voice coils connected in parallel	