



**CLASSIC
SERIES**

DLS Svenska AB - Sweden

DLS B5

PRODUCT SPECIFICATIONS

**2-WAY CAR SYSTEM MODEL B5
5 1/4" BASS MIDRANGE
16 MM TWEETER WITH
NEODYMIUM MAGNET SYSTEM**



5 1/4", 13 cm mid bass element:

Specifications valid from 2004.

Dimensions:

Outer diameter	130 mm / 5,12"	DC resistance	3,8 ohm
Magnet diameter	80 mm / 3,15"	Voice coil inductance, 1 kHz	0,58 mH
Mounting depth	63 mm / 2,48"	Magnet system	Ferrite
Mounting hole	117 mm / 4,6"	BL product, BXL	4,41
Nominal power handling	50 W	Suspension compliance, CMS	470
Maximum power	80 W	Mechanical Q factor, QMS	3,53
Nominal impedance, Z	4 ohms	Electrical Q factor, QES	0,8
Sensitivity, 1 W / 1m	87 dB	Total Q factor, QTS	0,65
Frequency response	60-5000 Hz	Mechanical resistance, RMS	1,17
Fs, resonant frequency	81,4 Hz	Moving mass, MMS	8,11 gr.
Voice coil diameter	26 mm / 1,02"	Equivalent Cas Air load, VAS	4,56 liters / 0,161 ft ³
Voice coil height	12 mm / 0,47"	Cone / Dome material	Polypropylene
Voice coil type / former	Aluminium	Cone suspension	Foam
Voice coil wire	Copper	SD - Effective piston area	78,54 cm ²
Number of layers	2		

16 mm (0,63") tweeter element T16:

Dimensions:

Overall size	38 mm / 1,5"	Voice coil diameter	16 mm / 0,79"
For recessed mounting:		Voice coil height	2 mm / 0,079"
Mounting depth*	20 mm / 0,8"	Voice coil wire	Copper
Mounting hole*	43 mm / 1,7"	Magnet system	Neodymium
Nominal power handling	50 W	Magnet size	20 mm / 0,79"
Maximum power	80 W	Dome material	Mylar
Nominal impedance, Z	4 ohms	* with mounting cup	
Sensitivity, 1 W / 1m	91 dB		
Frequency response	2 - 20 kHz		
Fs, resonant frequency	1800 Hz		

Filter drawing:

Art.no: 9-49005 (highpass filter)

Art.no: 9-49006 (lowpass filter)

