



**CLASSIC  
SERIES**

**DLS Svenska AB - Sweden**

# DLS B6

## PRODUCT SPECIFICATIONS

**2-WAY CAR SYSTEM MODEL B6  
6 1/2" BASS MIDRANGE  
16 MM TWEETER WITH  
NEODYMIUM MAGNET SYSTEM**



### 6 1/2", 16,5 cm mid bass element:

Specifications valid from -2004.

#### Dimensions:

Outer diameter	165 mm / 6,5"
Magnet diameter	80 mm / 3,15"
Mounting depth	63 mm / 2,44"
Mounting hole	146 mm / 5,5"

Nominal power handling

50 W

Maximum power

80 W

Nominal impedance, Z

4 ohms

Sensitivity, 1 W / 1m

88 dB

Frequency response

50-5000 Hz

Fs, resonant frequency

66,7 Hz

Voice coil diameter

26 mm / 1,02"

Voice coil height

12 mm / 0,47"

Voice coil type / former

Aluminium

Voice coil wire

Copper

Number of layers

2

DC resistance

3,7 ohm

Voice coil inductance, 1 kHz

0,63 mH

Magnet system

Ferrite

BL product, BXL

4,41

Suspension compliance, CMS

532

Mechanical Q factor, QMS

3,67

Electrical Q factor, QES

0,85

Total Q factor, QTS

0,69

Mechanical resistance, RMS

1,21

Moving mass, MMS

10,69 gr.

Equivalent Cas Air load, VAS

11,55 liters/0,40 ft<sup>3</sup>

Cone / Dome material

Polypropylene

Cone suspension

Foam

SD - Effective piston area

122,00 cm<sup>2</sup>

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

#### Dimensions:

Overall size

38 mm / 1,5"

For recessed mounting:

Mounting depth\*

20 mm / 0,8"

Mounting hole\*

43 mm / 1,7"

Nominal power handling

50 W

Maximum power

80 W

Nominal impedance, Z

4 ohms

Sensitivity, 1 W / 1m

91 dB

Frequency response

2 - 20 kHz

Fs, resonant frequency

1800 Hz

Voice coil diameter

16 mm / 0,79"

Voice coil height

2 mm / 0,079"

Voice coil wire

Copper

Magnet system

Neodymium

Magnet size

20 mm / 0,79"

Dome material

Mylar

\* with mounting cup

### Filter drawing:

Art.no: 9-49007 (highpass tweeter filter)

Art.no: 9-49008 (lowpass filter)

