



REFERENCE
SERIES

DLS Svenska AB - Sweden

DLS R6A

PRODUCT SPECIFICATIONS

2-WAY CAR SYSTEM MODEL R6A
6,5" BASS MIDRANGE
UNPRESSED PAPER CONE
25 MM SOFT DOME TWEETER



6,5", 16 cm mid bass element:

Specifications valid from 2008-03.

Dimensions:

Outer diameter	165 mm / 6,5"
Magnet diameter	100 mm / 4"
Mounting depth	76 mm / 3"
Mounting hole	140 mm / 5,5"
Nominal power handling	80 W
Maximum power	120 W
Nominal impedance, Z	4 ohms
Sensitivity, 1 W / 1 m	90 dB
Frequency response	50-5000 Hz
Fs, resonant frequency	61,5 Hz
Voice coil diameter	36 mm / 1,42"
Voice coil height	13 mm / 0,5"
Voice coil type / former	Kapton
Voice coil wire	Copper
Number of layers	2

DC resistance	2,99 ohm
Voice coil inductance, 1 kHz	0,23 mH
Magnet system	Ferrite
BL product, BXL	3,83
Suspension compliance, CMS	724
Mechanical Q factor, QMS	4,96
Electrical Q factor, QES	0,73
Total Q factor, QTS	0,64
Mechanical resistance, RMS	0,77
Moving mass, MMS	9,24 gr.
Equivalent Cas Air load, VAS	15,3 liters/0,54 ft ³
Cone / Dome material	Unpressed paper
Cone suspension	Rubber
SD - Effective piston area	122,8 cm ²

25 mm (1") tweeter element T25:

Dimensions:

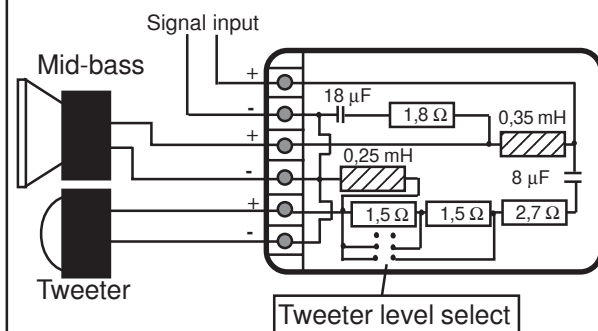
Overall size*	43 mm / 1,69"
For recessed mounting:	
Mounting depth	18 mm / 0,71"
Mounting hole	46 mm / 1,81"
Nominal power handling	50 W
Maximum power	80 W
Nominal impedance, Z	4 ohms
Sensitivity, 1 W / 1 m	93 dB
Frequency response	1,5 - 20 kHz
Fs, resonant frequency	1500 Hz

Voice coil diameter	20 mm / 0,79"
Voice coil height	2 mm / 0,079"
Voice coil wire	Copper
Magnet system	Neodymium
Magnet size	28 mm / 1,1"
Dome material	Silk

* size with mounting cup for recessed mounting

Filter box drawing:

Art.no: 9-49027C



Crossover frequency ~ 4500 Hz