

15 B100/R

LOW FREQUENCY LOUDSPEAKER

DESCRIPTION

This 15" is a high compliance, bass transducer featuring a wide, single foam surround, 4 in (100 mm) voice coil diameter and massive, powerful magnet system. This design allows an extended low frequency response, high power capacity and good efficiency.

SPECIFICATIONS

Nominal diameter	380 mm – 15"
Rated impedance	8 ohms
Power capacity	200 w RMS 400 w Prog.
Sensitivity	97 dB, 1w, 1m
Frequency range	20 – 2500 Hz
Recom. enclosure vol.	60 – 130 l
Voice coil diameter	100 mm – 4"
Magnet assemb. weight	6.4 kg
Bl factor	16.2 N/A
Moving mass	0.110 kg

Positive voltage on red terminal moves diaphragm forward
THIELE-SMALL PARAMETERS

Fs	25 Hz
Re	5.2 Ohms
Qms	3.32
Qes	0.35
Qts	02
Vas	400 l
Cms	0.368 mm/N
→o	1.75 %
Sd	880 cm ²
Xmax	3 mm
Vd	280 cm ³
Le	0.9 mH

MOUNTING INFORMATION AND MATERIALS

Overall diameter	388 mm
Bolt circle diameter	370 mm
Baffle cut-out diamet.	
-Front mount	362 mm
-Rear mount	355 mm
Depth	125 mm
Volume displ. by driver.	7 l
Net weight	8 kg
Shipping weight	9 kg
Basket	Aluminium
Cone	Paper
Surround	Polyurethane foam
Voice coil	Edgewound copper ribbon wire

