

STUDIO

BF 10 R

LOW FREQUENCY LOUDSPEAKER  
ALTAVOZ DE BAJA FRECUENCIA

## DESCRIPCION / DESCRIPTION



This 10" model with acoustic suspension and extremely long coil allows considerable movement of the membrane for reproducing the deepest bass with no distortion or colouring. It can be used both in a hermetically sealed cabinet and in a bass-reflex housing, in two or three way systems, for household applications, and in small size monitors. Modelo de 10" con suspensión acústica y bobina de gran longitud. Permite un desplazamiento importante de la membrana para una reproducción del extremo grave sin distorsión ni coloraciones. Puede ser utilizado tanto en caja hermética, como en recinto bass-reflex, en sistemas de dos o tres vías, para aplicaciones domésticas, como en monitores de pequeño tamaño.

## SPECIFICATIONS

Nominal diameter	250 mm - 10 in
Power capacity	75 w RMS
Sensitivity	92.3 dB
	2,83 v @ 1 m @ 2 $\pi$
Frequency range	30 - 4000 Hz
Recommended enclosure volume	25/60l-0.93/2.25ft.3
Voice coil diameter	38.5 mm - 1 1/2 in
Magnetic assembly weight	1.45 kg - 3.2 Ib
BL factor	8.2 N/A
Moving mass	0.033 kg

## MOUNTING INFO

Overall diameter	258 mm - 10.15 in
Bolt circle diameter	244 mm - 9.61 in
Baffle cutout diameter:	
Front mount	230 mm - 9.05 in
Rear mount	236 mm - 9.29 in
Depth	105 mm - 4.13 in
Volume displaced by driver	2.5 l - 0.09 ft.3
Net weight	1.55 kg - 3.42 Ib
Shipping weight	1.9 kg - 4.20 Ib

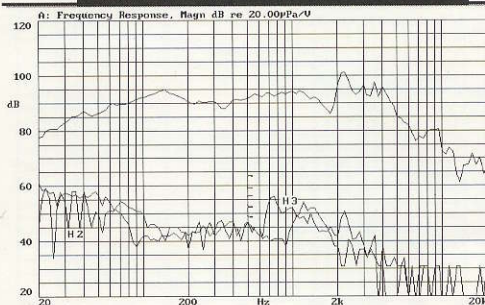
## THIELE SMALL PARAMETERS

Fs	40 Hz
Re	6.14 ohms
Qms	7.72
Qes	0.73
Qts	0.67
Vas	102 l
ho	0.8%
Sd	0.038 m <sup>2</sup>
Xmax	3.5 mm
Vd	135 cm <sup>3</sup>
Le	0.9 m H

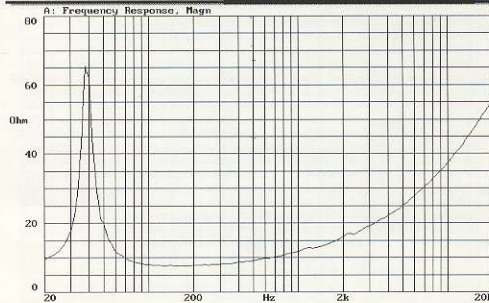
## MATERIALS

Basket	Steel
Cone	Paper
Surround	Polyurethane foam
Voice coil	Copper

## FREQUENCY RESPONSE &amp; DISTORSION CURVES



## FREE AIR IMPEDANCE CURVE



HIPERPHASE BF 10 R STUDIO

