

PRO

# CM 18 G

LOW FREQUENCY LOUDSPEAKER  
ALTAVOZ DE BAJA FRECUENCIA

## DESCRIPCION / DESCRIPTION



This 18" high compliance, bass loudspeaker has been designed for professional high performance sound reinforcement systems. It incorporates a 3" voice coil diameter and a large, vented magnetic structure, in order to maximize heat dissipation, increasing power capacity while reducing power compression.

Este modelo de 18" de gran elasticidad está diseñado para aplicaciones de muy baja frecuencia, proporcionando una elevada eficiencia y excelente respuesta en frecuencia. Utiliza una bobina de 3" y un sistema magnético de gran tamaño, lo que le confiere una potencia admisible importante y una reducida distorsión.

## SPECIFICATIONS

Nominal diameter	460 mm - 18 in
Power capacity	300 w RMS
Sensitivity	95.8dB
	2.83 v @ 1 m @ 2 π
Frequency range	30 - 3000 Hz
Recommended Enclosure volume	60/150 1-2.23/6 ft.3
Voice coil diameter	77mm-3 in
Magnetic assembly weight	6.5kg-14.33lb
BL factor	16.3 N/A
Moving mass	0.121 kg

## MOUNTING INFO

Overall diameter	458 mm - 18 in
Bolt circle diameter	444 mm - 17.48 in
Baffle cutout diameter:	
Front mount	415 mm - 16.34 in
Rear mount	420 mm - 16.53 in
Depth	195 mm - 7.68 in
Volume displaced by driver	
	11 l - 0.41 ft.3
Net weight	8.4 kg - 18.52 lb
Shipping weight	9.5 kg - 20.94 lb

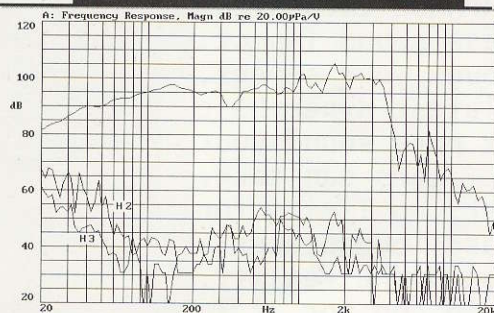
## THIELE SMALL PARAMETERS

Fs	33 Hz
Re	6.4 ohms
Qms	15.5
Qes	0.61
Qts	0.59
Vas	313 l
ho	1.9%
Sd	0.110 m <sup>2</sup>
Xmax	5 mm
Vd	550 cm <sup>3</sup>
Le	1.2 mH

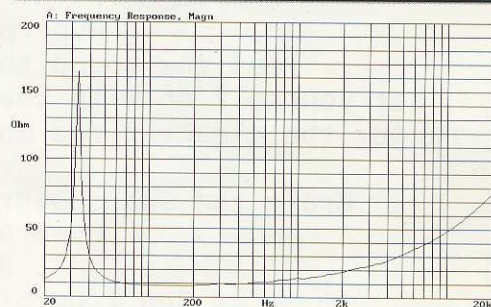
## MATERIALS

Basket	Steel
Cone	Paper
Surround	Plasticised cloth
Voice coil	Copper wire

## FREQUENCY RESPONSE & DISTORSION CURVES



## FREE AIR IMPEDANCE CURVE



HIPERPHASE CM 18 G PRO

