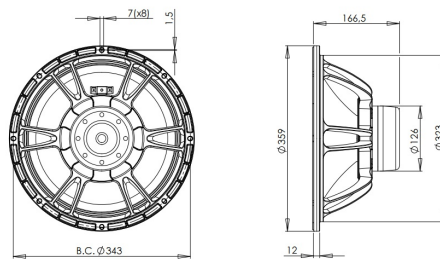


# 14NDL88

**4Ω****Altavoces LF - 13.5 Inches**

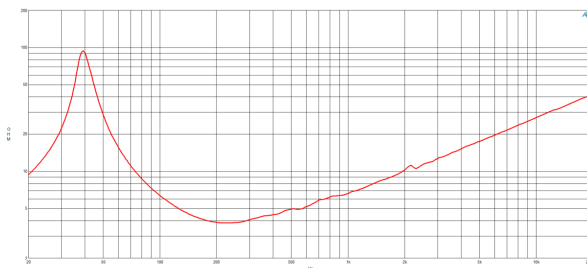
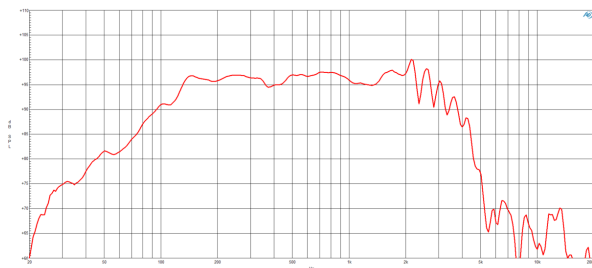
- 1400 W continuous program power capacity
- 88 mm (3.5 in) aluminium voice coil
- 45 - 3000 Hz response
- 98 dB sensitivity
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider for optimized compliance



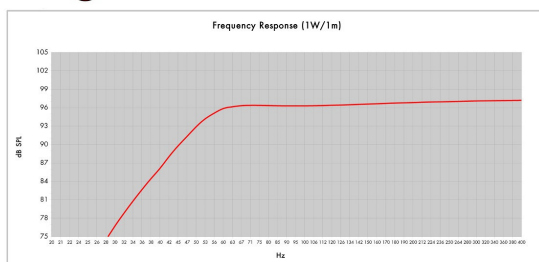
The NDL88 series is perfectly balanced for the loudspeaker systems of today. Incorporating a high temperature neodymium magnet inside the 3.5" (88mm) voice coil reduces the amount of steel needed in the motor structure, saving cost and weight. Unexpected low frequency output and midrange extension to meet with almost any driver for two way applications is the hallmark of this new performance-oriented woofer line from B&C Speakers. Do more, with less, with the NDL88 series.

# 14NDL88

Altavoces LF- 13.5 Inches



B&C SPEAKERS



Model: 14NDL88  
Enclosure Type: Bass Reflex Configuration: One Driver  
Internal Net Volume (liters): 75 QES: 6  
Tuning Frequency (Hz): 53 Port Area (cm<sup>2</sup>): 222.3  
Frequency (-3 dB) (Hz): 33.6 Port Length (cm): 17.0  
Frequency (-10 dB) (Hz): 41.6

## ESPECIFICACIÓN

|  |                   |
|--|-------------------|
| Diámetro nominal                         | 359 mm (14.0 in)  |
| Impedancia nominal                       | 4 Ω               |
| Impedancia mínima                        | 3.8 Ω             |
| Manejo de potencia nominal <sup>1</sup>  | 700 W             |
| Manejo de potencia continua <sup>2</sup> | 1400 W            |
| Sensibilidad                             | 98.0 dB           |
| Rango de frecuencia                      | 40 - 3000 Hz      |
| Diámetro de la bobina                    | 88 mm (3.46 in)   |
| Material de la bobina                    | Aluminio          |
| Material anterior                        | Fibra de Vidrio   |
| Profundidad del devanado                 | 21.5 mm (0.85 in) |
| Profundidad magnética                    | 10.0 mm (0.39 in) |
| Densidad de flujo                        | 1.15 T            |

## DISEÑO

|                                 |  |
|---------------------------------|--|
| Forma del ala de suspensión     | Triple Onda                                  |
| Forma del cono                  | Exponencial                                  |
| Material del imán               | Perno Interior Neo                           |
| Araña                           | Siliconada Doble                             |
| Diseño del perno                | Perno Tipo T                                 |
| Tratamiento del cono del woofer | WP A Prueba de Agua (Frente)                 |
| Recinto recomendado             | 75.0 dm <sup>3</sup> (2.65 ft <sup>3</sup> ) |
| Sintonía recomendada            | 53 Hz  |

## PARÁMETROS<sup>3</sup>

|                          |   |
|--------------------------|---|
| Frecuencia de resonancia | 40 Hz   |
| Re                       | 3.1 Ω   |
| Qes                      | 0.24  |
| Qms                      | 8.2   |
| Qts                      | 0.23  |
| Vas                      | 128.0 dm <sup>3</sup> (4.52 ft <sup>3</sup> )   |
| Sd                       | 707.0 cm <sup>2</sup> (109.59 in <sup>2</sup> ) |
| η <sub>o</sub>           | 3.2 %   |
| X <sub>max</sub>         | ± 8.0 mm  |
| X <sub>var</sub>         | ± 9.0 mm  |
| M <sub>ms</sub>          | 89.0 g  |
| Bl                       | 16.9 Txm  |
| Le                       | 0.85 mH   |
| EBP                      | 166 Hz  |

**INFORMACIÓN DE MONTAJE Y ENVÍO**

|   |   |
|---|---|
| Diámetro total                              | 359 mm (14.13 in)                           |
| Diámetro de circunferencia de los tornillos | 343 mm (13.5 in)                            |
| Diámetro de la perforación en el baffle     | 323.0 mm (12.72 in)                         |
| Profundidad                                 | 167 mm (6.57 in)                            |
| Espesor del reborde y junta                 | 12 mm (0.47 in)                             |
| Volumen de aire ocupado por el bocina       | 3.5 dm <sup>3</sup> (0.12 ft <sup>3</sup> ) |
| Peso neto                                   | 4.7 kg (10.36 lb)                           |
| Unidades del envío                          | 1   |
| Peso del envío                              | 6.0 kg (13.23 lb)                           |
| Caja de envío                               | 425x425x224 mm (16.73x16.73x8.82 in)        |

**KIT DE SERVICIO**

|            |             |
|------------|-------------|
| Recone kit | RCK14NDL884 |
|------------|-------------|

1. Test de 2 horas realizado con señal de ruido rosa en el rango Fs - 10Fs. Potencia calculada en base a la impedancia minima.
2. El manejo de Potencia con Programa Continuo es definido en 3dB por encima del manejo Nominal.
3. Los parámetros Thiele-Small son medidos luego de un test de preacondicionamiento con onda senoidal de alto nivel de 20 Hz.