

- 500 W continuous program power capacity
- 64 mm (2.5 in) aluminium voice coil
- 55 - 3000 Hz response
- 98 dB sensitivity



## 12FW64 8 Ω

Woofer

### SPECIFICATIONS

|   |                                 |
|---|---------------------------------|
| Nominal Diameter  | <b>320 mm (12 in)</b>           |
| Nominal Impedance   | <b>8 Ω</b>                      |
| Minimum Impedance   | <b>6.7 Ω</b>                    |
| Nominal Power Handling  | <b>250 W</b>                    |
| 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air. |                                 |
| Continuous Power Handling   | <b>500 W</b>                    |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating.   |                                 |
| Sensitivity   | <b>98 dB</b>                    |
| Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.  |                                 |
| Frequency Range   | <b>55 Hz - 3000 Hz</b>          |
| Voice Coil Diameter   | <b>64 mm (2.5 in)</b>           |
| Winding Material  | <b>Aluminium</b>                |
| Former Material   | <b>Glass Fibre</b>              |
| Winding Depth   | <b>14 mm (0.55 in)</b>          |
| Magnetic Gap Depth  | <b>8 mm (0.31 in)</b>           |
| Flux Density  | <b>1.3 T</b>                    |
| Woofer Cone Treatment   | <b>WP Waterproof Front Side</b> |

### PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

|      |   |
|------|---|
| Fs   | <b>55 Hz</b>                                    |
| Re   | <b>5.2 Ω</b>                                    |
| Qes  | <b>0.32</b>                                     |
| Qms  | <b>3.5</b>                                      |
| Qts  | <b>0.29</b>                                     |
| Vas  | <b>64 dm<sup>3</sup> (2.26 ft<sup>3</sup>)</b>  |
| Sd   | <b>522 cm<sup>2</sup> (80.9 in<sup>2</sup>)</b> |
| η0   | <b>3.6 %</b>                                    |
| Xmax | <b>5 mm</b>                                     |
| Xvar | <b>5 mm</b>                                     |
| Mms  | <b>47 g</b>                                     |
| Bl   | <b>15.5 Tm</b>                                  |
| Le   | <b>1 mH</b>                                     |
| EBP  | <b>172 Hz</b>                                   |

### DESIGN

|                       |   |
|-----------------------|---|
| Surround Shape        | <b>Double Roll</b>                            |
| Cone Shape            | <b>Exponential</b>                            |
| Magnet Material       | <b>Ferrite</b>                                |
| Spider                | <b>Single</b>                                 |
| Pole Design           | <b>T-Pole</b>                                 |
| Woofer Cone Treatment | <b>WP Waterproof Front Side</b>               |
| Recommended Enclosure | <b>40 dm<sup>3</sup> (1.4 ft<sup>3</sup>)</b> |
| Recommended Tuning    | <b>55 Hz</b>                                  |

### MOUNTING AND SHIPPING INFO

|                               |  |
|-------------------------------|--|
| Overall Diameter              | <b>315 mm (12.4 in)</b>                      |
| Bolt Circle Diameter          | <b>298 mm (11.7 in)</b>                      |
| Baffle Cutout Diameter        | <b>283 mm (11.1 in)</b>                      |
| Depth                         | <b>136 mm (5.35 in)</b>                      |
| Flange and Gasket Thickness   | <b>13 mm (0.51 in)</b>                       |
| Air Volume Occupied by Driver | <b>3 dm<sup>3</sup> (0.1 ft<sup>3</sup>)</b> |
| Net Weight                    | <b>5.65 kg (12.46 lb)</b>                    |
| Shipping Units                | <b>1 pcs</b>                                 |
| Shipping Weight               | <b>6.55 kg (14.44 lb)</b>                    |
| Shipping Box                  | <b>360x360x200 mm (14.17x14.17x7.87 in)</b>  |

### SERVICE KITS

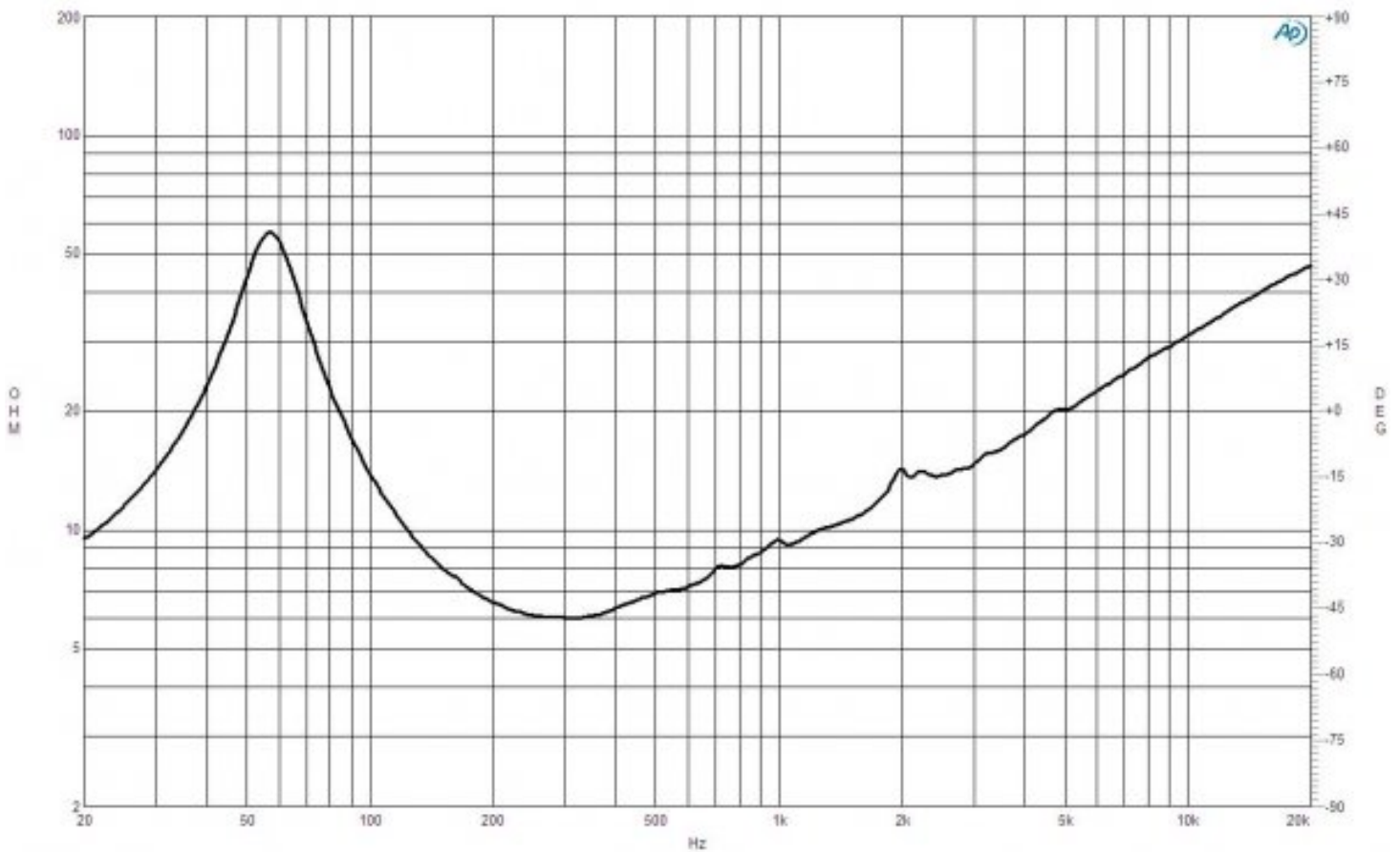
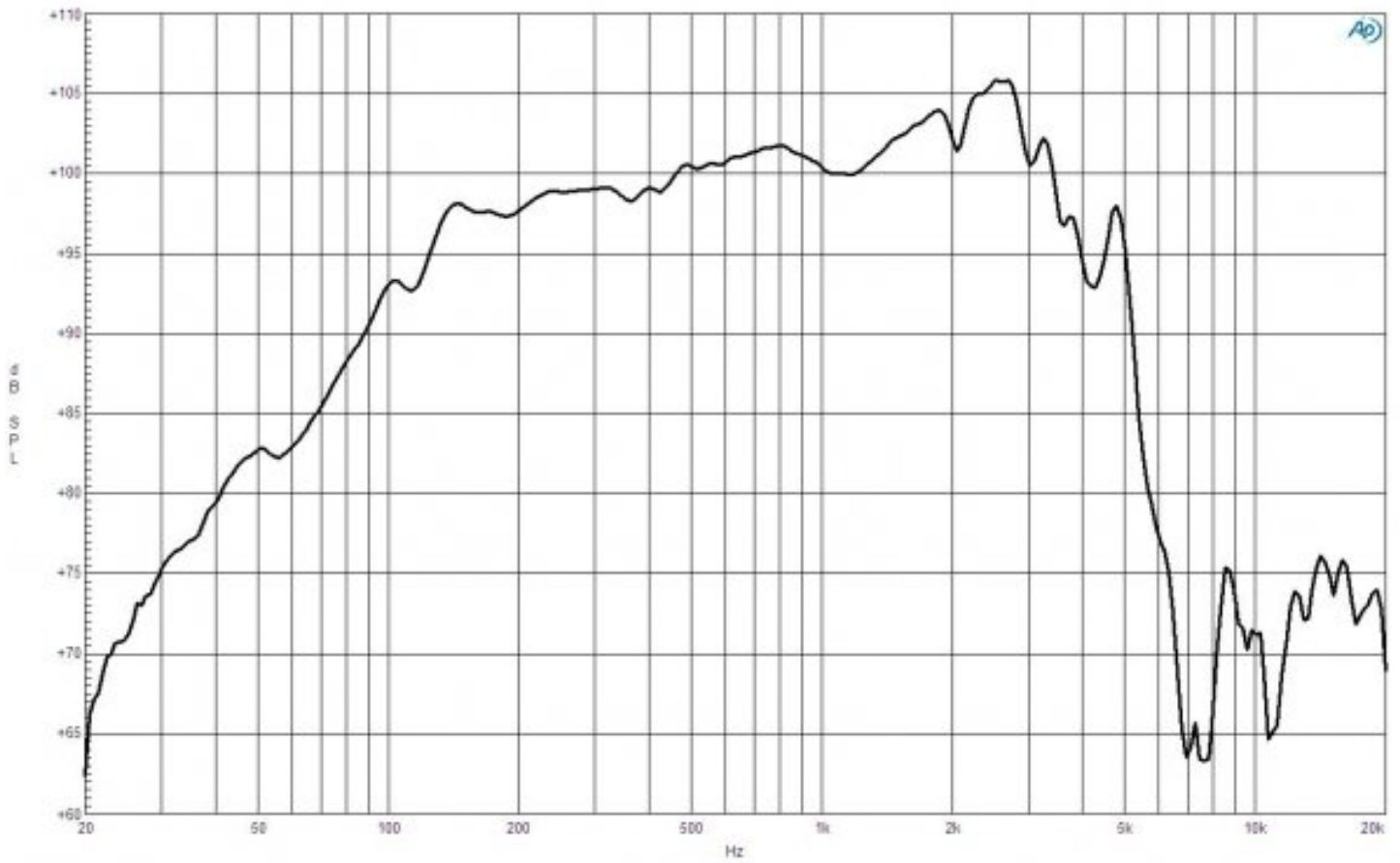
|                |                   |
|----------------|-------------------|
| LF recone-kits | <b>RCK12FW648</b> |
|----------------|-------------------|

# LF Drivers

Ø 12 inches

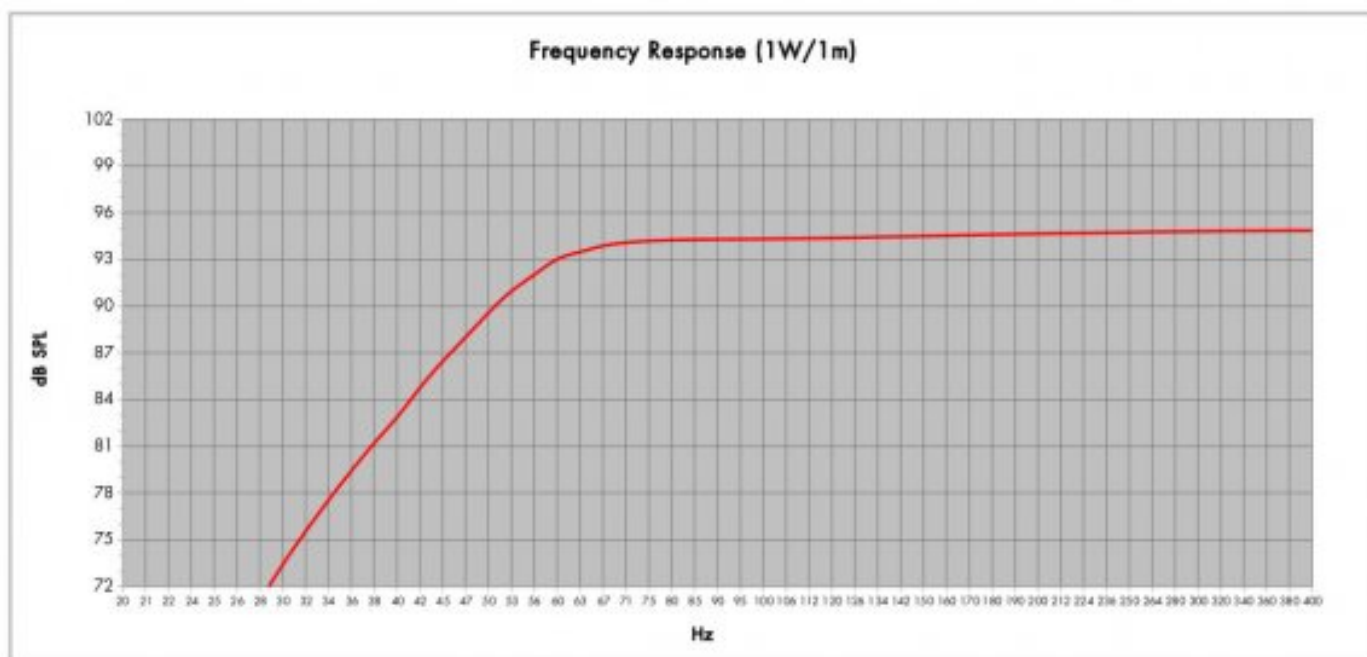
12FW64 8 Ω

Woofer



Professional loudspeaker transducers since 1946

B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY  
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com



|                               |                    |                               |                   |
|-------------------------------|--------------------|-------------------------------|-------------------|
| Model:                        | <b>12FW64</b>      | Configuration:                | <b>One Driver</b> |
| Enclosure Type:               | <b>Bass Reflex</b> |                               |                   |
| Internal Net Volume (Litres): | <b>40</b>          | QB:                           | <b>7</b>          |
| Tuning Frequency (Hz):        | <b>55</b>          | Port Area (cm <sup>2</sup> ): | <b>86,0</b>       |
| Frequency (-3 dB) (Hz):       | <b>55,8</b>        | Port Length (cm):             | <b>12,2</b>       |

# LF Drivers

Ø 12 inches

**12FW64** 8 Ω

Woofer

