# 10FW64 8 Ω

Woofer

- 500 W continuous program power capacity
- 64 mm (2.5 in) aluminium voice coil
- 65 - 3000 Hz response
- 98 dB sensitivity







**B&C Speakers S.p.A.** Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
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## SPECIFICATIONS

| | |
|---|---|
| Nominal Diameter | **250 mm (10 in)** |
| Nominal Impedance | **8 Ω** |
| Minimum Impedance | **6.4 Ω** |
| Nominal Power Handling<br>2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air. | **250 W** |
| Continuous Power Handling<br>Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | **500 W** |
| Sensitivity<br>Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance. | **98 dB** |
| Frequency Range | **65 Hz - 3000 Hz** |
| Voice Coil Diameter | **64 mm (2.5 in)** |
| Winding Material | **Aluminium** |
| Former Material | **Glass Fibre** |
| Winding Depth | **14 mm (0.55 in)** |
| Magnetic Gap Depth | **8 mm (0.31 in)** |
| Flux Density | **1.25 T** |
| Woofer Cone Treatment | **WP Waterproof Front Side** |

## PARAMETERS

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

| | |
|---|---|
| Fs | **63 Hz** |
| Re | **5 Ω** |
| Qes | **0.25** |
| Qms | **3.4** |
| Qts | **0.23** |
| Vas | **27 $dm^3$ (0.95 $ft^3$)** |
| Sd | **320 $cm^2$ (50 $in^2$)** |
| η0 | **2.6 %** |
| Xmax | **5 mm** |
| Xvar | **5.5 mm** |
| Mms | **34 g** |
| Bl | **16.4 Tm** |
| Le | **0.9 mH** |
| EBP | **252 Hz** |

## DESIGN

| | |
|---|---|
| Surround Shape | **Double Roll** |
| Cone Shape | **Exponential** |
| Magnet Material | **Ferrite** |
| Spider | **Single** |
| Pole Design | **T-Pole** |
| Woofer Cone Treatment | **WP Waterproof Front Side** |
| Recommended Enclosure | **26 $dm^3$ (0.92 $ft^3$)** |
| Recommended Tuning | **62 Hz** |

## MOUNTING AND SHIPPING INFO

| | |
|---|---|
| Overall Diameter | **261 mm (10.3 in)** |
| Bolt Circle Diameter | **245 mm (9.6 in)** |
| Baffle Cutout Diameter | **233 mm (9.17 in)** |
| Depth | **116 mm (4.6 in)** |
| Flange and Gasket Thickness | **13 mm (0.5 in)** |
| Air Volume Occupied by Driver | **2.5 $dm^3$ (0.09 $ft^3$)** |
| Net Weight | **5.4 kg (11.9 lb)** |
| Shipping Units | **1 pcs** |
| Shipping Weight | **6 kg (13.23 lb)** |
| Shipping Box | **295x314x175 mm (11.61x12.36x6.89 in)** |

## SERVICE KITS

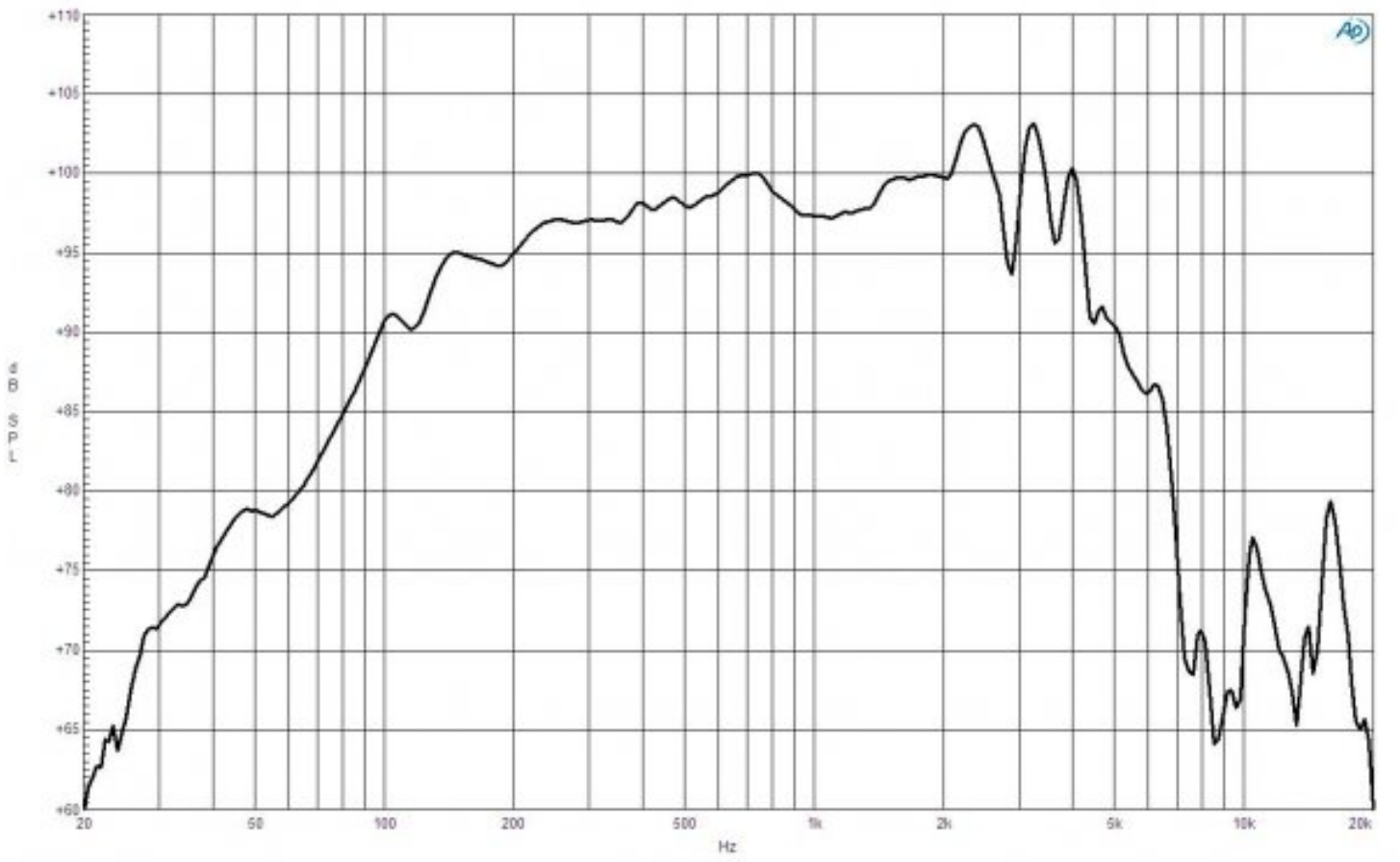
| | |
|---|---|
| LF recone-kits | **RCK10FW648** |

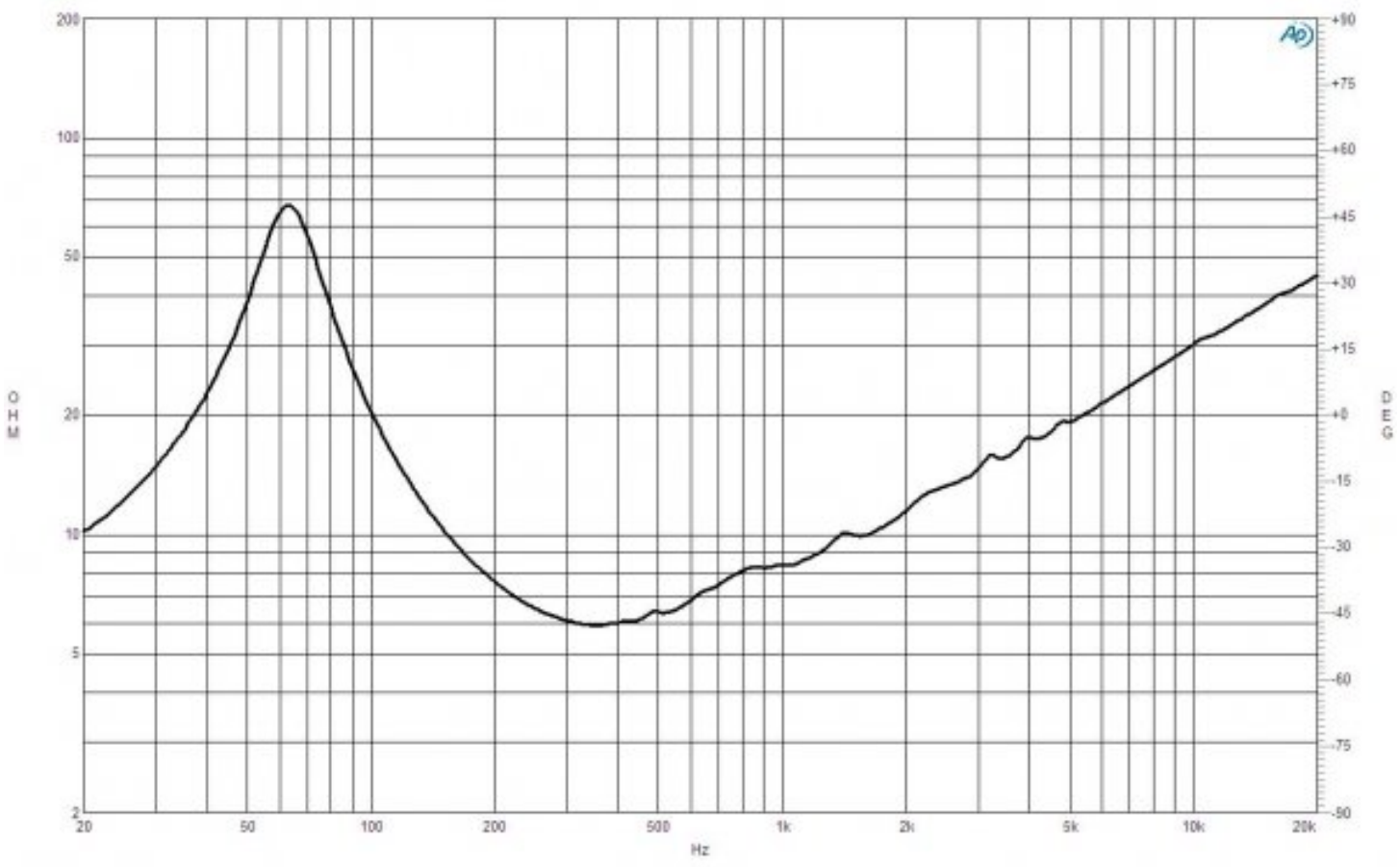


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