# 15NW76 4 Ω

Woofer

- 1200 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 99 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Neodymium ring magnet assembly
- Double silicone spider and ventilated voice coil gap







**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

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## SPECIFICATIONS

| | |
|---|---|
| Nominal Diameter | **380 mm (15 in)** |
| Nominal Impedance | **4 Ω** |
| Minimum Impedance | **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. | **600 W** |
| Continuous Power Handling<br>Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | **1200 W** |
| Sensitivity<br>Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance. | **99 dB** |
| Frequency Range | **40 Hz - 2000 Hz** |
| Voice Coil Diameter | **76 mm (3 in)** |
| Winding Material | **Copper** |
| Former Material | **Glass Fibre** |
| Winding Depth | **19 mm (0.75 in)** |
| Magnetic Gap Depth | **11 mm (0.43 in)** |
| Flux Density | **1.3 T** |
| Woofer Cone Treatment | **TWP Waterproof Both Sides** |

## PARAMETERS

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

| | |
|---|---|
| Fs | **39 Hz** |
| Re | **3.1 Ω** |
| Qes | **0.21** |
| Qms | **6.41** |
| Qts | **0.21** |
| Vas | **143 $dm^3$ (5.05 $ft^3$)** |
| Sd | **855 $cm^2$ (132.5 $in^2$)** |
| η0 | **3.88 %** |
| Xmax | **8 mm** |
| Xvar | **10 mm** |
| Mms | **119 g** |
| Bl | **20.64 Tm** |
| Le | **0.88 mH** |
| EBP | **186 Hz** |

## DESIGN

| | |
|---|---|
| Surround Shape | **Triple Roll** |
| Cone Shape | **Exponential** |
| Magnet Material | **Neodymium Ring** |
| Spider | **Double Silicone** |
| Pole Design | **T-Pole** |
| Woofer Cone Treatment | **TWP Waterproof Both Sides** |
| Recommended Enclosure | **90 $dm^3$ (3.18 $ft^3$)** |
| Recommended Tuning | **53 Hz** |

## MOUNTING AND SHIPPING INFO

| | |
|---|---|
| Overall Diameter | **393 mm (15.5 in)** |
| Bolt Circle Diameter | **374 mm (14.7 in)** |
| Baffle Cutout Diameter | **354 mm (13.9 in)** |
| Depth | **177 mm (7 in)** |
| Flange and Gasket Thickness | **16 mm (0.62 in)** |
| Air Volume Occupied by Driver | **3.7 $dm^3$ (0.13 $ft^3$)** |
| Net Weight | **5.6 kg (12.3 lb)** |
| Shipping Units | **1 pcs** |
| Shipping Weight | **7 kg (15.4 lb)** |
| Shipping Box | **420x420x200 mm (16.5x16.5x7.9 in)** |

## SERVICE KITS

| | |
|---|---|
| LF recone-kits | **RCK15NW764** |



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