

15NW76

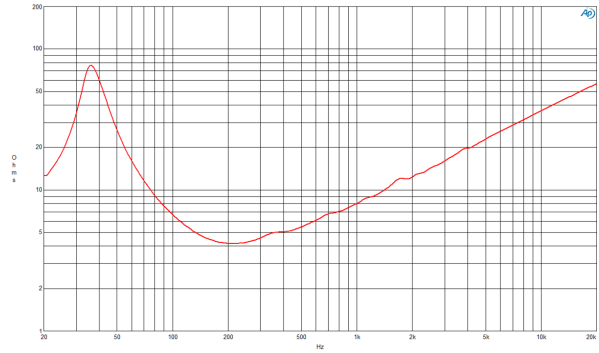
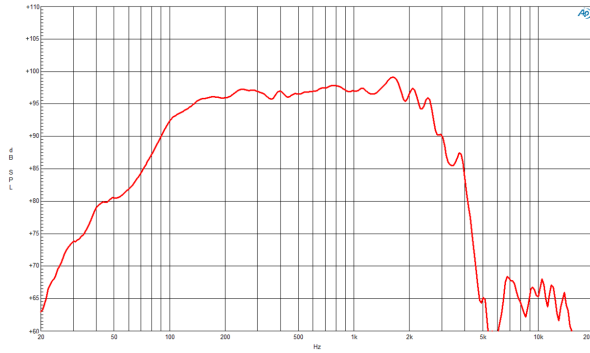
4Ω**LF Drivers** - 15.0 Inches

- 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



15NW76

LF Drivers- 15.0 Inches



SPECIFICATIONS

| | |
|--|-------------------|
| Nominal Diameter | 380 mm (15.0 in) |
| Nominal Impedance | 4 Ω |
| Minimum Impedance | 4.0 Ω |
| Nominal Power Handling ¹ | 600 W |
| Continuous Power Handling ² | 1200 W |
| Sensitivity ³ | 99.0 dB |
| Frequency Range | 40 - 2000 Hz |
| Voice Coil Diameter | 76 mm (3.0 in) |
| Winding Material | Copper |
| Former Material | Glass Fibre |
| Winding Depth | 19.0 mm (0.75 in) |
| Magnetic Gap Depth | 11.0 mm (0.43 in) |
| Flux Density | 1.3 T |

DESIGN

| | |
|------------------------|--|
| Surround Shape | Triple Roll |
| Cone Shape | Exponential |
| Magnet Material | Neodymium Ring |
| Spider | Double Silicone |
| Pole Design | T-Pole |
| Woofers Cone Treatment | TWP Waterproof Both Sides |
| Recommended Enclosure | 90.0 dm ³ (3.18 ft ³) |
| Recommended Tuning | 53 Hz |

PARAMETERS⁴

| | |
|---------------------|--|
| Resonance Frequency | 39 Hz |
| Re | 3.1 Ω |
| Qes | 0.21 |
| Qms | 6.41 |
| Qts | 0.21 |
| Vas | 143.0 dm ³ (5.05 ft ³) |
| Sd | 855.0 cm ² (132.5 in ²) |
| η _o | 3.88 % |
| X _{max} | ± 8.0 mm |
| X _{var} | ± 10.0 mm |
| M _{ms} | 119.0 g |
| Bl | 20.64 Txm |
| Le | 0.88 mH |
| EBP | 185 Hz |

MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall Diameter | 393 mm (15.5 in) |
| Bolt Circle Diameter | 374 mm (14.7 in) |
| Baffle Cutout Diameter | 354.0 mm (13.9 in) |
| Depth | 177 mm (7.0 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 |
| Shipping Weight | 7.0 kg (15.4 lb) |
| Shipping Box | 420x420x200 mm (16.5x16.5x7.9 in) |

SERVICE KIT

| | |
|------------|------------|
| Recone kit | RCK15NW764 |
|------------|------------|

- 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
- Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance.
- Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

B&C Speakers s.p.a.

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