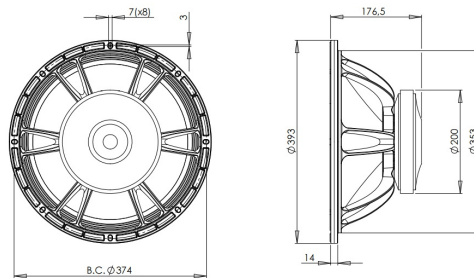


# 15FW76

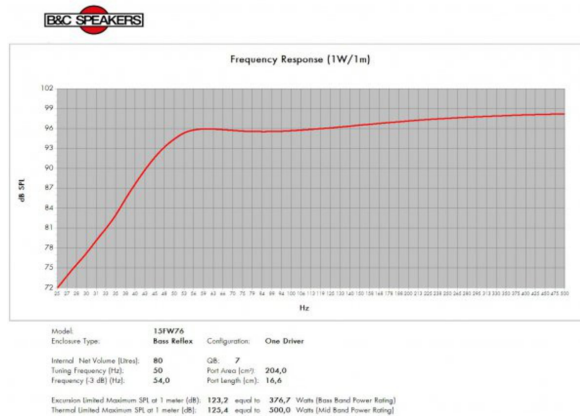
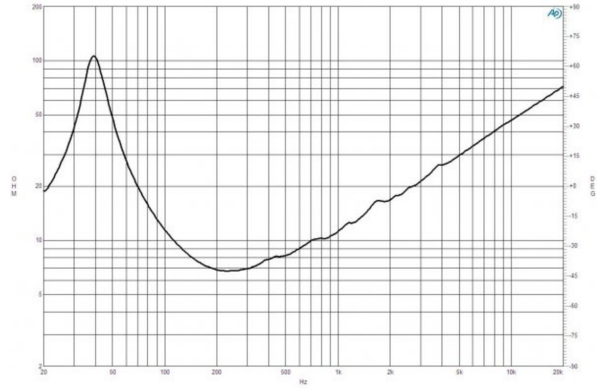
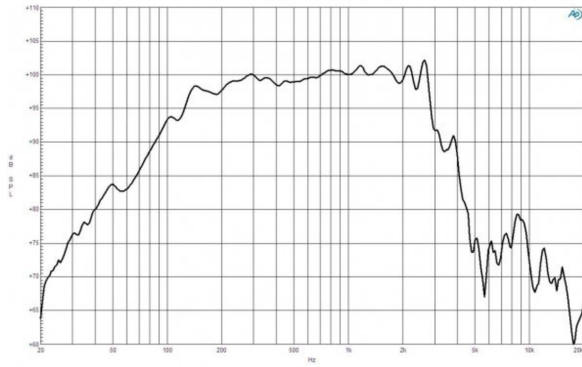
**8Ω****LF Drivers - 15.0 Inches**

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 100 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider and ventilated voice coil gap



# 15FW76

LF Drivers- 15.0 Inches



## SPECIFICATIONS

|  |                   |
|--|-------------------|
| Nominal Diameter                       | 380 mm (15.0 in)  |
| Nominal Impedance                      | 8 Ω               |
| Minimum Impedance                      | 6.4 Ω             |
| Nominal Power Handling <sup>1</sup>    | 500 W             |
| Continuous power handling <sup>2</sup> | 1000 W            |
| Sensitivity (1W/1m) <sup>3</sup>       | 100.0 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                           | 1.25 T            |

## DESIGN

|                       |  |
|-----------------------|--|
| Surround Shape        | Triple Roll                                  |
| Cone Shape            | Exponential                                  |
| Magnet Material       | Ferrite                                      |
| Spider                | Double Silicone                              |
| Pole Design           | T-Pole                                       |
| Woofer Cone Treatment | WP Waterproof Front Side                     |
| Recommended Enclosure | 80.0 dm <sup>3</sup> (2.82 ft <sup>3</sup> ) |
| Recommended Tuning    | 50 Hz  |

## PARAMETERS<sup>4</sup>

|                     |  |
|---------------------|--|
| Resonance Frequency | 40 Hz  |
| Re                  | 5.1 Ω  |
| Qes                 | 0.22   |
| Qms                 | 5.1  |
| Qts                 | 0.21   |
| Vas                 | 138.0 dm <sup>3</sup> (4.9 ft <sup>3</sup> )   |
| Sd                  | 855.0 cm <sup>2</sup> (132.5 in <sup>2</sup> ) |
| η <sub>o</sub>      | 3.9 %  |
| Xmax                | ± 7.0 mm                                       |
| Xvar                | ± 8.0 mm                                       |
| Mms                 | 117.0 g  |
| Bl                  | 26.2 Txm                                       |
| Le                  | 1.4 mH   |
| EBP                 | 181 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 (6.97 in)                            |
| Flange and Gasket Thickness   | 14 mm (0.55 in)                             |
| Air Volume Occupied by Driver | 5.5 dm <sup>3</sup> (0.19 ft <sup>3</sup> ) |
| Net Weight                    | 9.3 kg (20.5 lb)                            |
| Shipping Units                | 1   |
| Shipping Weight               | 10.6 kg (23.37 lb)                          |
| Shipping Box                  | 425x425x224 mm (16.73x16.73x8.82 in)        |

**SERVICE KIT**

|            |            |
|------------|------------|
| Recone kit | RCK15FW768 |
|------------|------------|

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.