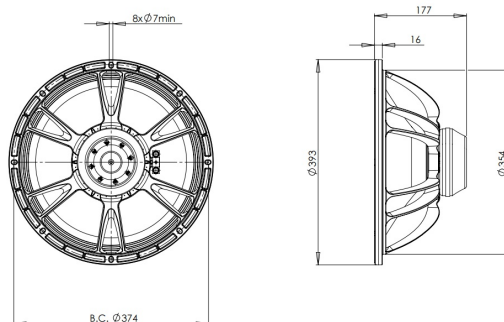


# 15NW76

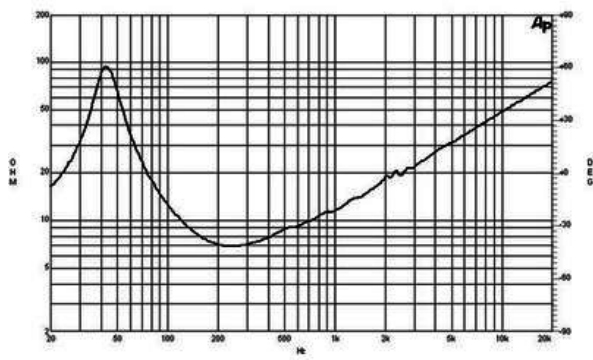
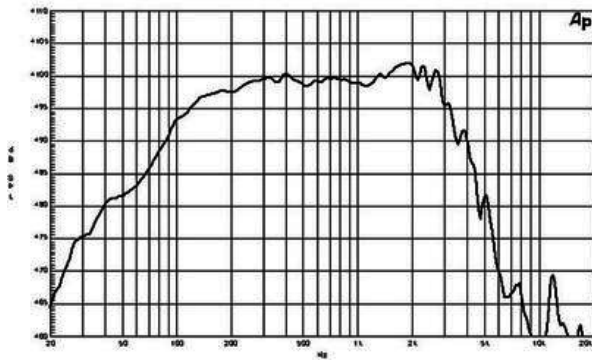
**8Ω****LF Drivers** - 15.0 Inches

- 1200 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 100.5 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                      | 8 $\Omega$        |
| Minimum Impedance                      | 6.9 $\Omega$      |
| Nominal Power Handling <sup>1</sup>    | 600 W             |
| Continuous Power Handling <sup>2</sup> | 1200 W            |
| Sensitivity <sup>3</sup>               | 100.5 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                                       |
| Woofer Cone Treatment | TWP Waterproof Both Sides                    |
| Recommended Enclosure | 90.0 dm <sup>3</sup> (3.18 ft <sup>3</sup> ) |
| Recommended Tuning    | 53 Hz                                        |

## PARAMETERS<sup>4</sup>

|                     |                                                |
|---------------------|------------------------------------------------|
| Resonance Frequency | 42 Hz                                          |
| Re                  | 5.3 $\Omega$                                   |
| Qes                 | 0.23                                           |
| Qms                 | 4.3                                            |
| Qts                 | 0.22                                           |
| Vas                 | 130.0 dm <sup>3</sup> (4.5 ft <sup>3</sup> )   |
| Sd                  | 855.0 cm <sup>2</sup> (132.5 in <sup>2</sup> ) |
| $\eta_o$            | 4.4 %                                          |
| Xmax                | 8.0 mm                                         |
| Xvar                | 10.0 mm                                        |
| Mms                 | 104.0 g                                        |
| Bl                  | 25.5 Txm                                       |
| Le                  | 1.25 mH                                        |
| EBP                 | 182 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 <sup>3</sup> (0.13 ft <sup>3</sup> ) |
| Net Weight                    | 5.6 kg (12.3 lb)                            |
| Shipping Units                | 1                                           |
| Shipping Weight               | 6.9 kg (15.21 lb)                           |
| Shipping Box                  | 425x425x224 mm (16.73x16.73x8.82 in)        |

## SERVICE KIT

RCK15NW768

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal 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.