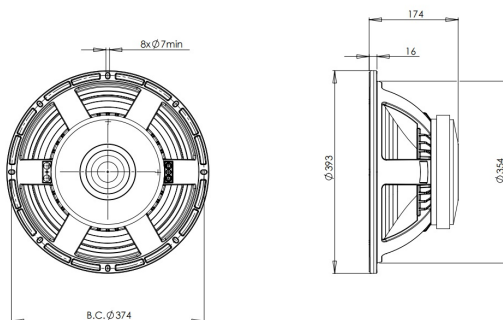


# 15PZB100

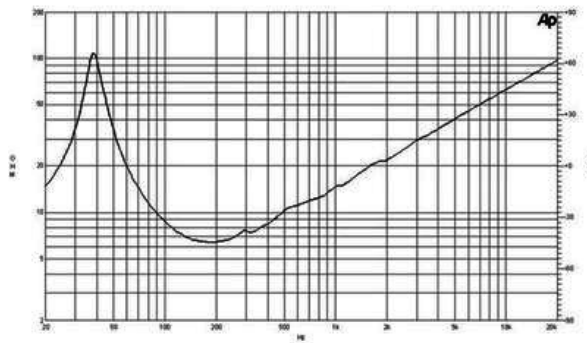
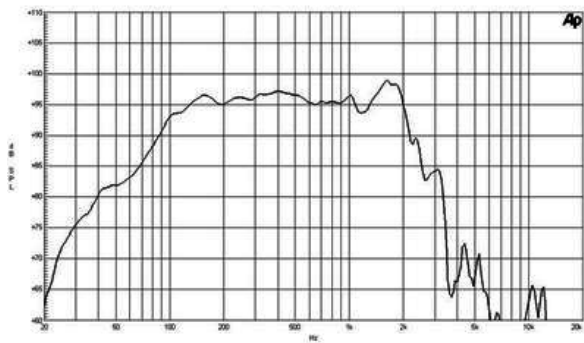
**8Ω****LF Drivers - 15.0 Inches**

- 1400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 40- 2000 Hz response
- 97 dB sensitivity
- Double silicone spider with optimized compliance



# 15PZB100

LF Drivers- 15.0 Inches



## SPECIFICATIONS

|                                        |                   |
|----------------------------------------|-------------------|
| Nominal Diameter                       | 380 mm (15.0 in)  |
| Nominal Impedance                      | 8 $\Omega$        |
| Minimum Impedance                      | 6.4 $\Omega$      |
| Nominal Power Handling <sup>1</sup>    | 700 W             |
| Continuous Power Handling <sup>2</sup> | 1400 W            |
| Sensitivity <sup>3</sup>               | 97.0 dB           |
| Frequency Range                        | 40 - 2000 Hz      |
| Voice Coil Diameter                    | 100 mm (4.0 in)   |
| Winding Material                       | Copper            |
| Former Material                        | Glass Fibre       |
| Winding Depth                          | 21.0 mm (0.83 in) |
| Magnetic Gap Depth                     | 9.0 mm (0.35 in)  |
| Flux Density                           | 1.15 T            |

## DESIGN

|                       |                                              |
|-----------------------|----------------------------------------------|
| Surround Shape        | Double Roll                                  |
| Cone Shape            | Exponential                                  |
| Magnet Material       | Ferrite                                      |
| Spider                | Double Silicone                              |
| Pole Design           | Straight Pole                                |
| Woofer Cone Treatment | TWP Waterproof Both Sides                    |
| Recommended Enclosure | 105.0 dm <sup>3</sup> (3.7 ft <sup>3</sup> ) |
| Recommended Tuning    | 39 Hz                                        |

## PARAMETERS<sup>4</sup>

|                     |                                                |
|---------------------|------------------------------------------------|
| Resonance Frequency | 39 Hz                                          |
| Re                  | 5.2 $\Omega$                                   |
| Qes                 | 0.3                                            |
| Qms                 | 6.5                                            |
| Qts                 | 0.29                                           |
| Vas                 | 110.0 dm <sup>3</sup> (3.8 ft <sup>3</sup> )   |
| Sd                  | 855.0 cm <sup>2</sup> (132.5 in <sup>2</sup> ) |
| $\eta_o$            | 2.1 %                                          |
| Xmax                | 8.0 mm                                         |
| Xvar                | 6.5 mm                                         |
| Mms                 | 154.0 g                                        |
| Bl                  | 25.8 Txm                                       |
| Le                  | 2.0 mH                                         |
| EBP                 | 130 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                         | 174 mm (6.85 in)                            |
| Flange and Gasket Thickness   | 16 mm (0.62 in)                             |
| Air Volume Occupied by Driver | 5.2 dm <sup>3</sup> (0.18 ft <sup>3</sup> ) |
| Net Weight                    | 11.8 kg (26.0 lb)                           |
| Shipping Units                | 1                                           |
| Shipping Weight               | 13.1 kg (28.8 lb)                           |
| Shipping Box                  | 425x425x224 mm (16.73x16.73x8.82 in)        |

## SERVICE KIT

|              |
|--------------|
| RCK15PZB1008 |
|--------------|

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.