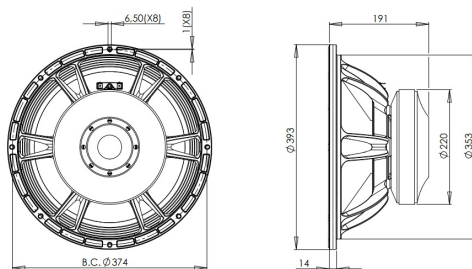


15TBW100

8Ω

LF Drivers - 15.0 Inches

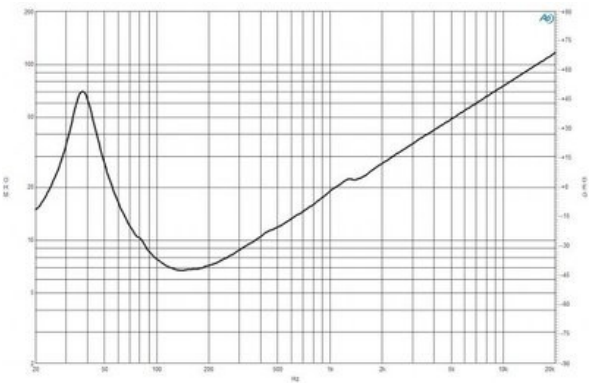
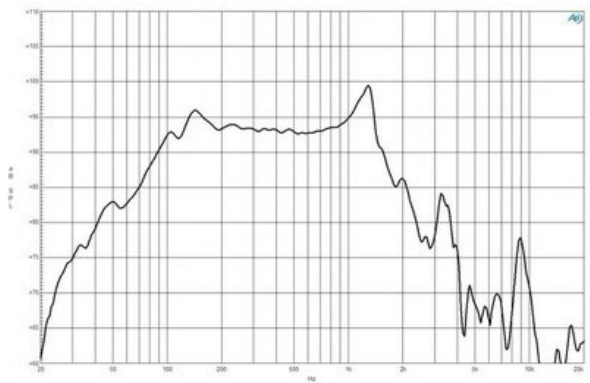


- 3000 W continuous program power capacity
- 100 mm (4 in) split winding copper voice coil
- 40 - 1500 Hz response
- 96 dB sensitivity
- 57 mm peak-to-peak excursion before damage
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion



15TBW100

LF Drivers- 15.0 Inches



SPECIFICATIONS

| | |
|----------------------------------------|-------------------|
| Nominal Diameter | 380 mm (15.0 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.7 Ω |
| Nominal Power Handling ¹ | 1500 W |
| Continuous Power Handling ² | 3000 W |
| Sensitivity ³ | 96.0 dB |
| Frequency Range | 40 - 1500 Hz |
| Voice Coil Diameter | 100 mm (4.0 in) |
| Winding Material | Copper |
| Former Material | Glass Fibre |
| Winding Depth | 31.0 mm (1.22 in) |
| Magnetic Gap Depth | 15.0 mm (0.59 in) |
| Flux Density | 1.15 T |

DESIGN

| | |
|-----------------------|----------------------------------------------|
| Surround Shape | Triple Roll |
| Cone Shape | Radial |
| Magnet Material | Ferrite |
| Spider | Double Silicone |
| Pole Design | T-Pole |
| Woofer Cone Treatment | TWP Waterproof Both Sides |
| Recommended Enclosure | 95.0 dm ³ (3.35 ft ³) |
| Recommended Tuning | 40 Hz |

PARAMETERS⁴

| | |
|---------------------|------------------------------------------------|
| Resonance Frequency | 39 Hz |
| Re | 5.3 Ω |
| Qes | 0.33 |
| Qms | 4.4 |
| Qts | 0.31 |
| Vas | 96.0 dm ³ (3.39 ft ³) |
| Sd | 855.0 cm ² (132.5 in ²) |
| η_o | 1.6 % |
| Xmax | 12.0 mm |
| Xvar | 13.5 mm |
| Mms | 181.0 g |
| Bl | 26.4 Txm |
| Le | 2.2 mH |
| EBP | 118 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 | 191 mm (7.52 in) |
| Flange and Gasket Thickness | 14 mm (0.55 in) |
| Air Volume Occupied by Driver | 6.0 dm ³ (0.21 ft ³) |
| Net Weight | 14.3 kg (31.5 lb) |
| Shipping Units | 1 |
| Shipping Weight | 15.6 kg (34.39 lb) |
| Shipping Box | 425x425x224 mm (16.73x16.73x8.82 in) |

SERVICE KIT

| |
|--------------|
| RCK15TBW1008 |
|--------------|

- 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal 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 2.83 V for 8 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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