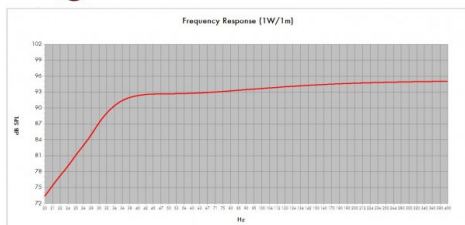
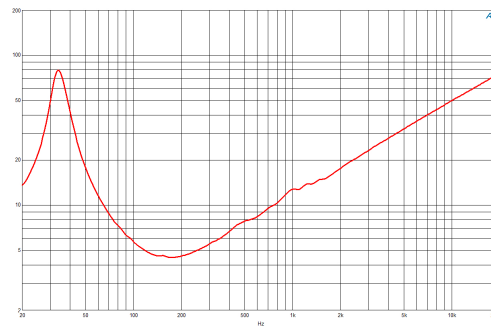
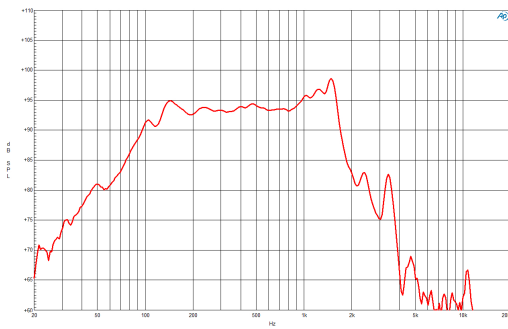


- 2000 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1500 Hz response
- 95 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression



| Model | 15NBX100 | Configuration | Cheer Driver |
|---|------------|------------------|------------------------------|
| Enclosure Type | Raw Reflex | | |
| Mounting Hole Diameter (mm) | 114 | Ø6 | Ø7 |
| Mounting Frequency (Hz) | 35 | Full Area (cm²) | 222.3 |
| Frequency 2.80 (Hz) | 39.3 | Port Length (cm) | 33.2 |
| Excursion Limited Maximum SPL at 1 meter (dB) | 120.0 | Impedance (Ω) | 416.2 (Nominal Power Rating) |
| Thermal Limited Maximum SPL at 1 meter (dB) | 125.1 | Impedance (Ω) | 1000.0 (Max Power Rating) |

SPECIFICATIONS

| | |
|---------------------------|---|
| Nominal Diameter | 380 mm (15 in) |
| Nominal Impedance | 4 Ω |
| Minimum Impedance | 4.4 Ω |
| Nominal Power Handling | 1000 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air. |
| Continuous Power Handling | 2000 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating. |
| Sensitivity | 95 dB Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance. |
| Frequency Range | 35 Hz - 1500 Hz |
| Voice Coil Diameter | 100 mm (4 in) |
| Winding Material | Copper |
| Former Material | Glass Fibre |
| Winding Depth | 25 mm (1 in) |
| Magnetic Gap Depth | 11 mm (0.43 in) |
| Flux Density | 1.1 T |
| Woofer Cone Treatment | TWP Waterproof Both Sides |

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

| | |
|------|---|
| Fs | 37 Hz |
| Re | 3.6 Ω |
| Qes | 0.3 |
| Qms | 4.77 |
| Qts | 0.27 |
| Vas | 109.6 dm ³ (3.87 ft ³) |
| Sd | 855 cm ² (132.5 in ²) |
| η0 | 1.82 % |
| Xmax | 10 mm |
| Xvar | 10 mm |
| Mms | 176 g |
| Bl | 22.69 Tm |
| Le | 1.58 mH |
| EBP | 123 Hz |

DESIGN

| | |
|-----------------------|--|
| Surround Shape | Triple Roll |
| Cone Shape | Exponential |
| Magnet Material | Neodymium Inside Slug |
| Spider | Double Silicone |
| Pole Design | T-Pole |
| Woofer Cone Treatment | TWP Waterproof Both Sides |
| Recommended Enclosure | 114 dm ³ (4 ft ³) |
| Recommended Tuning | 35 Hz |

MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall Diameter | 393 mm (15.5 in) |
| Bolt Circle Diameter | 374 mm (16.7 in) |
| Baffle Cutout Diameter | 353 mm (13.9 in) |
| Depth | 179 mm (7.05 in) |
| Flange and Gasket Thickness | 14 mm (0.55 in) |
| Air Volume Occupied by Driver | 6 dm ³ (0.21 ft ³) |
| Net Weight | 8.55 kg (18.85 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 9.85 kg (21.72 lb) |
| Shipping Box | 425x425x224 mm (16.73x16.73x8.82 in) |

SERVICE KITS

| | |
|----------------|--------------|
| LF recone-kits | RCK15NBX1004 |
|----------------|--------------|