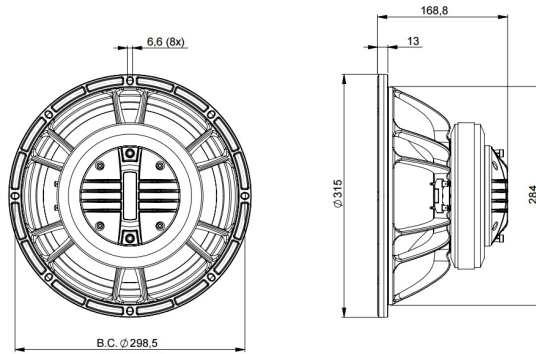


12FHX76

8Ω

Coaxials - 12.0 Inches

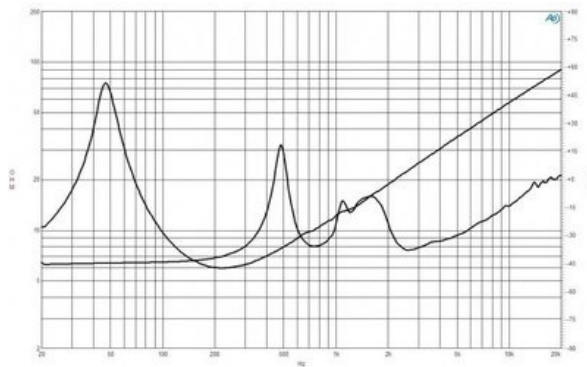
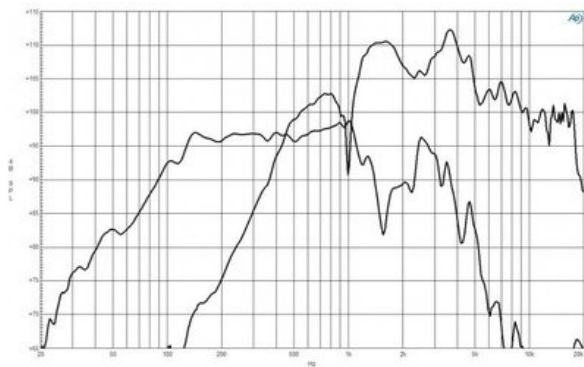


- 700 W continuous program power capacity
- 60°x40° nominal coverage
- 45 - 18000 Hz response
- 98 dB sensitivity
- Modified exponential horn flare for improved acoustic loading and controlled coverage
- 33 mm (1.3") HF unit exit diameter



12FHX76

Coaxials- 12.0 Inches



SPECIFICATIONS

| | |
|-------------------------------|--------------------------|
| Nominal Diameter | 320 mm (12.0 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance LF | 6.0 Ω |
| Minimum Impedance HF | 7.8 Ω |
| Frequency Range | 45 - 18000 Hz |
| Dispersion Angle ¹ | 60°x40° |
| Woofers Cone Treatment | WP Waterproof Front Side |
| Magnet Material | Ceramic |

PARAMETERS

| | |
|---------------------|---|
| Resonance Frequency | 48 Hz |
| Re | 5.2 Ω |
| Qes | 0.36 |
| Qms | 5.4 |
| Qts | 0.33 |
| Vas | 88.0 dm ³ (3.1 ft ³) |
| Sd | 522.0 cm ² (80.9 in ²) |
| η_e | 2.7 % |
| Xmax | 6.5 mm |
| Xvar | 4.0 mm |
| Mms | 47.0 g |
| Bl | 14.4 Txm |
| Le | 1.6 mH |
| EBP | 133 Hz |

SPECIFICATIONS LF UNIT

| | |
|---|-------------------|
| LF Sensitivity ² | 98.0 dB |
| LF Nominal Power Handling ³ | 350 W |
| LF Continuous Power Handling ⁴ | 700 W |
| LF Voice Coil Diameter | 76 mm (3.0 in) |
| LF Winding Material | Copper |
| LF Flux Density | 1.0 T |
| Former Material | Glass Fibre |
| Winding Depth | 16.5 mm (0.65 in) |
| Magnetic Gap Depth | 8.0 mm (0.31 in) |

MOUNTING AND SHIPPING INFO

| | |
|-----------------------------|--------------------------------------|
| Overall Diameter | 315 mm (12.4 in) |
| Bolt Circle Diameter | 298 mm (11.7 in) |
| Baffle Cutout Diameter | 284 mm (11.14 in) |
| Depth | 169 mm (6.65 in) |
| Flange and Gasket Thickness | 13 mm (0.51 in) |
| Net Weight | 8.5 kg (18.7 lb) |
| Shipping Units | 1 |
| Shipping Weight | 9.8 kg (21.61 lb) |
| Shipping Box | 425x425x224 mm (16.73x16.73x8.82 in) |

SPECIFICATIONS HF UNIT

| | |
|--|----------------|
| Sensitivity ⁵ | 106.0 dB |
| Nominal Power Handling ⁶ | 80 W |
| Continuous Power Handling ⁷ | 160 W |
| Voice Coil Diameter | 75 mm (3.0 in) |
| Winding Material | Aluminium |
| Flux Density | 1.8 T |
| Diaphragm Material | Titanium |
| Recommended Crossover ⁸ | 1.2 kHz |
| Inductance | 0.14 mH |

SERVICE KIT

| | |
|-----------------------|-------------|
| Service Kit LF | RCK12FHX768 |
| Replacement diaphragm | MMD3BTN8M |

1. Included by -6 dB down points.

2. Applied RMS Voltage is set to 2.83V.

3. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal impedance. Loudspeaker in free air.

4. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

5. Applied RMS Voltage is set to 2.83V.

6. 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated nominal impedance. Loudspeaker in free air.

7. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

8. 12 dB/oct. or higher slope high-pass filter.