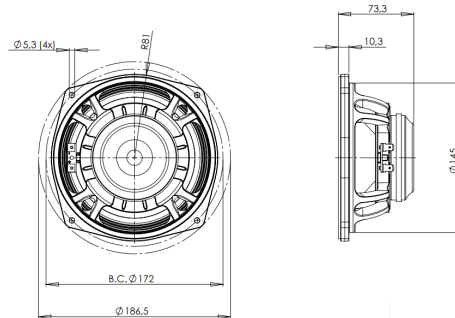


6MDN44

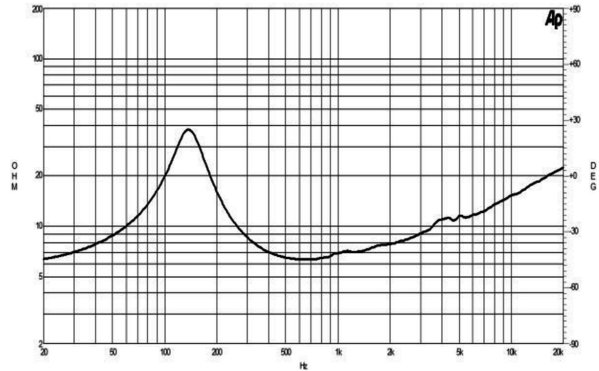
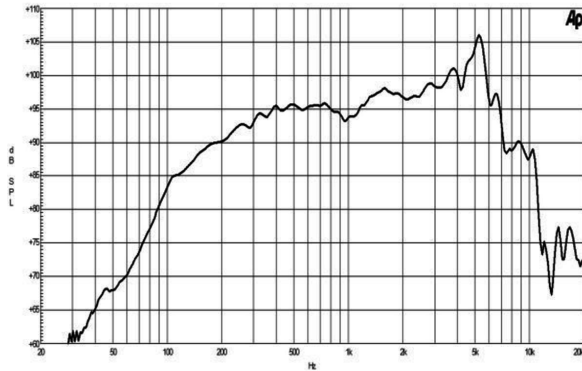
8Ω**LF Drivers - 6.5 Inches**

- 400 W continuous program power capacity
- 44 mm (1.7 in) aluminium voice coil
- 150 - 6000 Hz response
- 96.5 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring for very low distortion
- Ventilated voice coil gap for reduced power compression



6MDN44

LF Drivers- 6.5 Inches



SPECIFICATIONS

| | |
|--|-------------------|
| Nominal Diameter | 170 mm (6.5 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.5 Ω |
| Nominal Power Handling ¹ | 200 W |
| Continuous power handling ² | 400 W |
| Sensitivity (1W/1m) ³ | 96.5 dB |
| Frequency Range | 150 - 6000 Hz |
| Voice Coil Diameter | 44 mm (1.7 in) |
| Winding Material | Aluminium |
| Former Material | Glass Fibre |
| Winding Depth | 10.0 mm (0.37 in) |
| Magnetic Gap Depth | 6.0 mm (0.25 in) |
| Flux Density | 1.45 T |

DESIGN

| | |
|-----------------------|--------------------------|
| Surround Shape | Triple Roll |
| Cone Shape | Exponential |
| Magnet Material | Neodymium Ring |
| Spider | Single |
| Pole Design | T-Pole |
| Woofer Cone Treatment | WP Waterproof Front Side |

PARAMETERS⁴

| | |
|---------------------|---|
| Resonance Frequency | 140 Hz |
| Re | 5.4 Ω |
| Qes | 0.46 |
| Qms | 2.8 |
| Qts | 0.4 |
| Vas | 2.7 dm ³ (0.09 ft ³) |
| Sd | 132.0 cm ² (20.5 in ²) |
| η_0 | 1.6 % |
| Xmax | \pm 2.5 mm |
| Xvar | \pm 3.0 mm |
| Mms | 11.0 g |
| Bl | 11.0 Txm |
| Le | 0.47 mH |
| EBP | 304 Hz |

MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall Diameter | 187 mm (7.4 in) |
| Bolt Circle Diameter | 172 mm (6.7 in) |
| Baffle Cutout Diameter | 145.0 mm (5.7 in) |
| Depth | 73 mm (2.9 in) |
| Flange and Gasket Thickness | 11 mm (0.4 in) |
| Air Volume Occupied by Driver | 0.6 dm ³ (0.02 ft ³) |
| Net Weight | 1.0 kg (1.2 lb) |
| Shipping Units | 1 |
| Shipping Weight | 1.2 kg (2.65 lb) |
| Shipping Box | 210x210x125 mm (8.27x8.27x4.92 in) |

SERVICE KIT

| | |
|------------|-------------|
| Recone kit | RCK06MDN448 |
|------------|-------------|

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