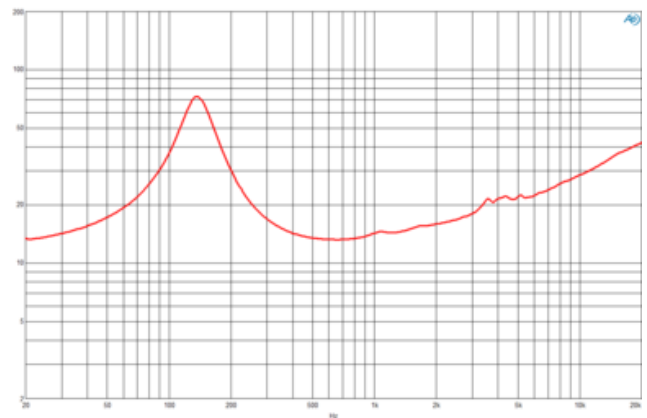
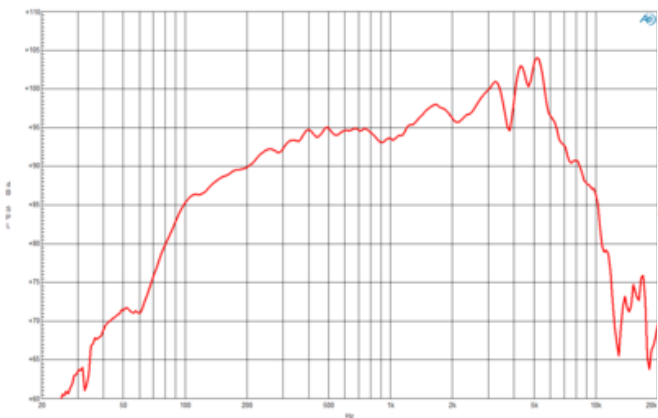


6MDN44

LF Drivers - 6.5 Inches



- 400 W continuous program power capacity
- 44 mm (1.7 in) aluminium voice coil
- 150 - 6000 Hz response
- 97 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly



6MDN44

LF Drivers- 6.5 Inches

SPECIFICATIONS

| | |
|--|-----------------|
| Nominal diameter | 170 mm (6.5 in) |
| Nominal impedance | 16 Ω |
| Minimum impedance | 12.4 Ω |
| Nominal power handling ¹ | 200 W |
| Continuous power handling ² | 400 W |
| Sensitivity (1W/1m) ³ | 97.0 dB |
| Frequency range | 150 - 6000 Hz |
| Voice coil diameter | 44 mm (1.7 in) |
| Winding material | Aluminium |
| Former material | Glass Fibre |
| Winding depth | 10 mm (0.39 in) |
| Magnetic gap depth | 6 mm (0.25 in) |
| Flux density | 1.45 T |

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 | 1.25 kg (2.75 lb) |
| Shipping box | 221x214x130 mm (8.7x8.4x5.1 in) |

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 |

SERVICE KIT

RCK06MDN4416

PARAMETERS

| | |
|----------|---|
| Fs | 138 Hz |
| Re | 11.8 Ω |
| Qes | 0.56 |
| Qms | 3.0 |
| Qts | 0.47 |
| Vas | 2.8 dm ³ (0.1 ft ³) |
| Sd | 132.0 cm ² (20.5 in ²) |
| η_0 | 1.76 % |
| Xmax | 3.0 mm |
| Xvar | 4.0 mm |
| Mms | 12 g |
| Bl | 145.0 Txm |
| Le | 0.56 mH |
| EBP | 246 Hz |

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum 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 4V for 16 ohm Nominal Impedance

B&C Speakers s.p.a.

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