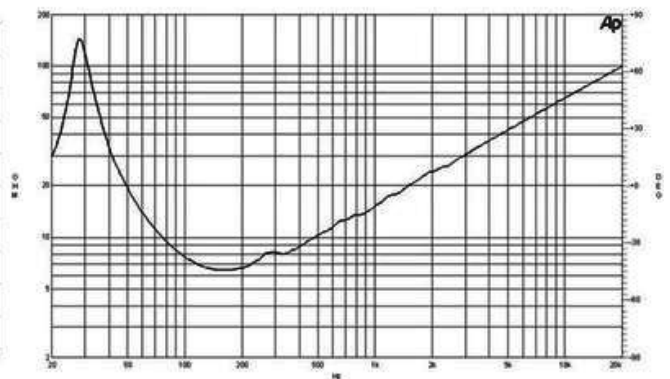
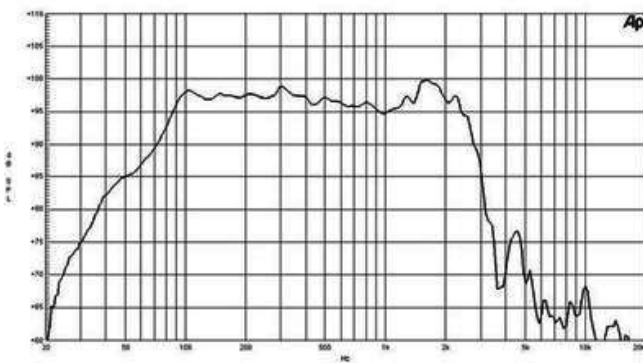


18PZB100

LF Drivers - 18.0 Inches



- 1400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 40 - 2000 Hz response
- 97 dB sensitivity
- Double silicone spider with optimized compliance



18PZB100

LF Drivers- 18.0 Inches

SPECIFICATIONS

| | |
|--|------------------|
| Nominal diameter | 460 mm (18.0 in) |
| Nominal impedance | 8 Ω |
| Minimum impedance | 6.5 Ω |
| Nominal power handling ¹ | 700 W |
| Continuous power handling ² | 1400 W |
| Sensitivity (1W/1m) ³ | 97.0 dB |
| Frequency range | 40 - 2000 Hz |
| Voice coil diameter | 100 mm (4.0 in) |
| Winding material | Copper |
| Former material | Glass Fibre |
| Winding depth | 21 mm (0.83 in) |
| Magnetic gap depth | 8 mm (0.31 in) |
| Flux density | 1.15 T |

MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall diameter | 480 mm (18.0 in) |
| Bolt circle diameter | 440 mm (17.3 in) |
| Baffle cutout diameter | 422.0 mm (16.6 in) |
| Depth | 202 mm (7.95 in) |
| Flange and gasket thickness | 16 mm (0.62 in) |
| Air volume occupied by driver | 9.5 dm ³ (0.33 ft ³) |
| Net weight | 12.1 kg (26.6 lb) |
| Shipping units | 1 |
| Shipping weight | 14.0 kg (30.8 lb) |
| Shipping box | 520x520x240 mm (20.5x20.5x9.4 in) |

DESIGN

| | |
|------------------------|---|
| Surround shape | Double Roll |
| Cone shape | Exponential |
| Magnet material | Ferrite |
| Spider | Double Silicone |
| Pole design | Straight Pole |
| Woofers cone treatment | TWP Waterproof Both Sides |
| Recommended enclosure | 160.0 dm ³ (5.65 ft ³) |
| Recommended tuning | 39 Hz |

SERVICE KIT

RCK18PZB1008

PARAMETERS

| | |
|------------------|---|
| F _s | 30 Hz |
| R _e | 5.3 Ω |
| Q _{es} | 0.25 |
| Q _{ms} | 8.8 |
| Q _{ts} | 0.24 |
| V _{as} | 297.0 dm ³ (10.5 ft ³) |
| S _d | 1134.0 cm ² (175.8 in ²) |
| η _o | 3.1 % |
| X _{max} | 8.0 mm |
| X _{var} | 8.0 mm |
| M _{ms} | 170 g |
| Bl | 26.0 Txm |
| Le | 2.1 mH |
| EBP | 120 Hz |

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range F_s-10F_s. 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 2.83 V for 8 ohms Nominal Impedance.

B&C Speakers s.p.a.

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