15BG100

8Ω

LF Drivers - 15.0 Inches

- 2000 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1000 Hz response
- 94.5 dB sensitivity
- FEA optimized Neodymium magnet assembly
- Aluminium demodulating ring for very low distortion
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression

B&C Speakers s.p.a.

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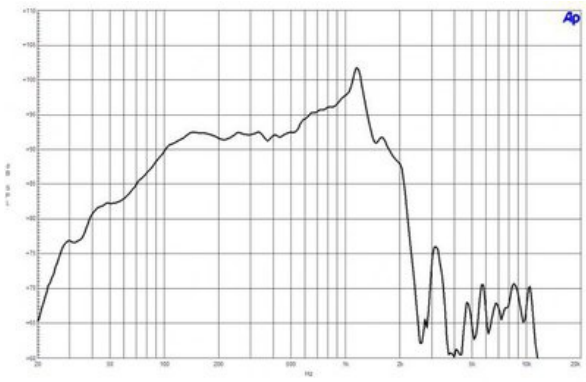
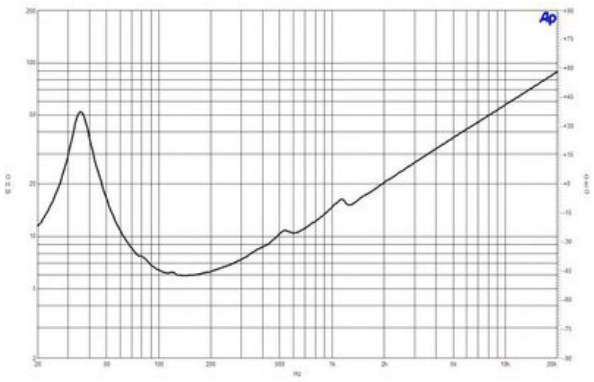
LF Drivers- 15.0 Inches





SPECIFICATIONS

Nominal Diameter	380 mm (15.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.0 Ω
Nominal Power Handling[1]	1000 W
Continuous Power Handling[2]	2000 W
Sensitivity[3]	94.5 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4.0 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	27.0 mm (1.05 in)
Magnetic Gap Depth	11.0 mm (0.43 in)
Flux Density	1.25 T

DESIGN

Surround Shape	Roll
Cone Shape	Radial
Magnet Material	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	160.0 dm^3 (5.65 ft^3)
Recommended Tuning	29 Hz

PARAMETERS[4]

Resonance Frequency	36 Hz
Re	5.1 Ω
Qes	0.49
Qms	5.0
Qts	0.44
Vas	83.0 dm^3 (2.93 ft^3)
Sd	855.0 cm^2 (132.5 in^2)
η_0	0.8 %
Xmax	10.5 mm
Xvar	14.0 mm
Mms	240.0 g
Bl	23.0 Txm
Le	1.6 mH
EBP	73 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	354.0 mm (13.9 in)
Depth	189 mm (7.44 in)
Flange and Gasket Thickness	24 mm (0.94 in)
Air Volume Occupied by Driver	6.0 dm^3 (0.21 ft^3)
Net Weight	8.6 kg (18.9 lb)
Shipping Units	1
Shipping Weight	9.9 kg (21.83 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

SERVICE KIT

RCK15BG1008

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal 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.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

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