8NDL51

LF Drivers - 8.0 Inches

- 50 mm (2 in) copper voice coil
- 70 - 3000 Hz response
- 94 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Shorting copper cap for extended HF response
- 400 W continuous program power capacity
- Ventilated voice coil gap for reduced power compression

B&C Speakers s.p.a.

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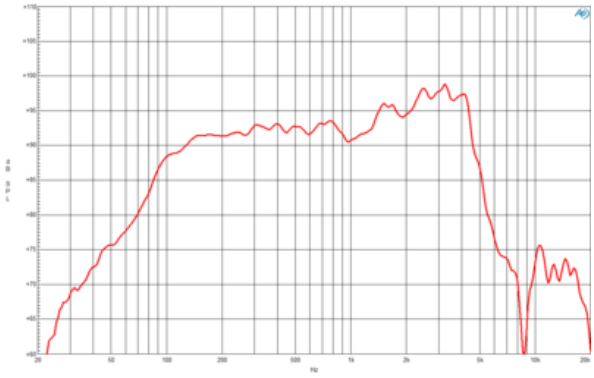
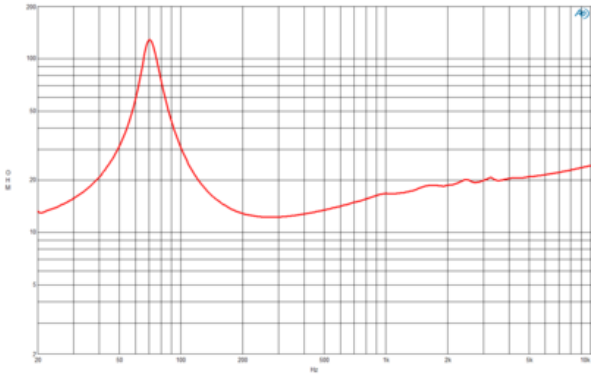
LF Drivers- 8.0 Inches





SPECIFICATIONS

Nominal diameter	200 mm (8.0 in)
Nominal impedance	16 Ω
Minimum impedance	12.0 Ω
Nominal power handling[1]	200 W
Continuous power handling[2]	400 W
Sensitivity (1W/1m)[3]	94.0 dB
Frequency range	70 - 3000 Hz
Voice coil diameter	51 mm (2.0 in)
Winding material	Copper
Former material	Glass Fibre
Winding depth	17 mm (0.65 in)
Magnetic gap depth	8 mm (0.31 in)
Flux density	1.05 T

DESIGN

Surround shape	Double Roll
Cone shape	Exponential
Magnet material	Neodymium Inside Slug
Spider	Single
Pole design	Straight Pole
Woofer cone treatment	TWP Waterproof Both Sides
Recommended enclosure	14.0 dm^3 (0.49 ft^3)
Recommended tuning	65 Hz

PARAMETERS

Fs	70 Hz
Re	10.6 Ω
Qes	0.51
Qms	5.88
Qts	0.47
Vas	13.4 dm^3 (0.47 ft^3)
Sd	220.0 cm^2 (34.1 in^2)
η_0	0.9 %
Xmax	7.0 mm
Xvar	7.0 mm
Mms	26 g
Bl	15.2 Txm
Le	0.6 mH
EBP	137 Hz

MOUNTING AND SHIPPING INFO

Overall diameter	225 mm (8.8 in)
Bolt circle diameter	210 mm (8.3 in)
Baffle cutout diameter	187.0 mm (7.4 in)
Depth	90 mm (3.5 in)
Flange and gasket thickness	11 mm (0.4 in)
Air volume occupied by driver	1.1 dm^3 (0.04 ft^3)
Net weight	1.8 kg (4.0 lb)
Shipping units	1
Shipping weight	2.2 kg (4.8 lb)
Shipping box	300x160x180 mm (11.8x6.3x7.1 in)

SERVICE KIT

RCK008NDL5116

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

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