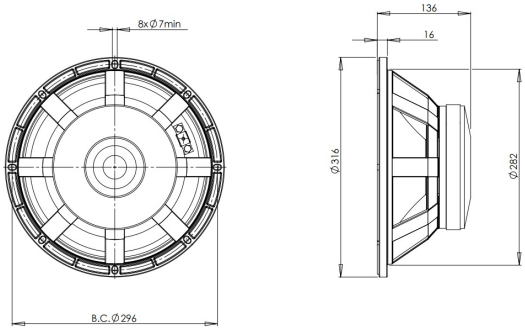
12PLB76

8Ω

LF Drivers - 12.0 Inches



- 700 W continuous program power capacity
- 76 mm (3 in) aluminium voice coil
- 50 - 2000 Hz response
- 98.5 dB sensitivity

B&C Speakers s.p.a.

Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com

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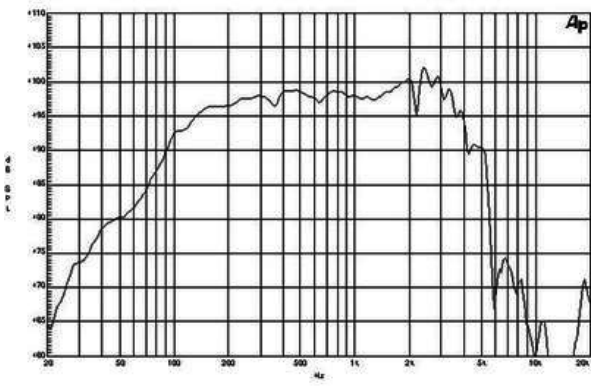
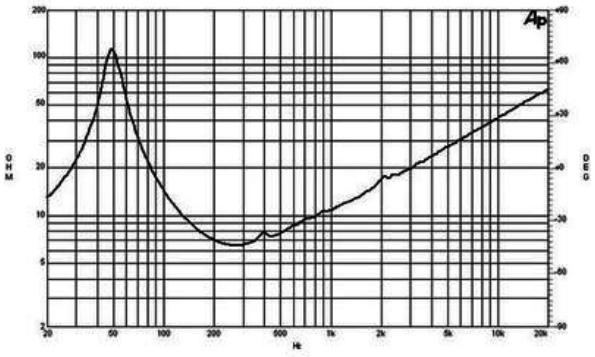
LF Drivers- 12.0 Inches





SPECIFICATIONS

Nominal Diameter	320 mm (12.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
Nominal Power Handling[1]	350 W
Continuous Power Handling[2]	700 W
Sensitivity[3]	99.0 dB
Frequency Range	50 - 2000 Hz
Voice Coil Diameter	76 mm (3.0 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	16.0 mm (0.62 in)
Magnetic Gap Depth	11.0 mm (0.4 in)
Flux Density	1.05 T

DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	None
Recommended Enclosure	42.0 dm^3 (1.48 ft^3)
Recommended Tuning	65 Hz

PARAMETERS[4]

Resonance Frequency	50 Hz
Re	5.0 Ω
Qes	0.24
Qms	5.3
Qts	0.23
Vas	75.0 dm^3 (2.6 ft^3)
Sd	522.0 cm^2 (80.9 in^2)
η_0	3.8 %
Xmax	5.0 mm
Maximum Excursion	7.0 mm
Mms	51.0 g
Bl	18.6 Txm
Le	1.2 mH
EBP	208 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	316 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282.0 mm (11.1 in)
Depth	136 mm (5.35 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air Volume Occupied by Driver	3.3 dm^3 (0.12 ft^3)
Net Weight	7.4 kg (16.4 lb)
Shipping Units	1
Shipping Weight	8.3 kg (18.3 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KIT

RCK12PLB768

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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