12PLB76 8 Ω

Woofer

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





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SPECIFICATIONS

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.4 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**350 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**700 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**99 dB**
Frequency Range	**50 Hz - 2000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**16 mm (0.62 in)**
Magnetic Gap Depth	**11 mm (0.4 in)**
Flux Density	**1.05 T**
Woofer Cone Treatment	**None**

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	**50 Hz**
Re	**5 Ω**
Qes	**0.24**
Qms	**5.3**
Qts	**0.23**
Vas	**75 dm³ (2.6 ft³)**
Sd	**522 cm² (80.9 in²)**
η0	**3.8 %**
Xmax	**5 mm**
Xvar	**7 mm**
Mms	**51 g**
Bl	**18.6 Tm**
Le	**1.2 mH**
EBP	**208 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Magnet Material	**Ferrite**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**None**
Recommended Enclosure	**42 dm³ (1.48 ft³)**
Recommended Tuning	**65 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**316 mm (12.4 in)**
Bolt Circle Diameter	**296 mm (11.6 in)**
Baffle Cutout Diameter	**282 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 dm³ (0.12 ft³)**
Net Weight	**6.55 kg (14.44 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**8.45 kg (18.63 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

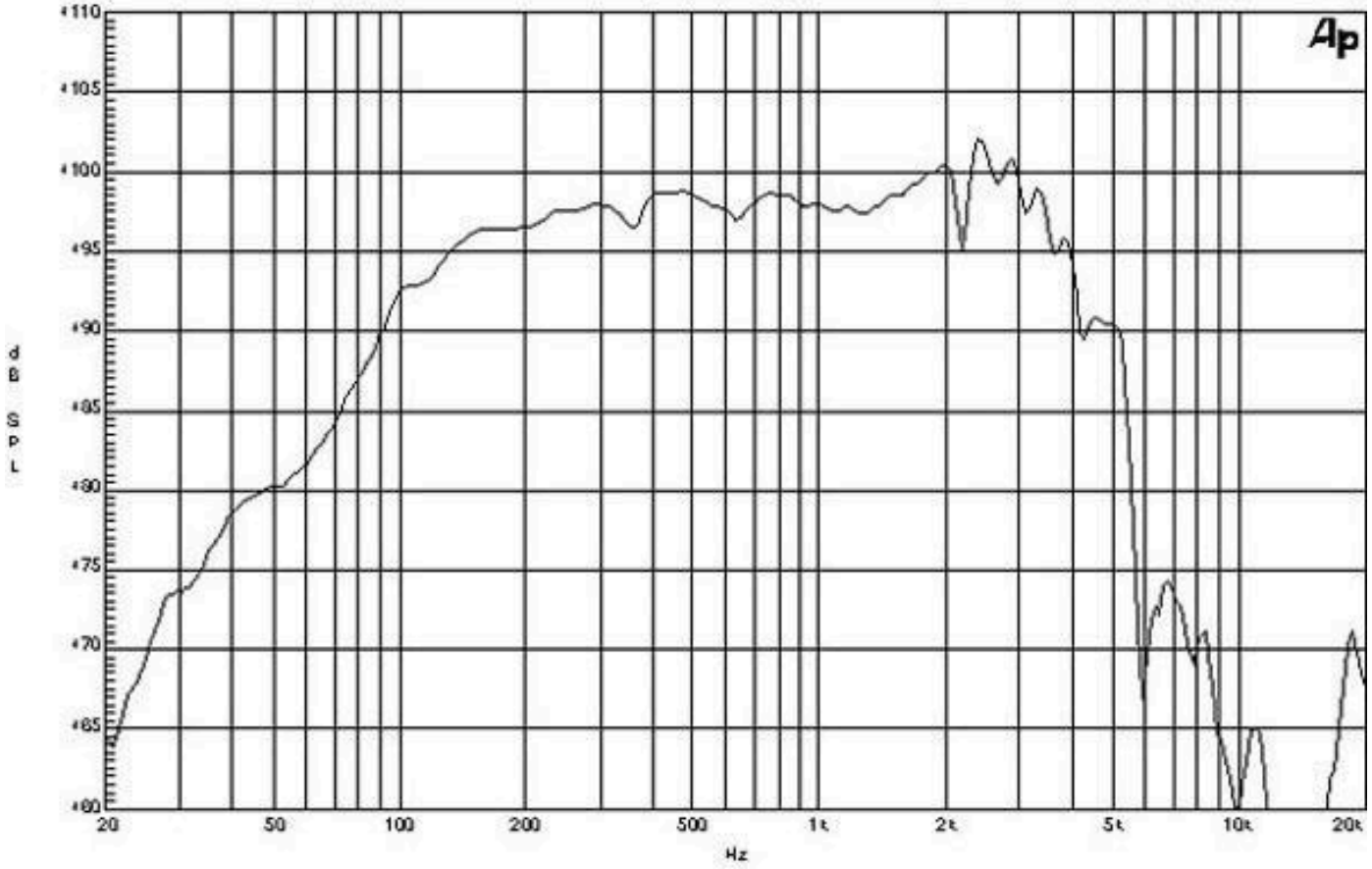
SERVICE KITS

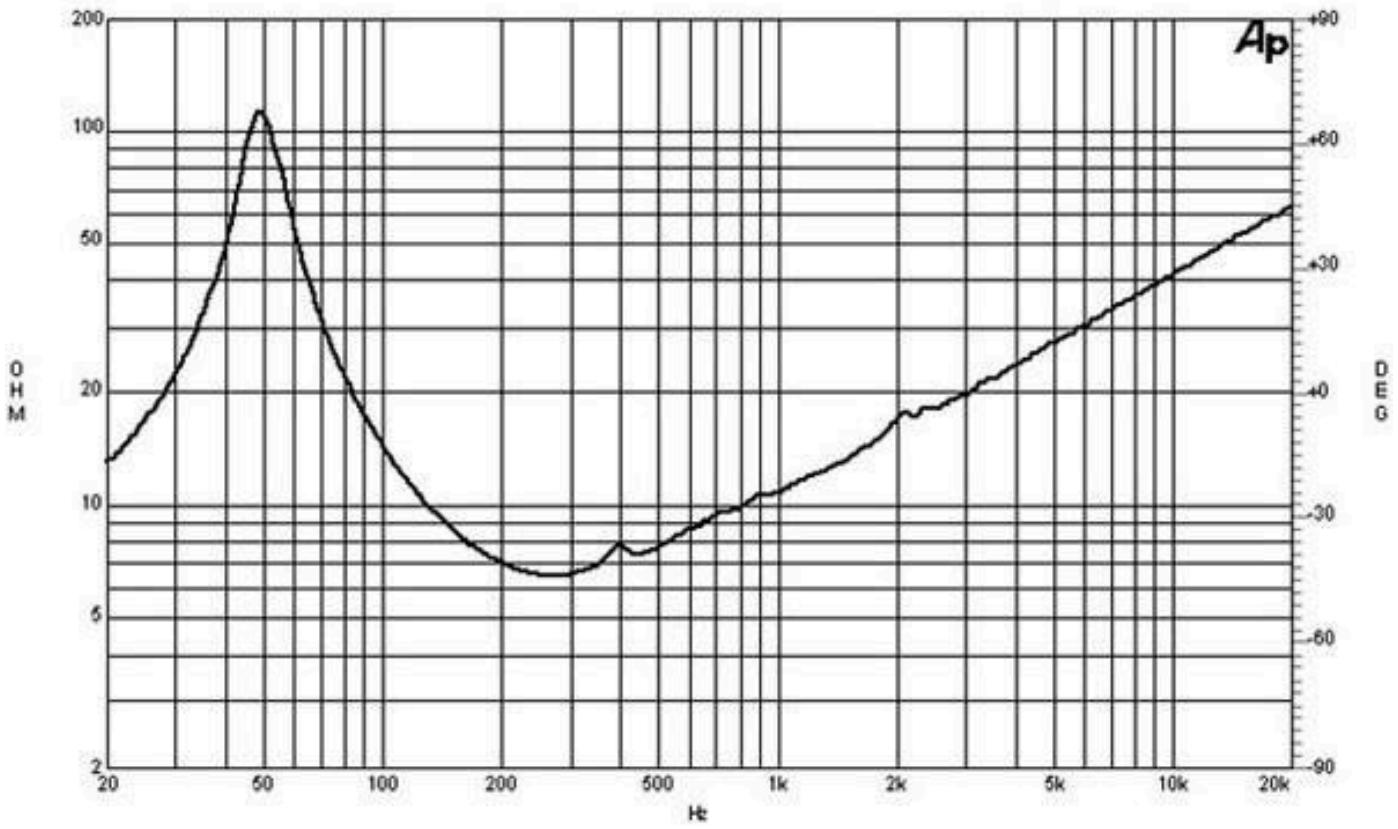
LF recone-kits	**RCK12PLB768**

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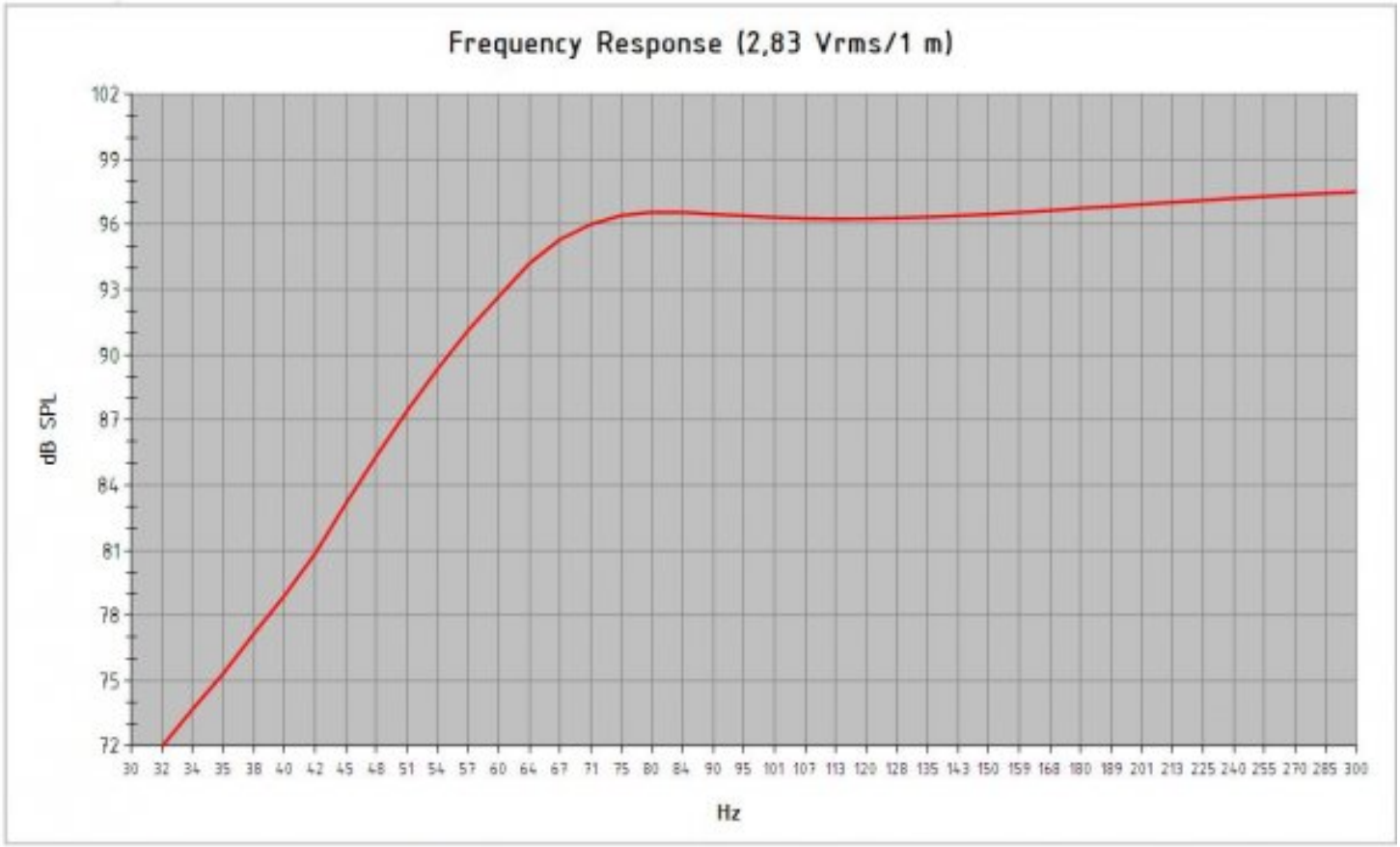
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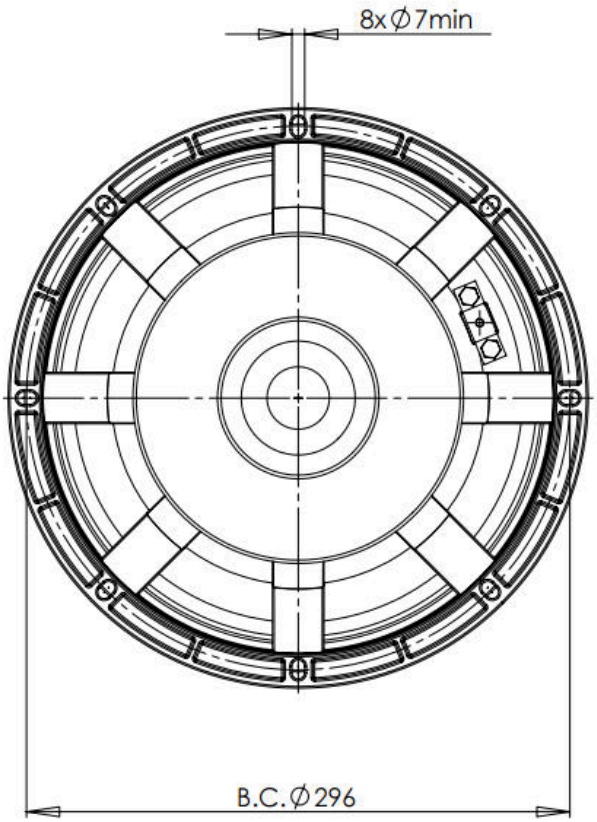


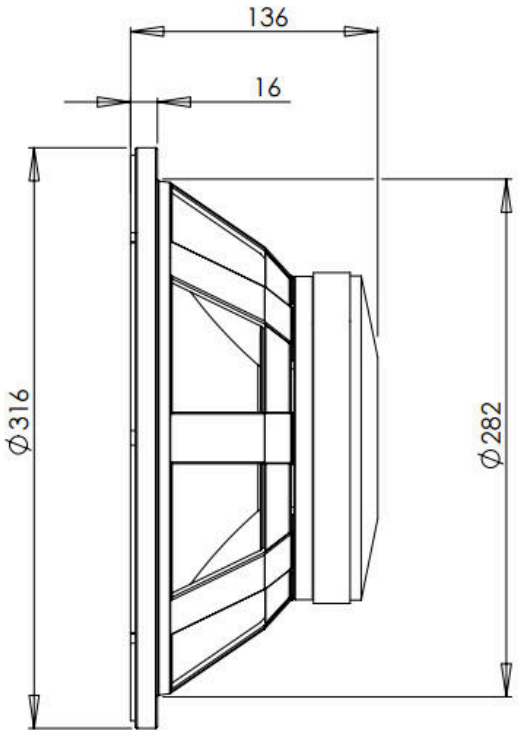
Model:	***12 PLB 76***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***42***				
Tuning Frequency (Hz):	***65***	*Port Area (cm²):*	***138,7***		
Frequency (-3 dB) (Hz):	***66,8***	*Port Length (cm):*	***11,9***		
Excursion Limited Maximum SPL at 1 meter (dB):	***121,5***	*equal to*	***258,0***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***122,8***	*equal to*	***350,0***	*Watts*	*(Mid Band Power Rating)*

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