12PE32 8 Ω

Mid-Bass

- 500 W continuous program power capacity
- 64 mm (2.5 in) aluminium voice coil
- 50 - 4000 Hz response
- 101 dB sensitivity





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SPECIFICATIONS

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.7 Ω**
Nominal Power Handling	**250 W**
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	
Continuous Power Handling	**500 W**
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	**101 dB**
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	**50 Hz - 4000 Hz**
Voice Coil Diameter	**65 mm (2.5 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**12 mm (0.5 in)**
Magnetic Gap Depth	**7 mm (0.28 in)**
Flux Density	**1.4 T**
Woofer Cone Treatment	**None**

PARAMETERS

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

Fs	**51 Hz**
Re	**5.8 Ω**
Qes	**0.19**
Qms	**7.6**
Qts	**0.18**
Vas	**101 dm³ (3.56 ft³)**
Sd	**522 cm² (80.9 in²)**
η0	**6.8 %**
Xmax	**2.8 mm**
Xvar	**5 mm**
Mms	**37 g**
Bl	**19.1 Tm**
Le	**1.2 mH**
EBP	**268 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Exponential**
Magnet Material	**Ferrite**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**None**
Recommended Enclosure	**31 dm³ (1.1 ft³)**
Recommended Tuning	**85 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**315 mm (12.4 in)**
Bolt Circle Diameter	**296 mm (11.6 in)**
Baffle Cutout Diameter	**282 mm (11.1 in)**
Depth	**135 mm (5.3 in)**
Flange and Gasket Thickness	**15 mm (0.59 in)**
Air Volume Occupied by Driver	**3.1 dm³ (0.11 ft³)**
Net Weight	**7.6 kg (16.7 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**8.5 kg (18.74 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

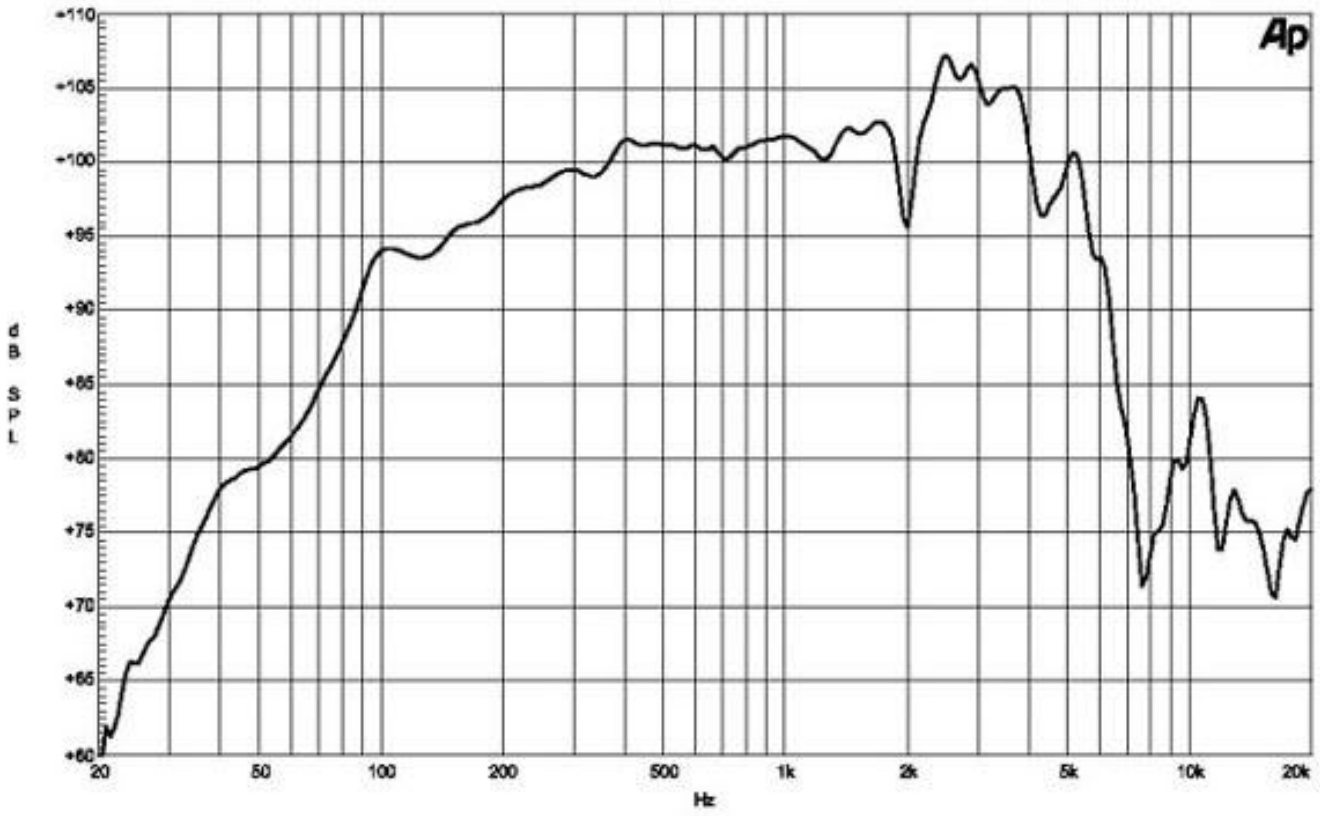
SERVICE KITS

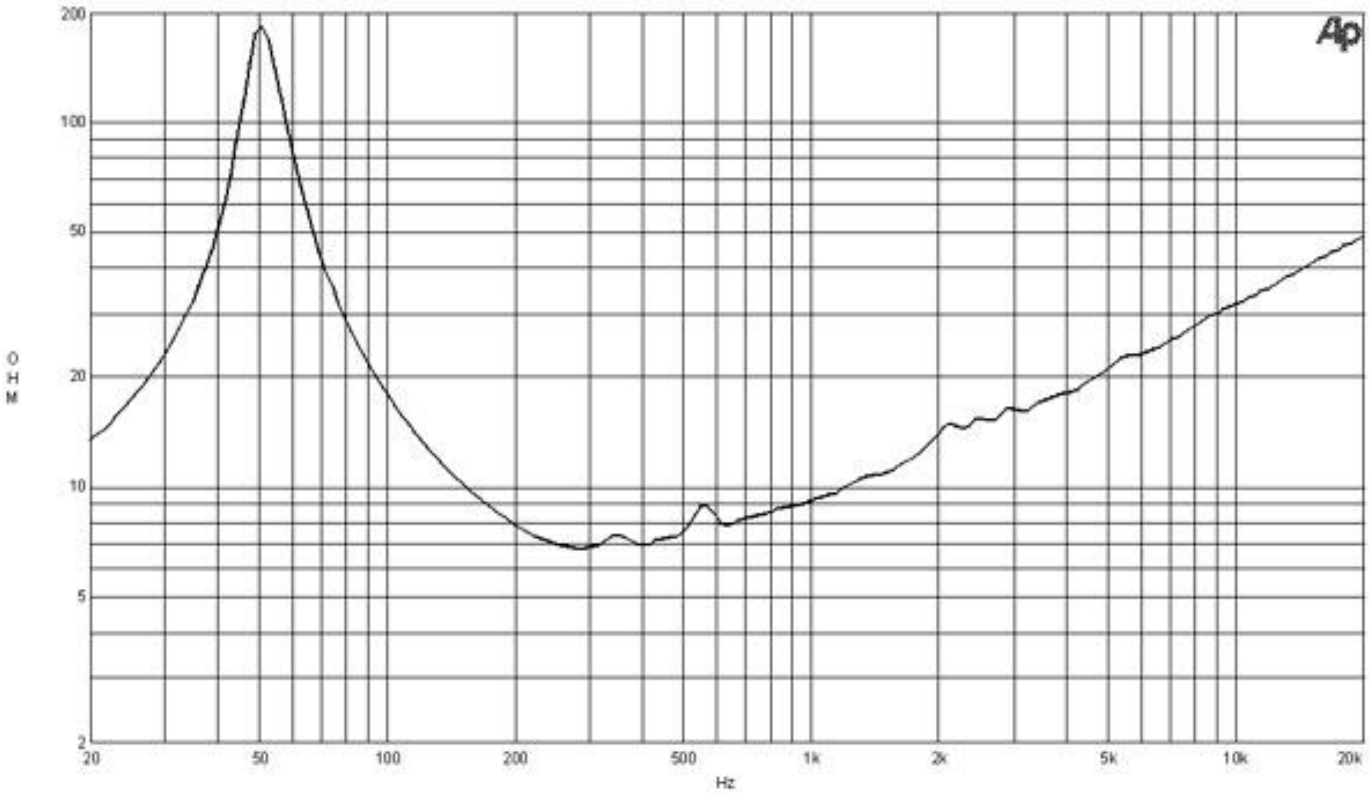
LF recone-kits	**RCK012PE328**

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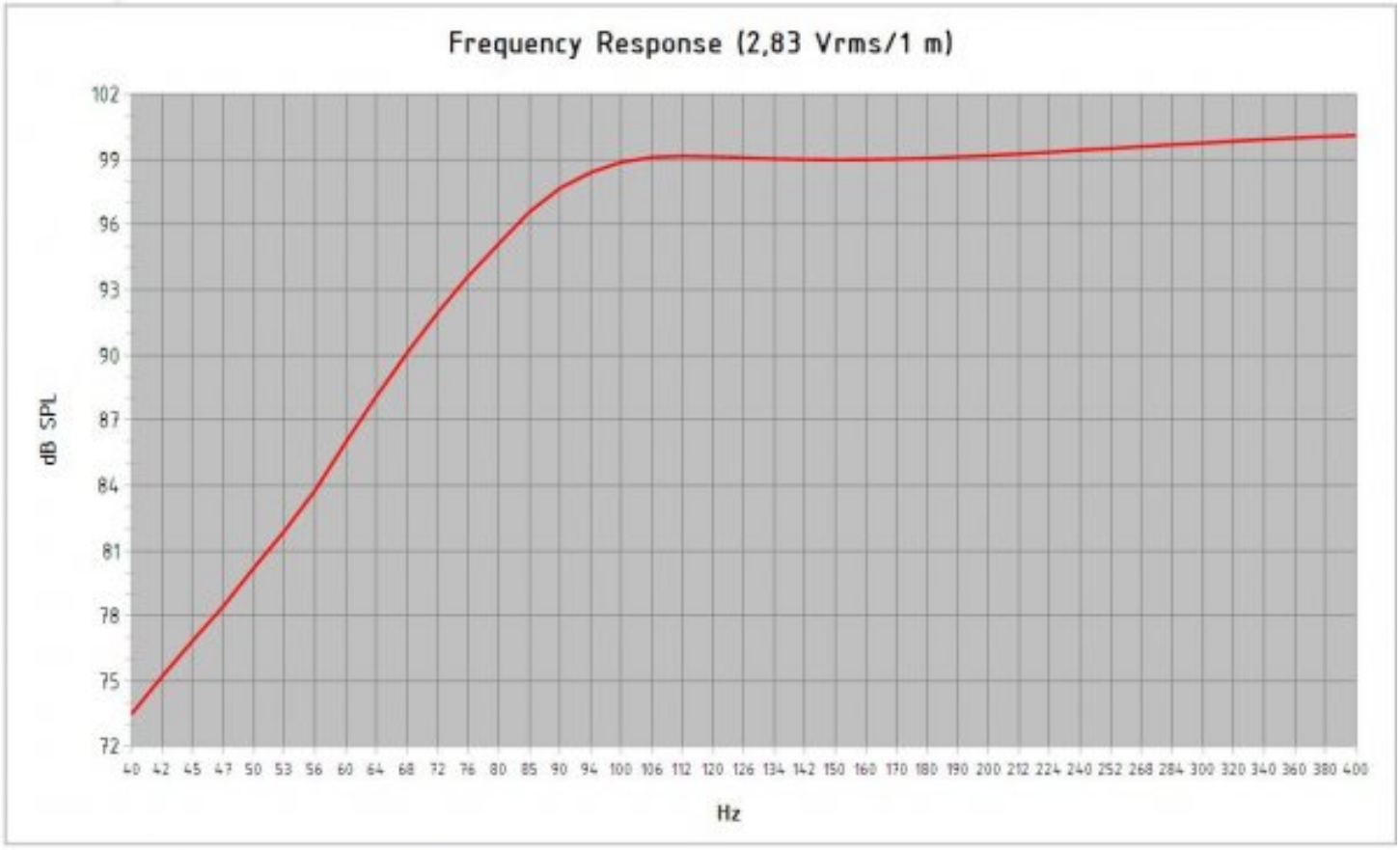
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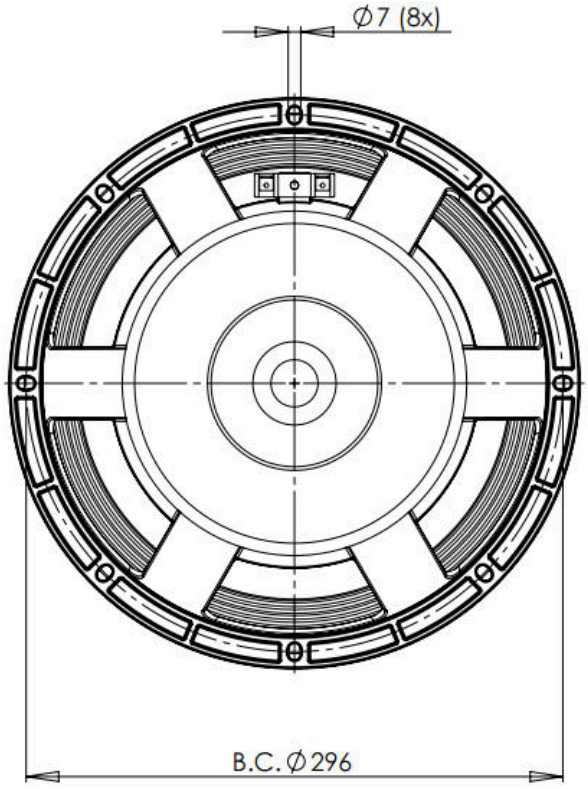
Model:	***12 PE 32***		
Enclosure Type:	***Bass Reflex***		
Internal Net Volume (Liters):	***31***		
Tuning Frequency (Hz):	***85***	*Port Area (cm²):*	***138,7***
Frequency (-3 dB) (Hz):	***90,0***	*Port Length (cm):*	***7,0***

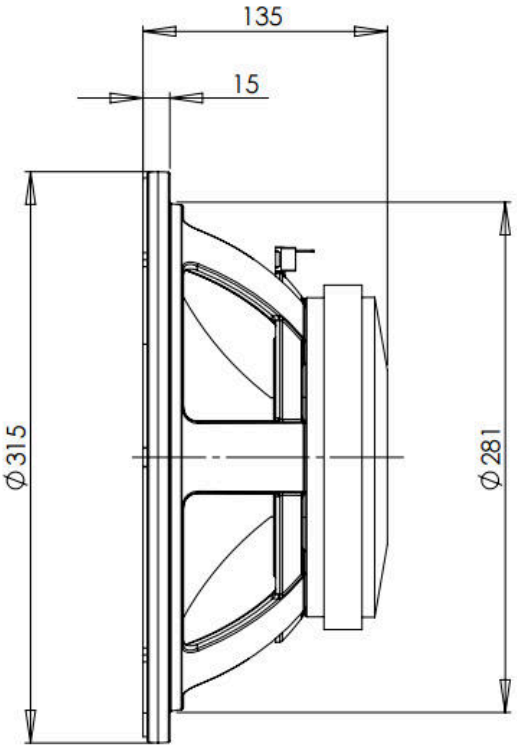
Excursion Limited Maximum SPL at 1 meter (dB):	***123,7***	*equal to*	***238,0*** *Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***123,9***	*equal to*	***250,0*** *Watts*	*(Mid Band Power Rating)*

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