8PS21 8 Ω

Woofer

- 400 W continuous program power capacity
- 51 mm (2 in) copper voice coil
- 70 - 3000 Hz response
- 94 dB sensitivity
- Shorting copper cap for extended HF response





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SPECIFICATIONS

Nominal Diameter	**200 mm (8 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**7 Ω**
Nominal Power Handling	**200 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	**400 W**
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	**94 dB**
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	**70 Hz - 3000 Hz**
Voice Coil Diameter	**51 mm (2 in)**
Winding Material	**Copper**
Former Material	**Kapton**
Winding Depth	**16 mm (0.62 in)**
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	**1.1 T**
Woofer Cone Treatment	**None**

PARAMETERS

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

Fs	**73 Hz**
Re	**5.4 Ω**
Qes	**0.36**
Qms	**4.2**
Qts	**0.33**
Vas	**14 dm^3 (0.49 ft^3)**
Sd	**220 cm^2 (34.1 in^2)**
η0	**1.5 %**
Xmax	**5 mm**
Xvar	**4 mm**
Mms	**23 g**
Bl	**12.6 Tm**
Le	**0.5 mH**
EBP	**203 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Magnet Material	**Ferrite**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**None**
Recommended Enclosure	**14 dm^3 (0.49 ft^3)**
Recommended Tuning	**73 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**225 mm (8.8 in)**
Bolt Circle Diameter	**210 mm (8.3 in)**
Baffle Cutout Diameter	**187 mm (7.4 in)**
Depth	**91 mm (3.6 in)**
Flange and Gasket Thickness	**11 mm (0.4 in)**
Air Volume Occupied by Driver	**1.2 dm^3 (0.04 ft^3)**
Net Weight	**3.3 kg (7.28 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**3.75 kg (8.27 lb)**
Shipping Box	**255x255x150 mm (10.04x10.04x5.91 in)**

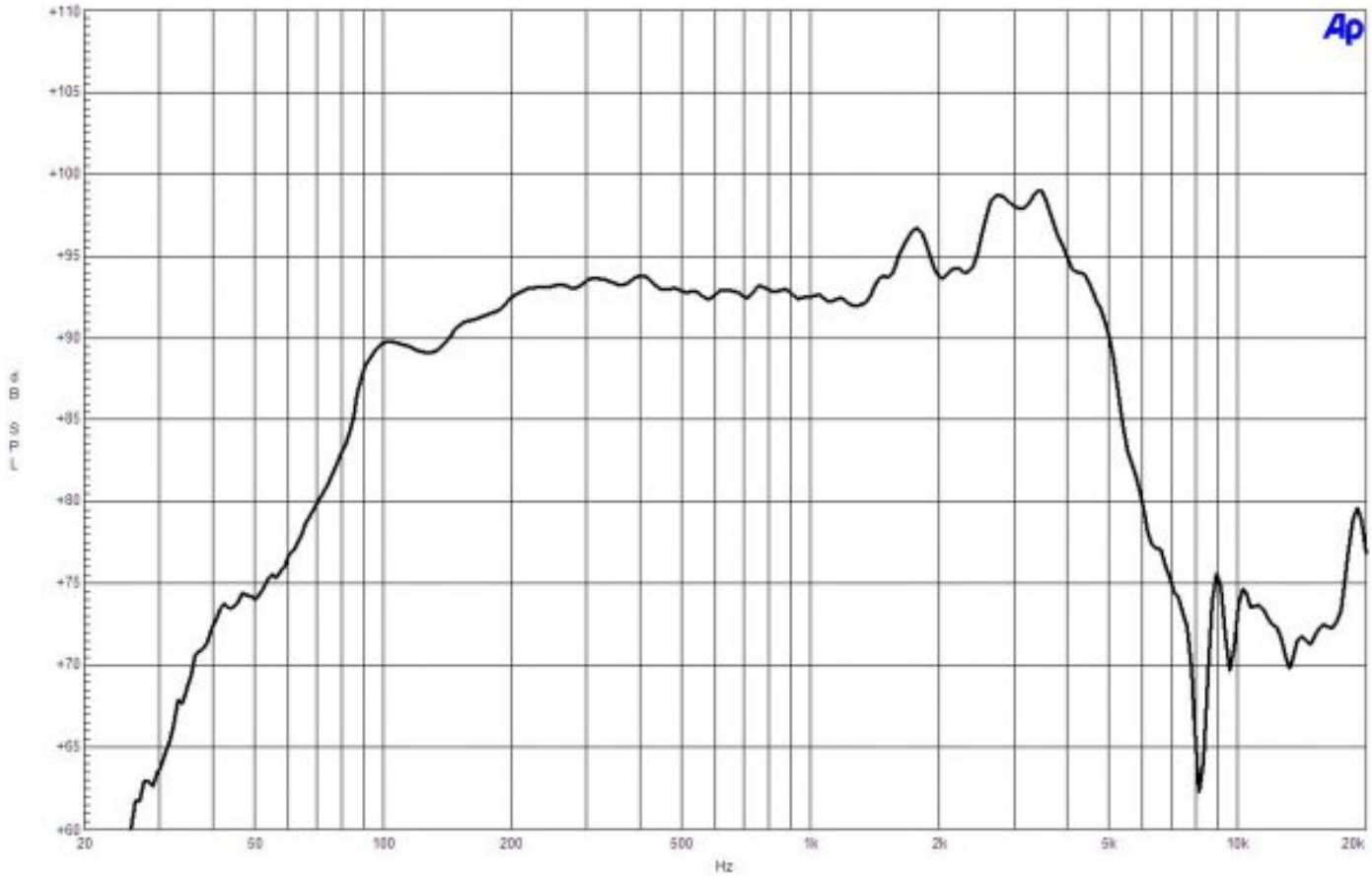
SERVICE KITS

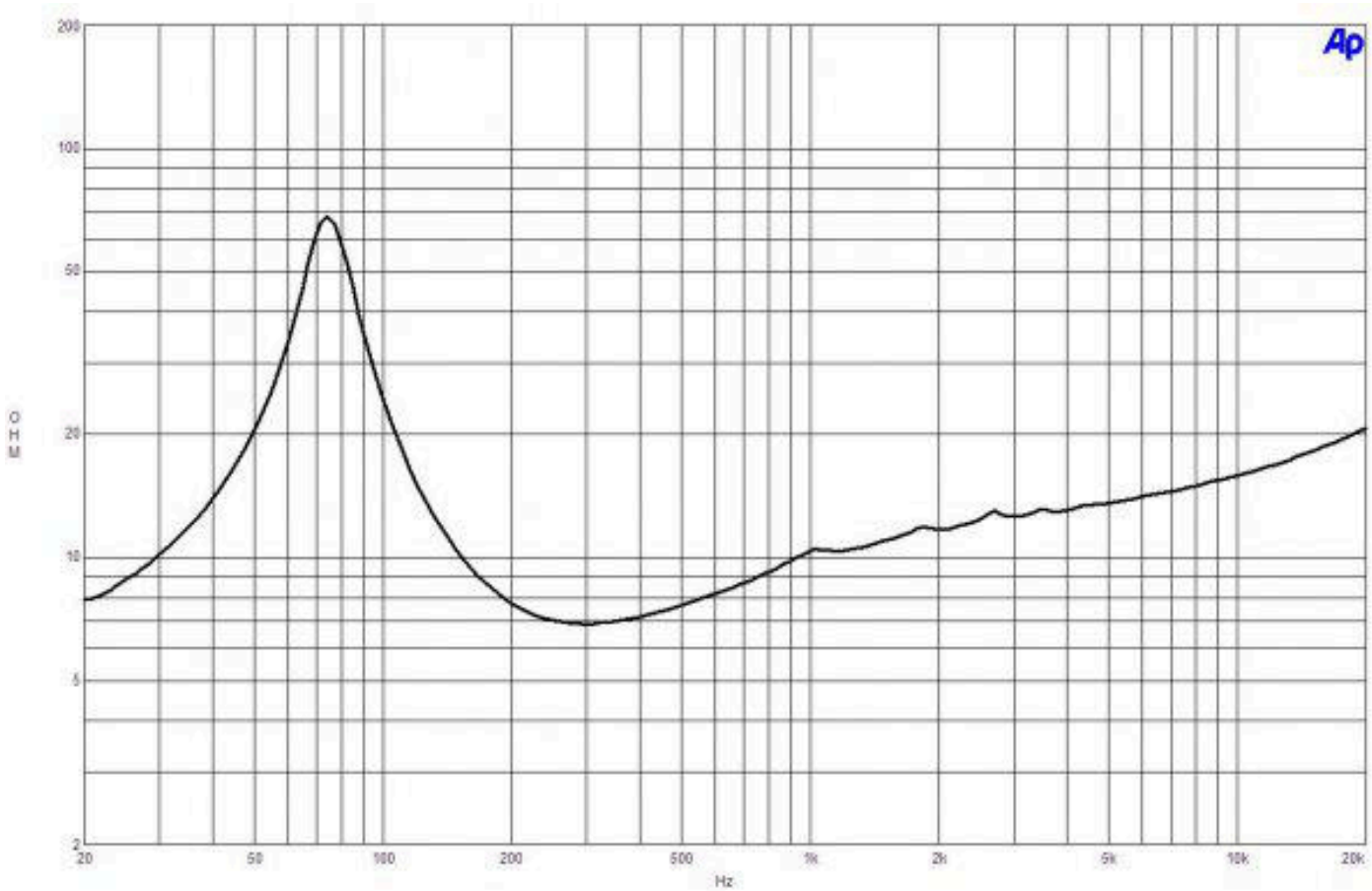
LF recone-kits	**RCK008PS218**

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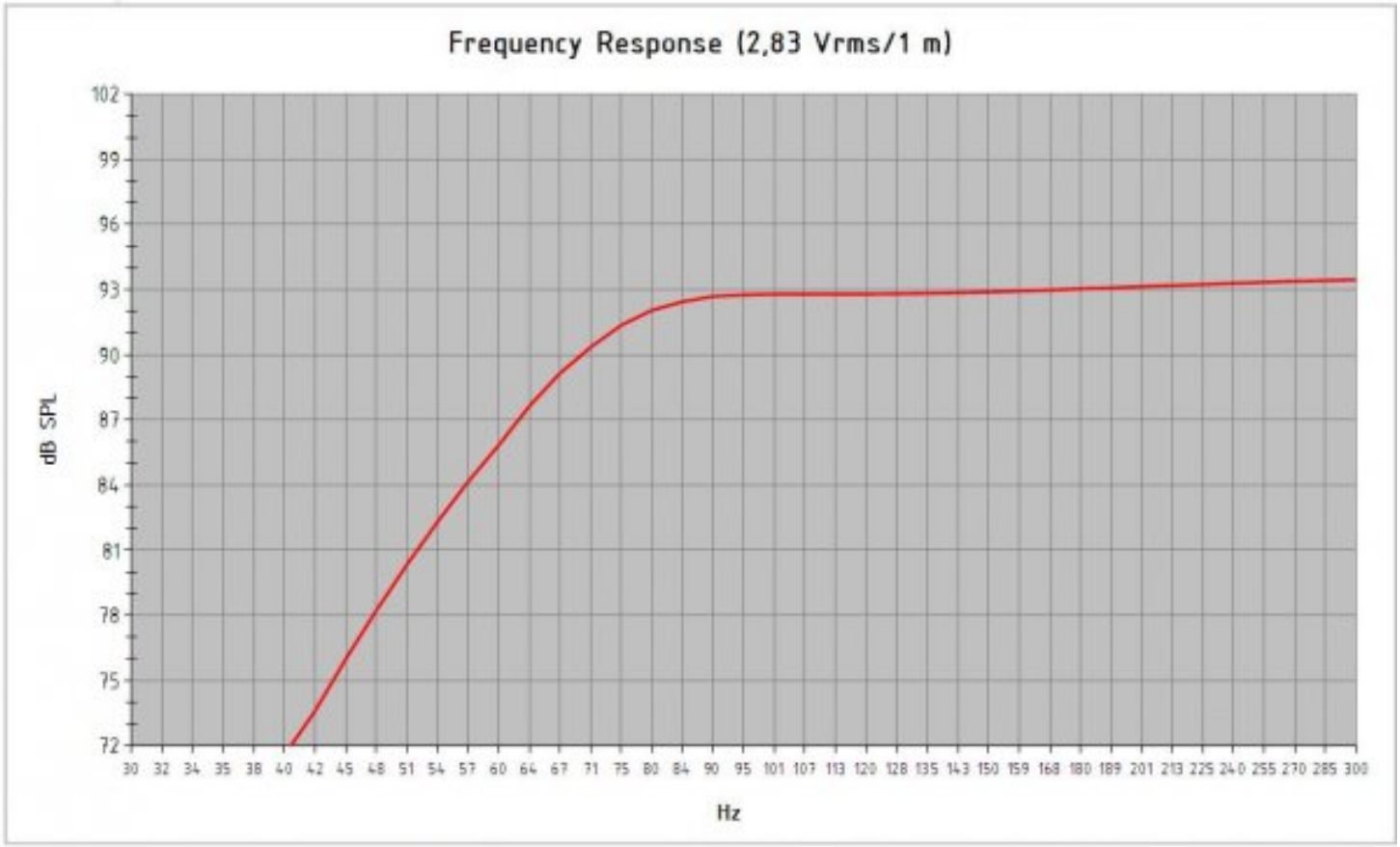
Woofer





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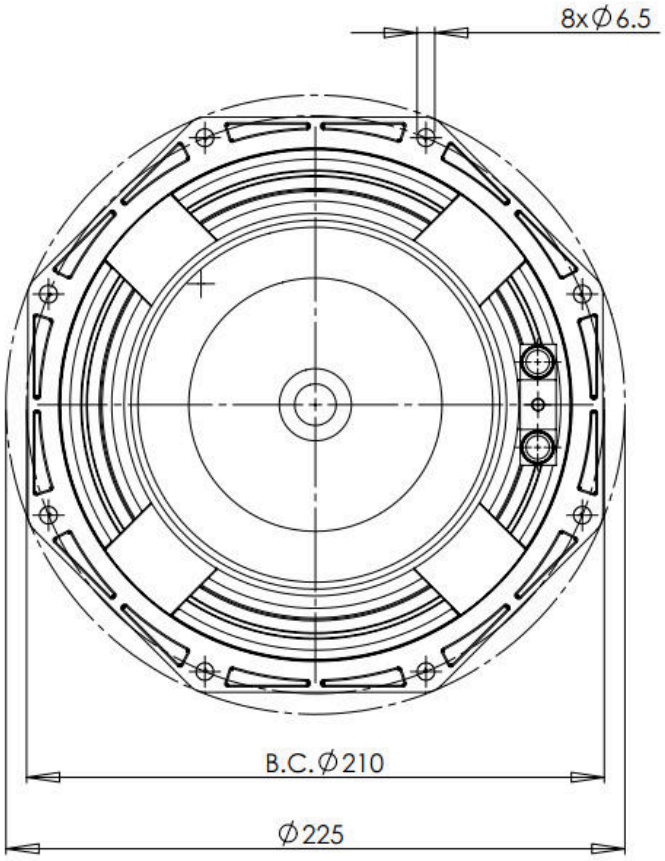


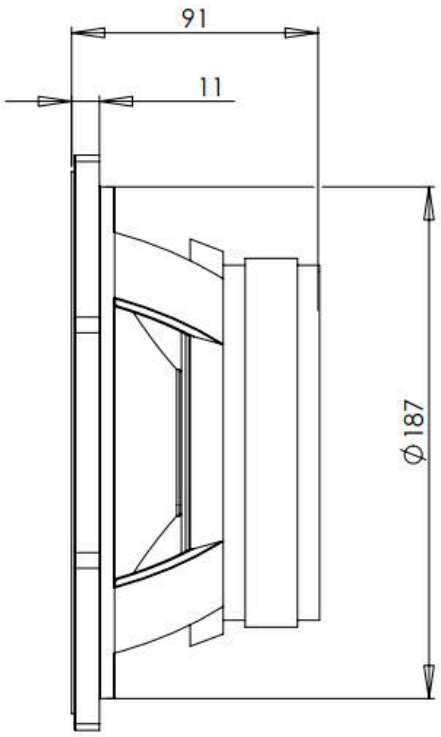
Model:	***8 PS 21***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***14***				
Tuning Frequency (Hz):	***73***	*Port Area (cm²):*	***32,2***		
Frequency (-3 dB) (Hz):	***72,8***	*Port Length (cm):*	***7,4***		
Excursion Limited Maximum SPL at 1 meter (dB):	***110,6***	*equal to*	***54,4***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***116,3***	*equal to*	***200,0***	*Watts*	*(Mid Band Power Rating)*

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