15PLB76 8 Ω

Woofer

- 800 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 100 dB sensitivity





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SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.2 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.	**400 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**800 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**100 dB**
Frequency Range	**40 Hz - 2000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**16 mm (0.62 in)**
Magnetic Gap Depth	**11 mm (0.4 in)**
Flux Density	**1.15 T**
Woofer Cone Treatment	**TWP Waterproof Both Sides**

PARAMETERS

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

Fs	**42 Hz**
Re	**5 Ω**
Qes	**0.26**
Qms	**5.9**
Qts	**0.25**
Vas	**164 dm³ (5.8 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**4.5 %**
Xmax	**5 mm**
Xvar	**8 mm**
Mms	**88 g**
Bl	**22.1 Tm**
Le	**1.3 mH**
EBP	**162 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Exponential**
Magnet Material	**Ferrite**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**100 dm³ (3.53 ft³)**
Recommended Tuning	**50 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**354 mm (13.9 in)**
Depth	**169 mm (6.65 in)**
Flange and Gasket Thickness	**16 mm (0.62 in)**
Air Volume Occupied by Driver	**5.2 dm³ (0.18 ft³)**
Net Weight	**8.6 kg (18.96 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**9.9 kg (21.83 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

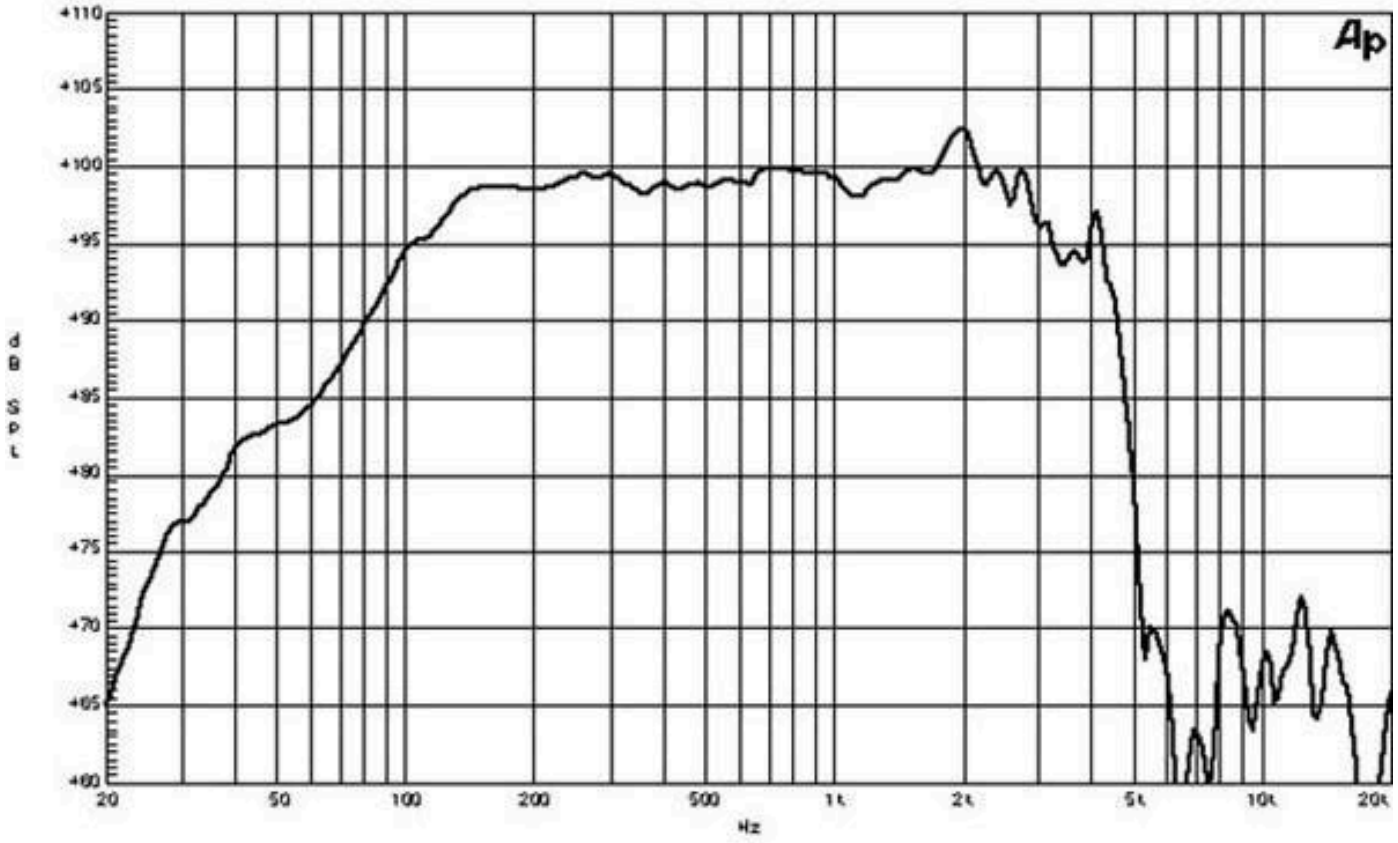
SERVICE KITS

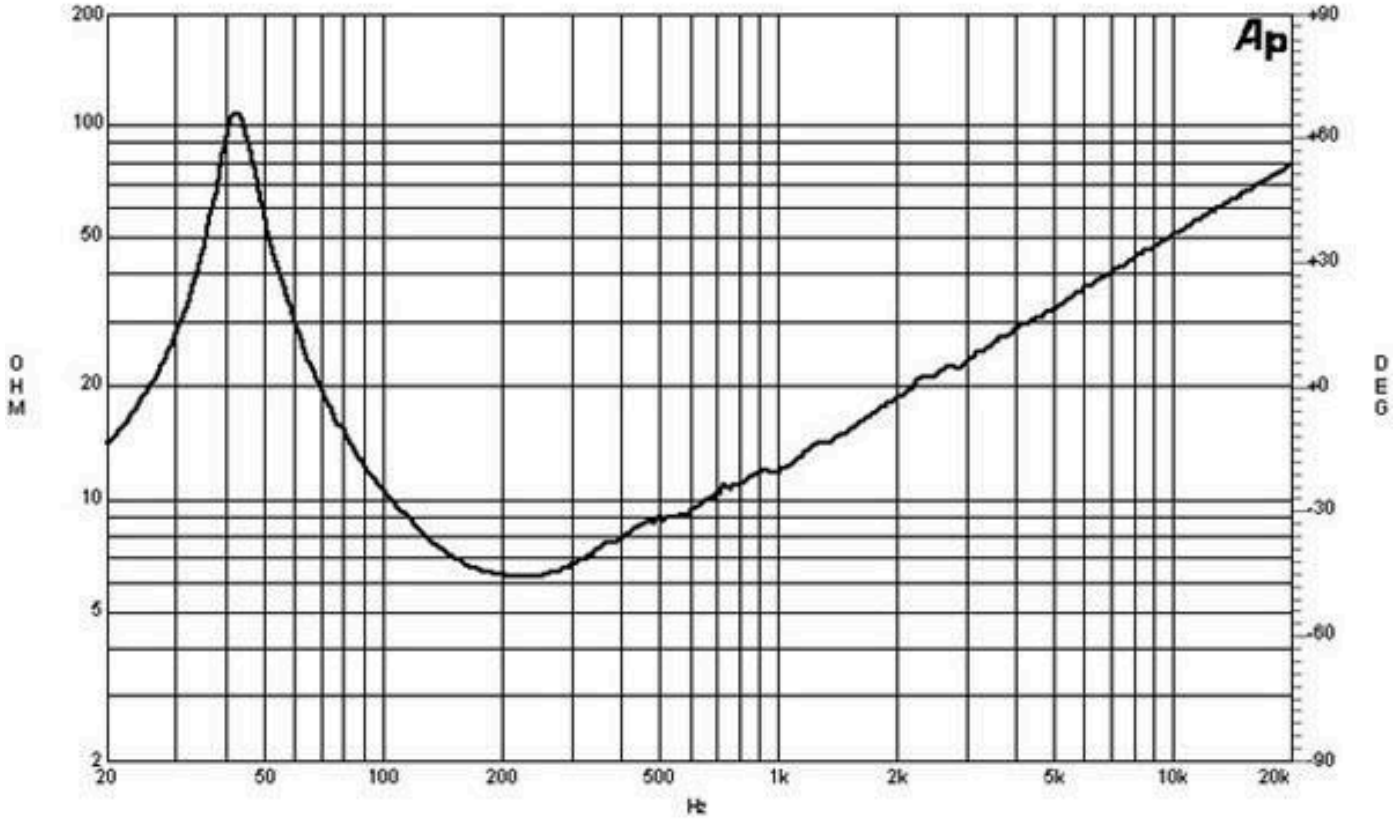
LF recone-kits	**RCK15PLB768**

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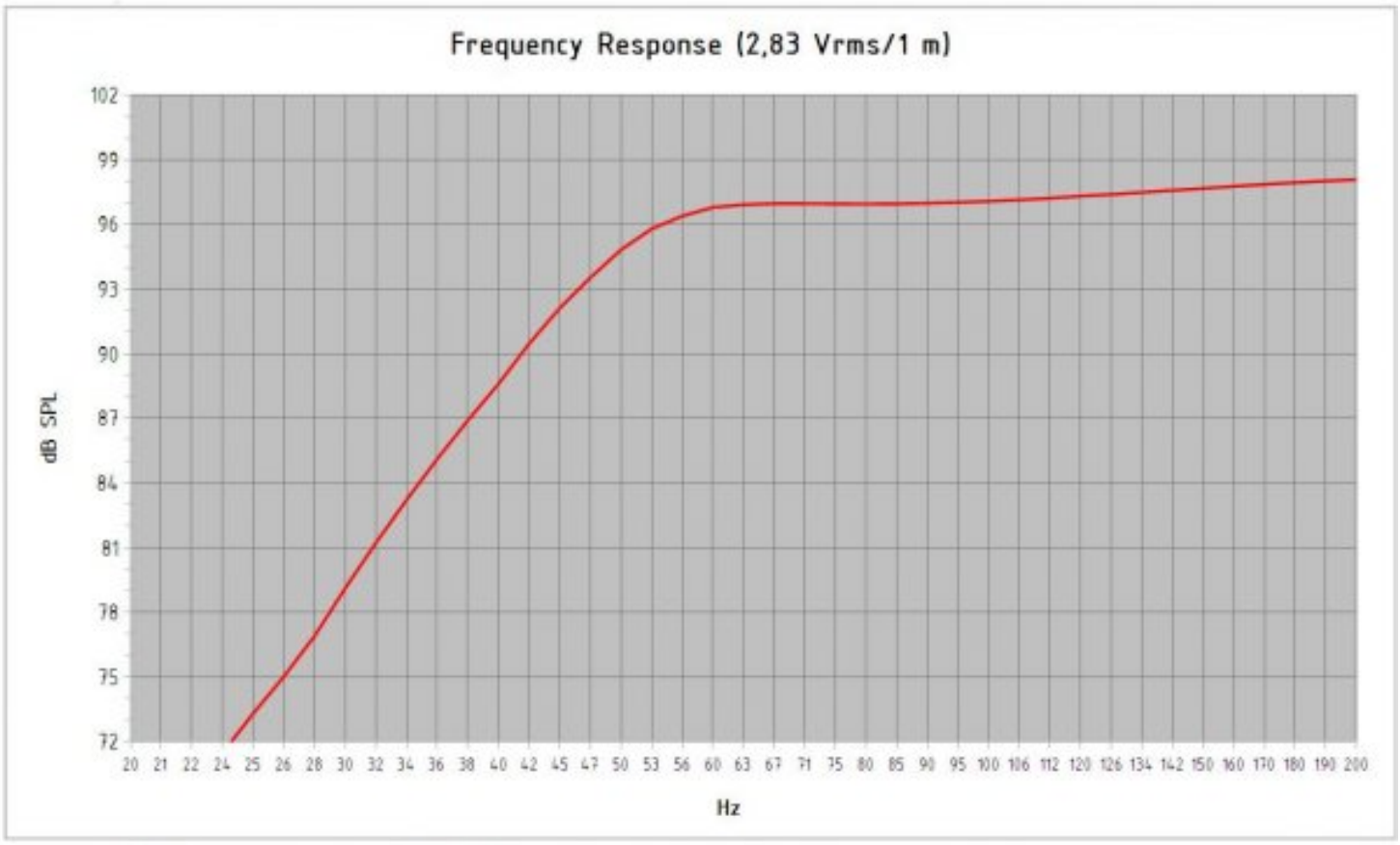
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Model:	***15 PLB 76***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***100***				
Tuning Frequency (Hz):	***50***	*Port Area (cm²):*	***222,3***		
Frequency (-3 dB) (Hz):	***53,5***	*Port Length (cm):*	***12,0***		
Excursion Limited Maximum SPL at 1 meter (dB):	***123,1***	*equal to*	***312,2***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***124,1***	*equal to*	***400,0***	*Watts*	*(Mid Band Power Rating)*

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