15BG100 8 Ω

Rubber Surround Subwoofer

- 2000 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1000 Hz response
- 94.5 dB sensitivity
- FEA optimized Neodymium magnet assembly
- Aluminium demodulating ring for very low distortion
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression





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SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6 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.	**1000 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**2000 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**94.5 dB**
Frequency Range	**35 Hz - 1000 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**27 mm (1.05 in)**
Magnetic Gap Depth	**11 mm (0.43 in)**
Flux Density	**1.25 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	**36 Hz**
Re	**5.1 Ω**
Qes	**0.49**
Qms	**5**
Qts	**0.44**
Vas	**83 dm^3 (2.93 ft^3)**
Sd	**855 cm^2 (132.5 in^2)**
η0	**0.8 %**
Xmax	**10.5 mm**
Xvar	**14 mm**
Mms	**240 g**
Bl	**23 Tm**
Le	**1.6 mH**
EBP	**73 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Radial**
Magnet Material	**Neodymium Inside Slug**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**160 dm^3 (5.65 ft^3)**
Recommended Tuning	**29 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	**189 mm (7.44 in)**
Flange and Gasket Thickness	**24 mm (0.94 in)**
Air Volume Occupied by Driver	**6 dm^3 (0.21 ft^3)**
Net Weight	**8.8 kg (19.4 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**10.1 kg (22.27 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

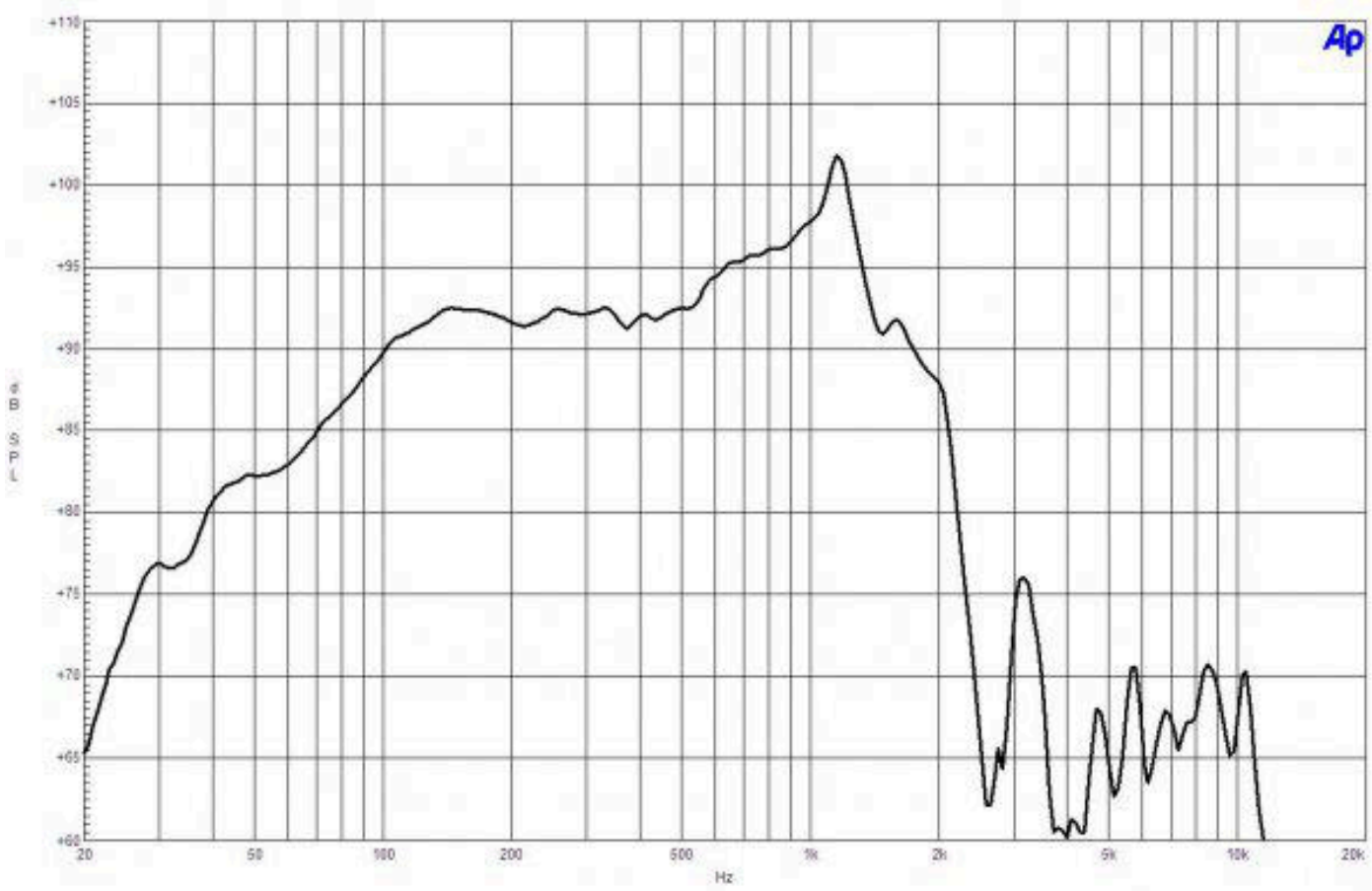
SERVICE KITS

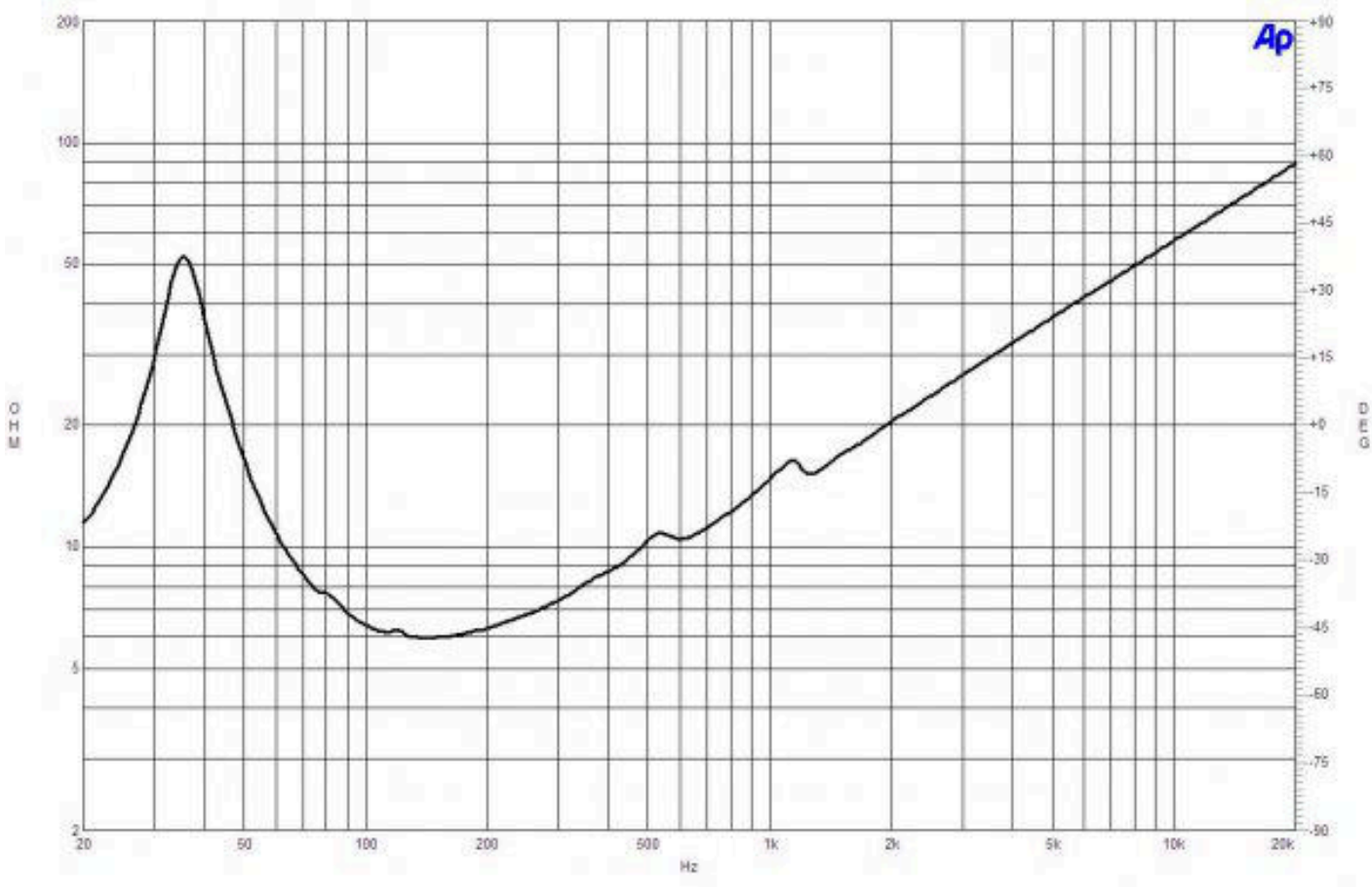
LF recone-kits	**RCK15BG1008**

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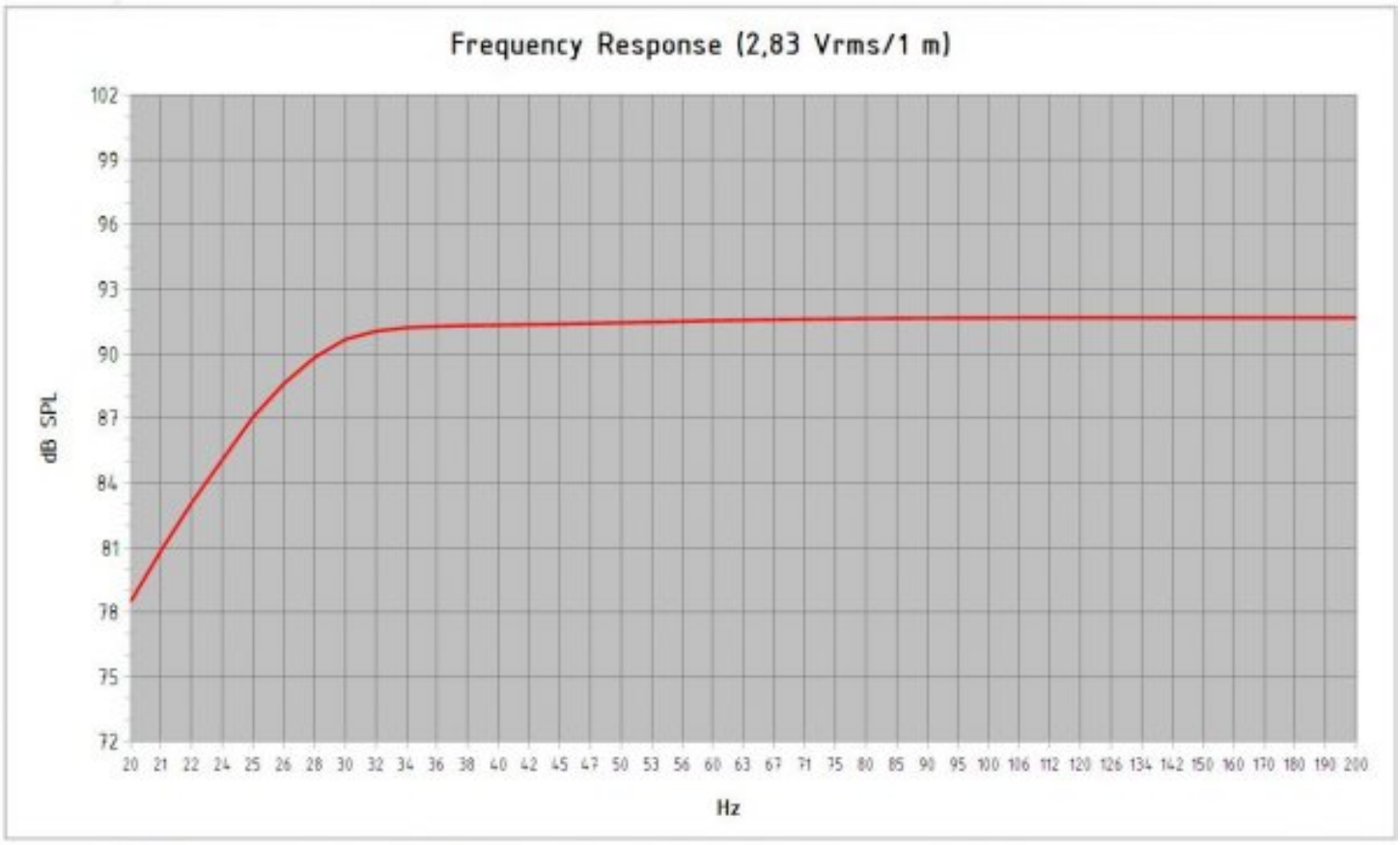




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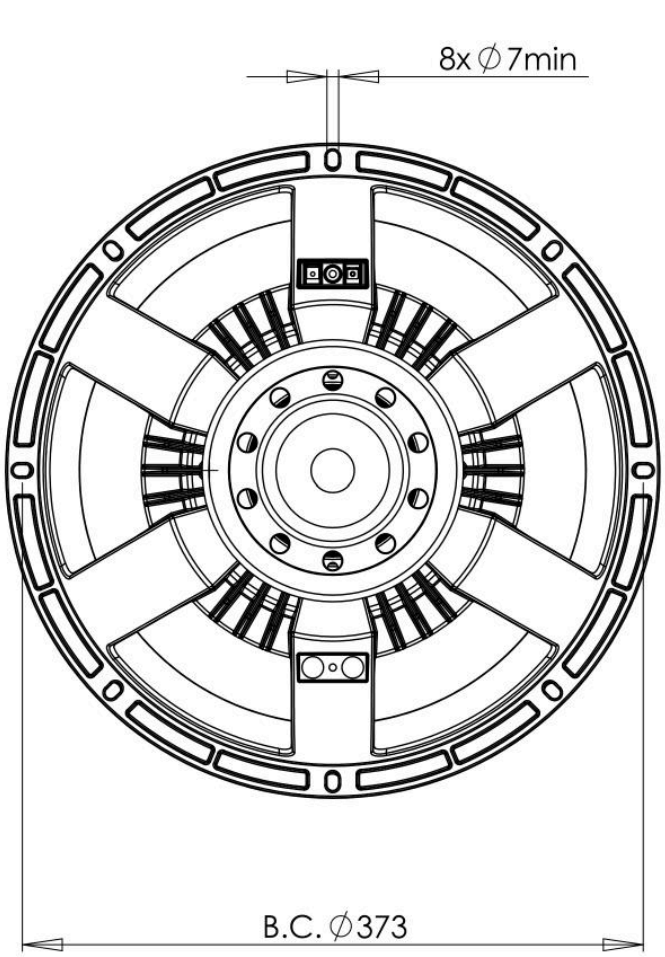


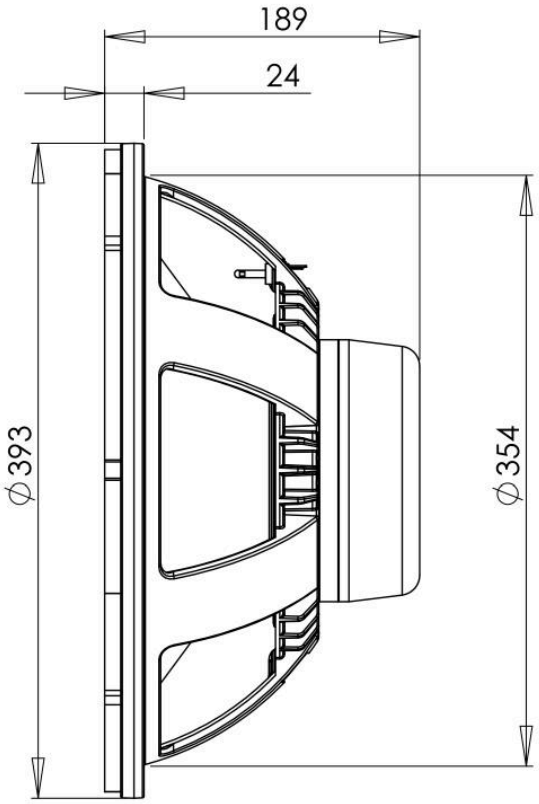
Model:	***15 BG 100***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***160***				
Tuning Frequency (Hz):	***29***	*Port Area (cm²):*	***222,3***		
Frequency (-3 dB) (Hz):	***26,5***	*Port Length (cm):*	***35,1***		
Excursion Limited Maximum SPL at 1 meter (dB):	***115,7***	*equal to*	***337,7***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***120,4***	*equal to*	***1000,0***	*Watts*	*(Mid Band Power Rating)*

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