12BG76 8 Ω

Rubber Surround Subwoofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 45 - 1000 Hz response
- 92 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- FEA optimized Neodymium magnet assembly
- Aluminum 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	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 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.	**500 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1000 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**92 dB**
Frequency Range	**45 Hz - 1000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**25 mm (0.98 in)**
Magnetic Gap Depth	**11.5 mm (0.45 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	**44 Hz**
Re	**5.4 Ω**
Qes	**0.44**
Qms	**5.9**
Qts	**0.41**
Vas	**32 dm^3 (1.13 ft^3)**
Sd	**522 cm^2 (80.91 in^2)**
η0	**0.65 %**
Xmax	**9.5 mm**
Xvar	**14 mm**
Mms	**148 g**
Bl	**22.7 Tm**
Le	**1.1 mH**
EBP	**100 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Radial**
Magnet Material	**Neodymium Ring**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**40 dm^3 (1.41 ft^3)**
Recommended Tuning	**42 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**315 mm (12.4 in)**
Bolt Circle Diameter	**298 mm (11.73 in)**
Baffle Cutout Diameter	**284 mm (11.18 in)**
Depth	**161 mm (6.34 in)**
Flange and Gasket Thickness	**21 mm (0.83 in)**
Air Volume Occupied by Driver	**2 dm^3 (0.07 ft^3)**
Net Weight	**5.3 kg (11.68 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**6.2 kg (13.67 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

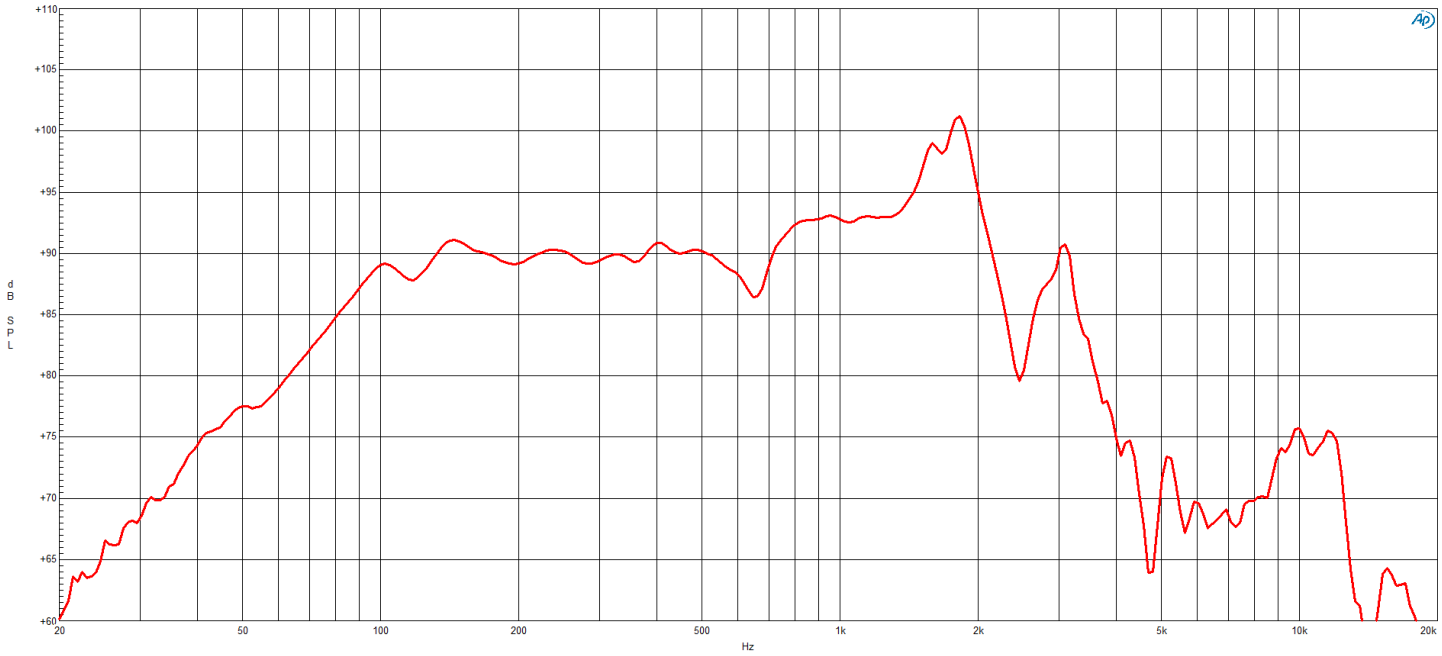
SERVICE KITS

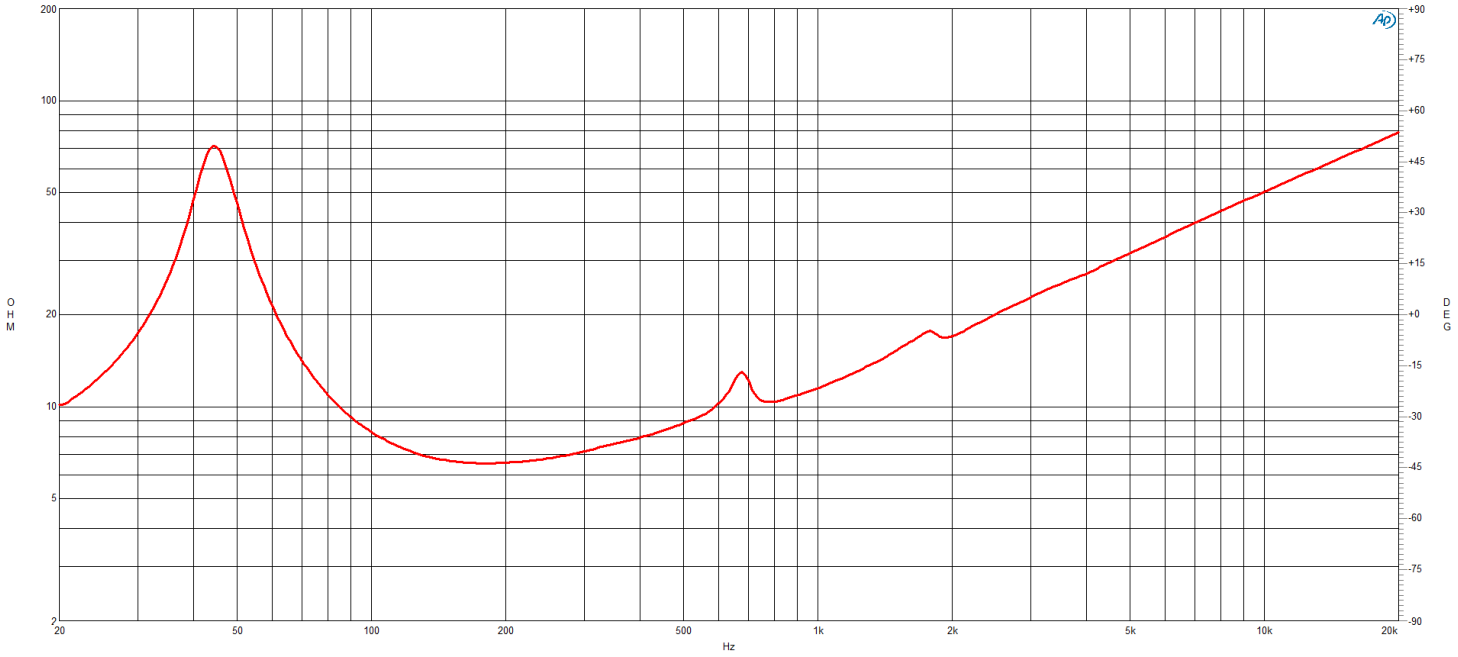
LF recone-kits	**RCK12BG768**

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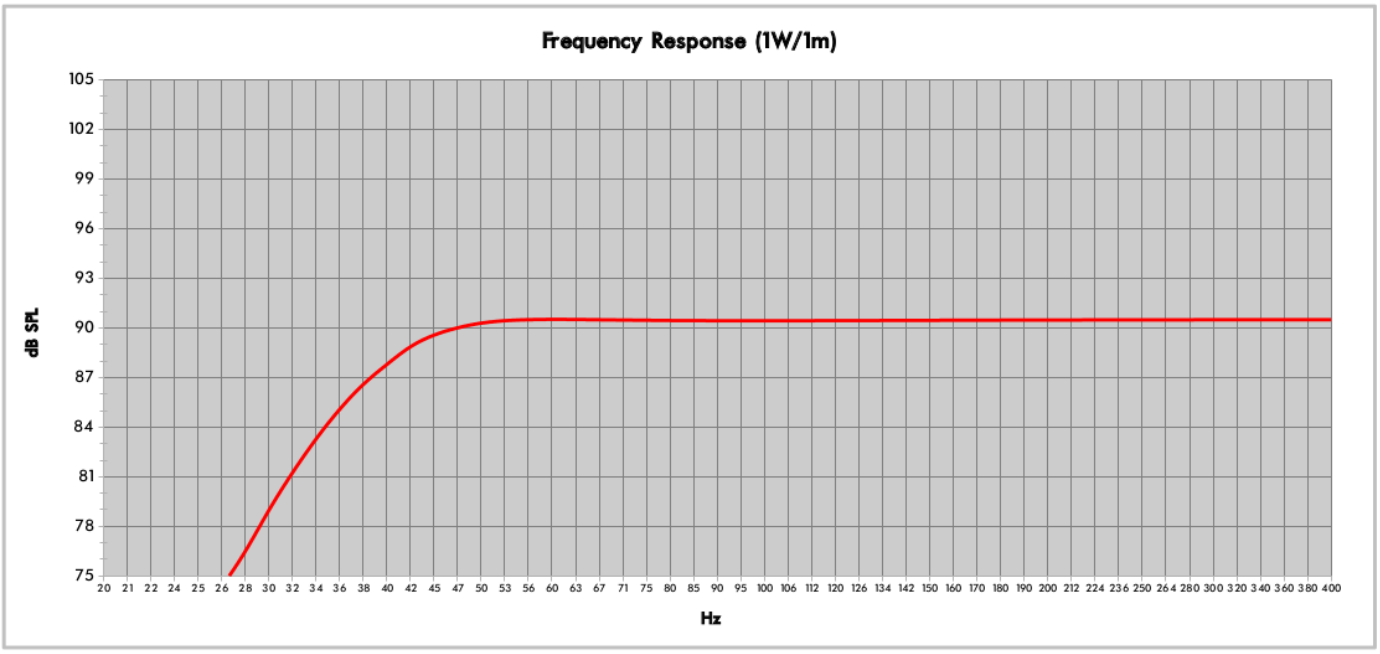
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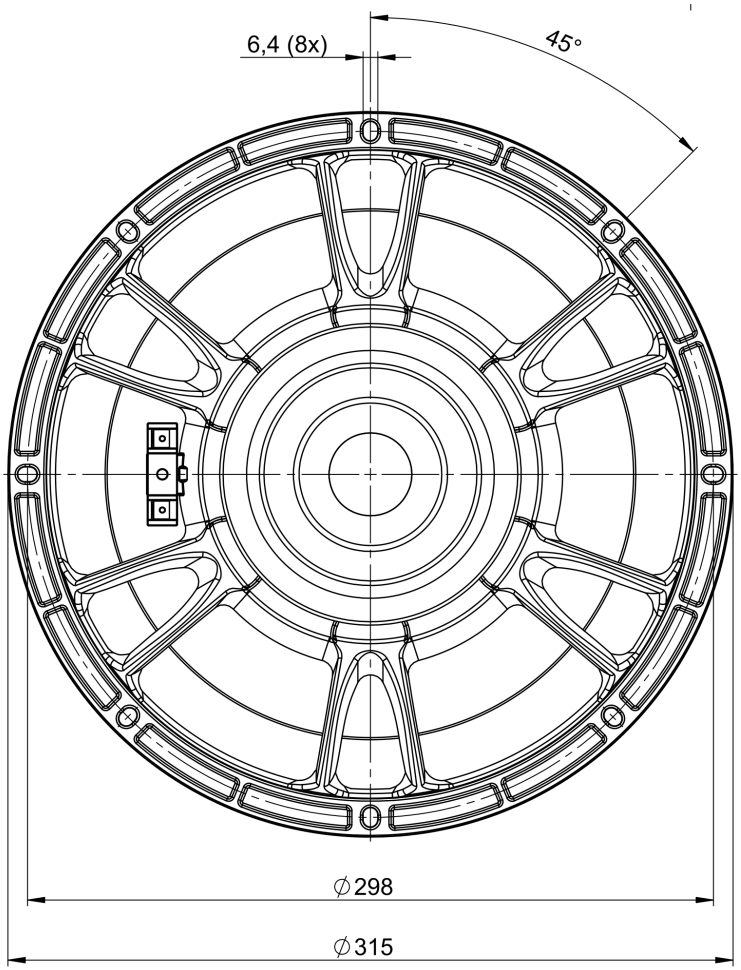


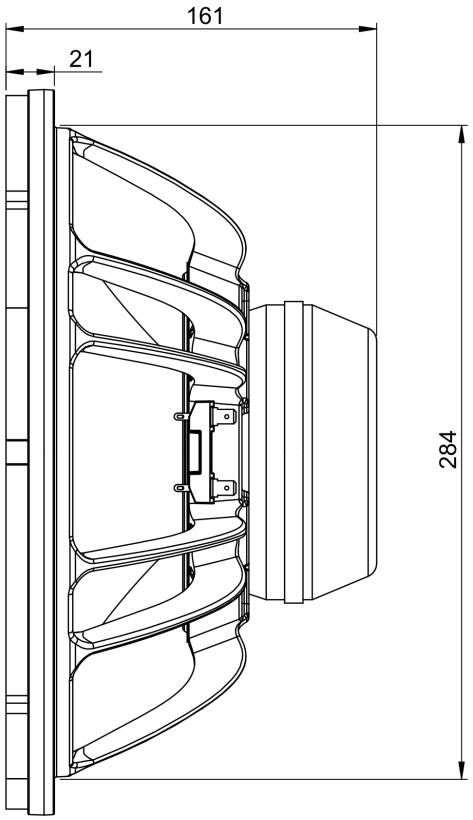
Model:	**12BG76**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**40**	QB:	**7**
Tuning Frequency (Hz):	**42**	Port Area (cm²):	**140,0**
Frequency (-3 dB) (Hz):	**39,5**	Port Length (cm):	**48,2**
Frequency (-10 dB) (Hz):	**31,4**		

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