

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	500 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	1000 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	92 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
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 dm³ (1.13 ft³)
Sd	522 cm² (80.91 in²)
η ₀	0.65 %
X _{max}	9.5 mm
X _{var}	14 mm
M _{ms}	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 dm³ (1.41 ft³)
Recommended Tuning	42 Hz

MOUNTING AND SHIPPING INFO

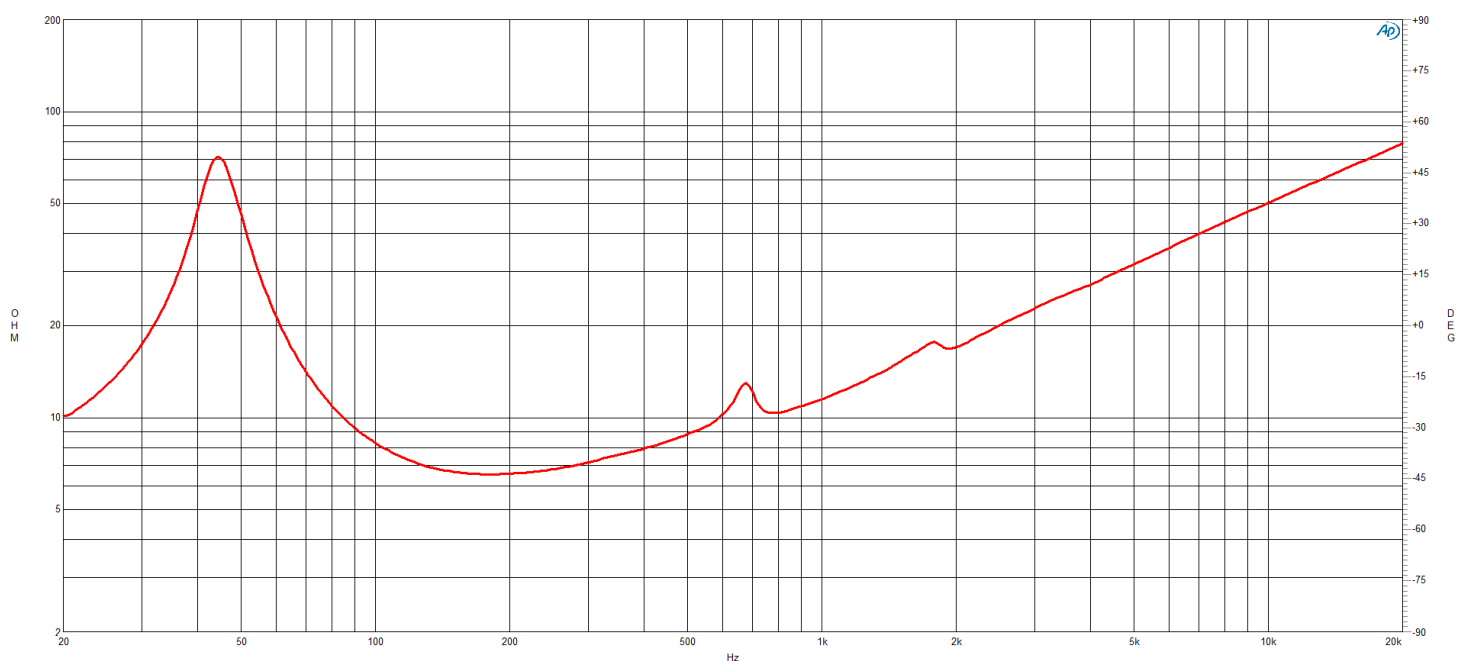
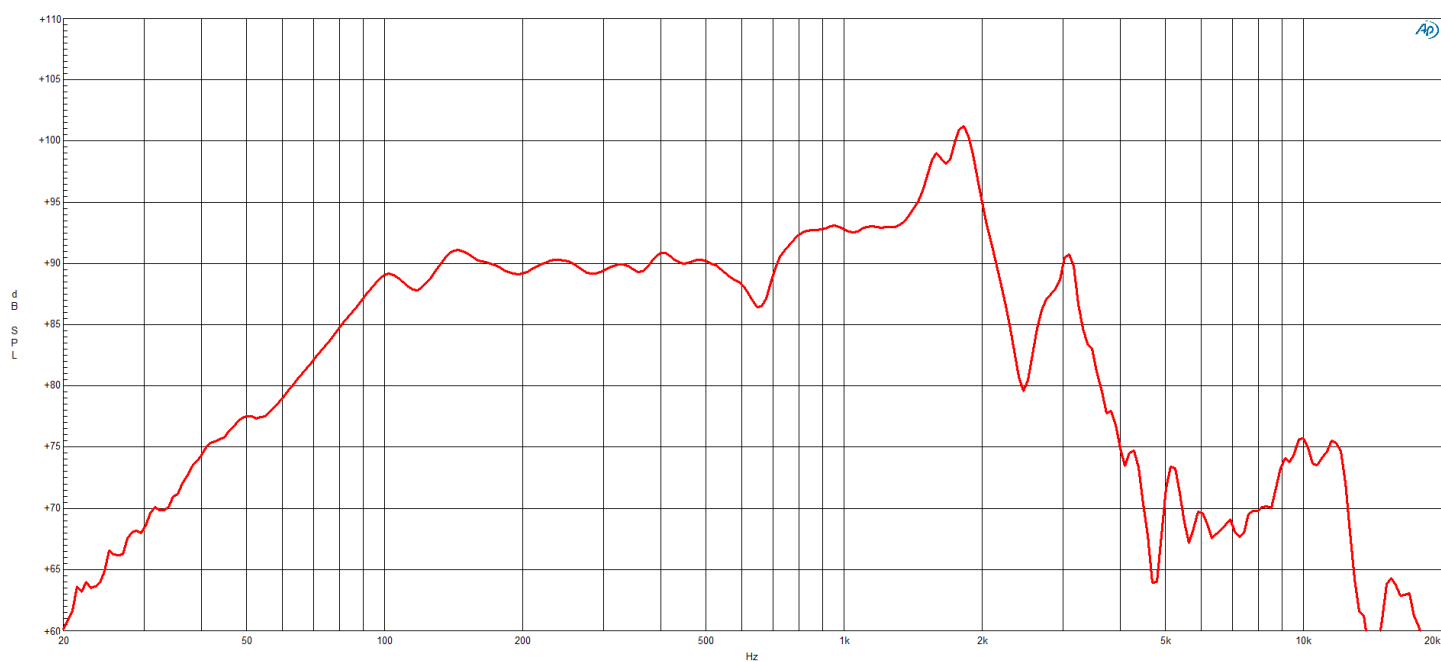
Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.73 in)
Baffle Cutout Diameter	284 mm (11.18 in)
Depth	161 mm (6.34 in)
Flange and Gasket Thickness	21 mm (0.83 in)
Air Volume Occupied by Driver	2 dm³ (0.07 ft³)
Net Weight	5.3 kg (11.68 lb)
Shipping Units	1 pcs
Shipping Weight	6.2 kg (13.67 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KITS

LF recone-kits	RCK12BG768
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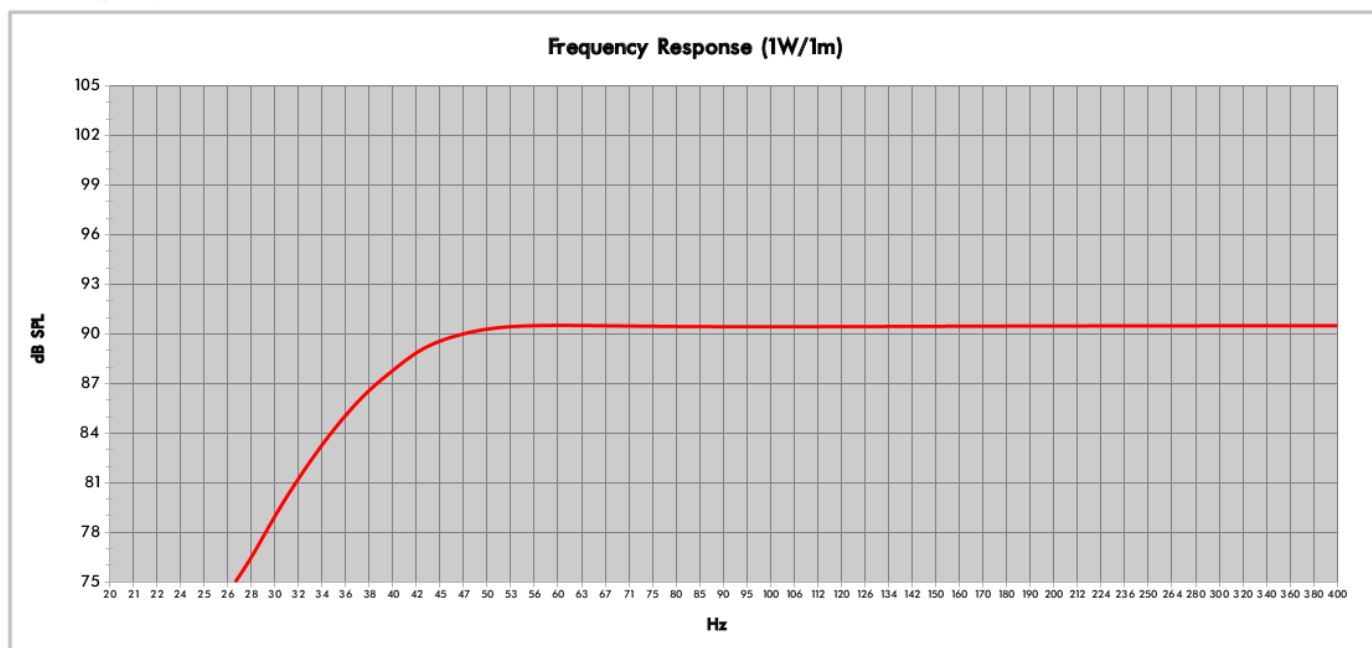
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Model:	12BG76	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	40	QB:	7
Tuning Frequency (Hz):	42	Port Area (cm ²):	140,0
Frequency (-3 dB) (Hz):	39,5	Port Length (cm):	48,2
Frequency (-10 dB) (Hz):	31,4		

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