

15BG76 8 Ω

Rubber Surround Subwoofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 44 - 1000 Hz response
- 93.4 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- FEA optimized Neodymium magnet assembly
- Aluminium demodulating ring for very low distortion
- Double silicone spider with optimized compliance



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SPECIFICATIONS

Nominal Diameter	380 mm (15 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	93.4 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	44 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	1.22 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	0.61
Qms	6.2
Qts	0.56
Vas	68.4 dm³ (2.42 ft³)
Sd	855 cm² (132.53 in²)
η ₀	0.93 %
X _{max}	9.6 mm
X _{var}	12.5 mm
M _{ms}	194 g
Bl	21.7 Tm
Le	1.29 mH
EBP	72 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	160 dm³ (5.65 ft³)
Recommended Tuning	34 Hz

MOUNTING AND SHIPPING INFO

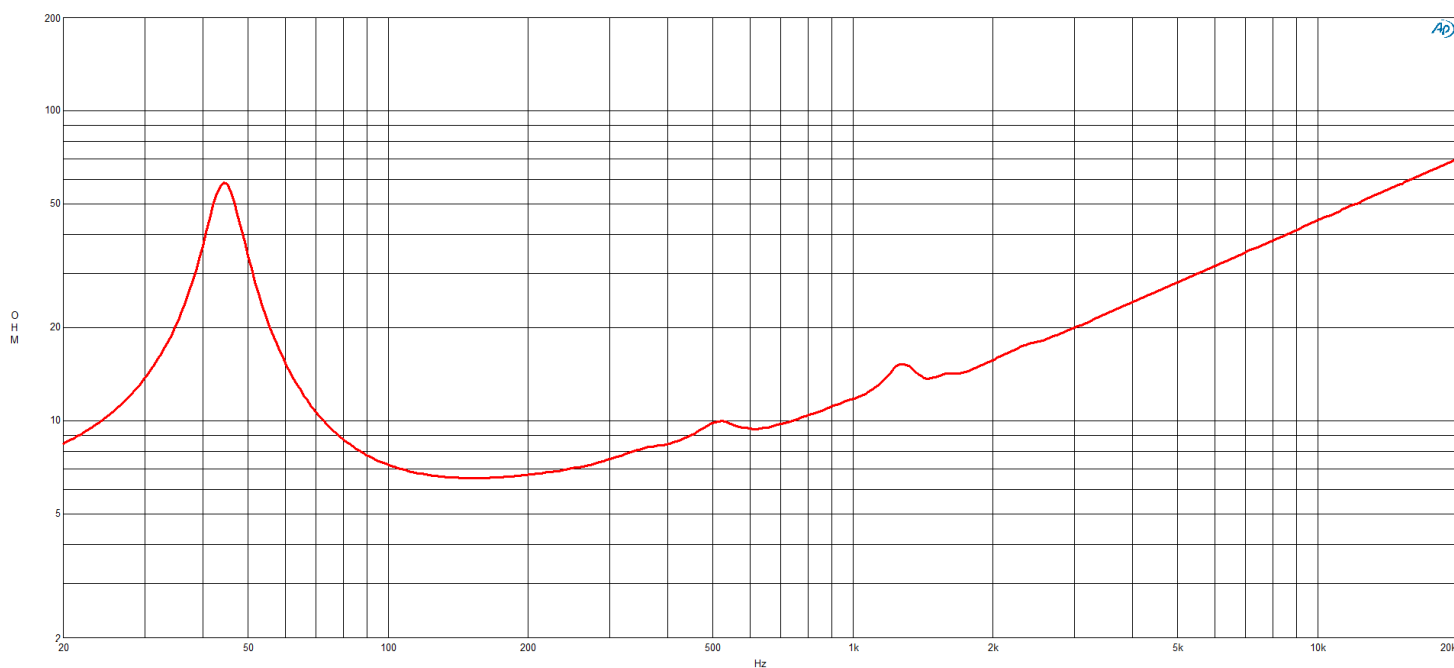
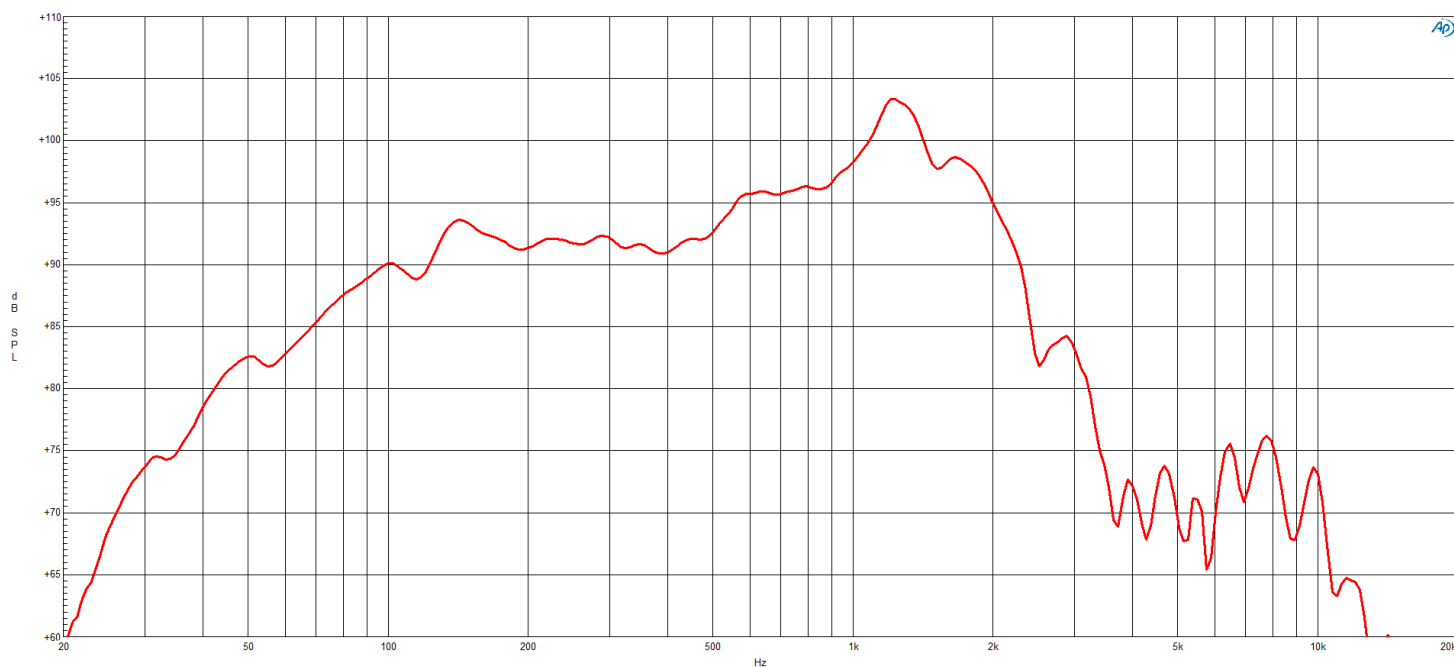
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	354 mm (13.9 in)
Depth	190 mm (7.48 in)
Flange and Gasket Thickness	23 mm (0.91 in)
Air Volume Occupied by Driver	6 dm³ (0.21 ft³)
Net Weight	5.95 kg (13.12 lb)
Shipping Units	1 pcs
Shipping Weight	7.25 kg (15.98 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

SERVICE KITS

LF recone-kits	RCK15BG768
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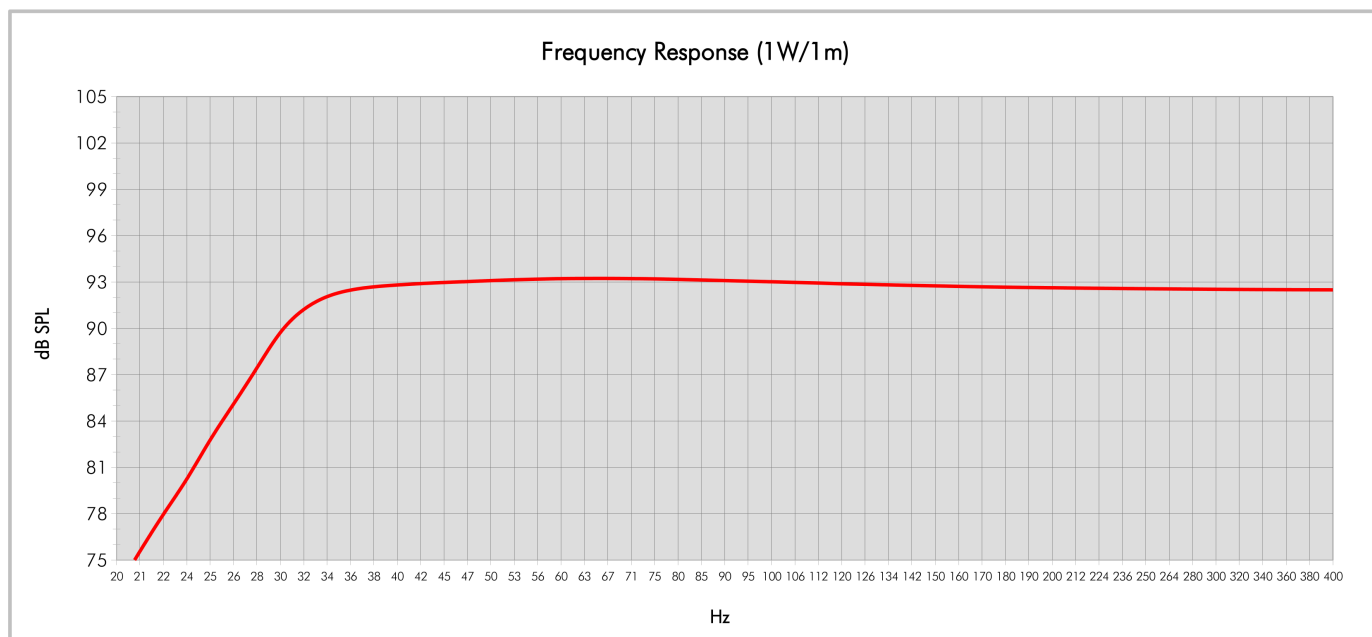
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Model:	15BG76	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	160	QB:	7
Tuning Frequency (Hz):	34	Port Area (cm²):	222,0
Frequency (-3 dB) (Hz):	29,8	Port Length (cm):	21,4
Frequency (-10 dB) (Hz):	24,8		

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