

5MDN38 16 Ω

Midrange

200 W continuous program power capacity
38 mm (1.5 in) aluminium voice coil
230 - 10000 Hz response
96 dB sensitivity
Shorting copper cap for extended HF response



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SPECIFICATIONS

Nominal Diameter	127 mm (5 in)
Nominal Impedance	16 Ω
Minimum Impedance	14.5 Ω
Nominal Power Handling	100 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	200 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	96 dB
Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance	
Frequency Range	230 Hz - 10000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	10 mm (0.39 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.25 T
Woofers Cone Treatment	WP Waterproof Front Side

PARAMETERS

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

Fs	230 Hz
Re	11.7 Ω
Qes	0.57
Qms	3
Qts	0.48
Vas	0.8 dm³ (0.03 ft³)
Sd	95 cm² (14.7 in²)
η ₀	1.7 %
X _{max}	3.5 mm
X _{var}	2.5 mm
M _{ms}	8 g
Bl	15 Tm
Le	0.7 mH
EBP	404 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Ring
Spider	Single
Pole Design	Straight Pole
Woofers Cone Treatment	WP Waterproof Front Side

MOUNTING AND SHIPPING INFO

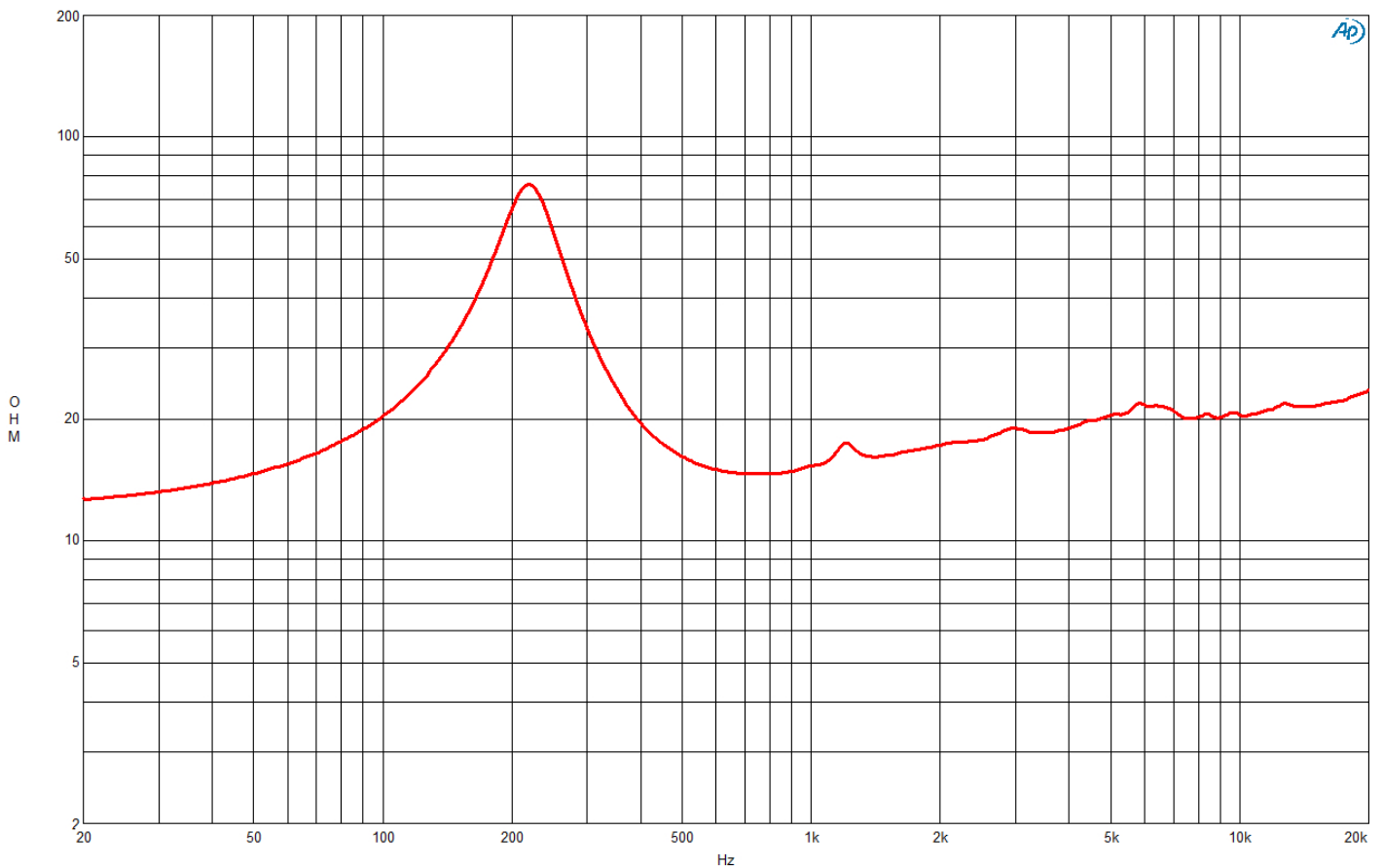
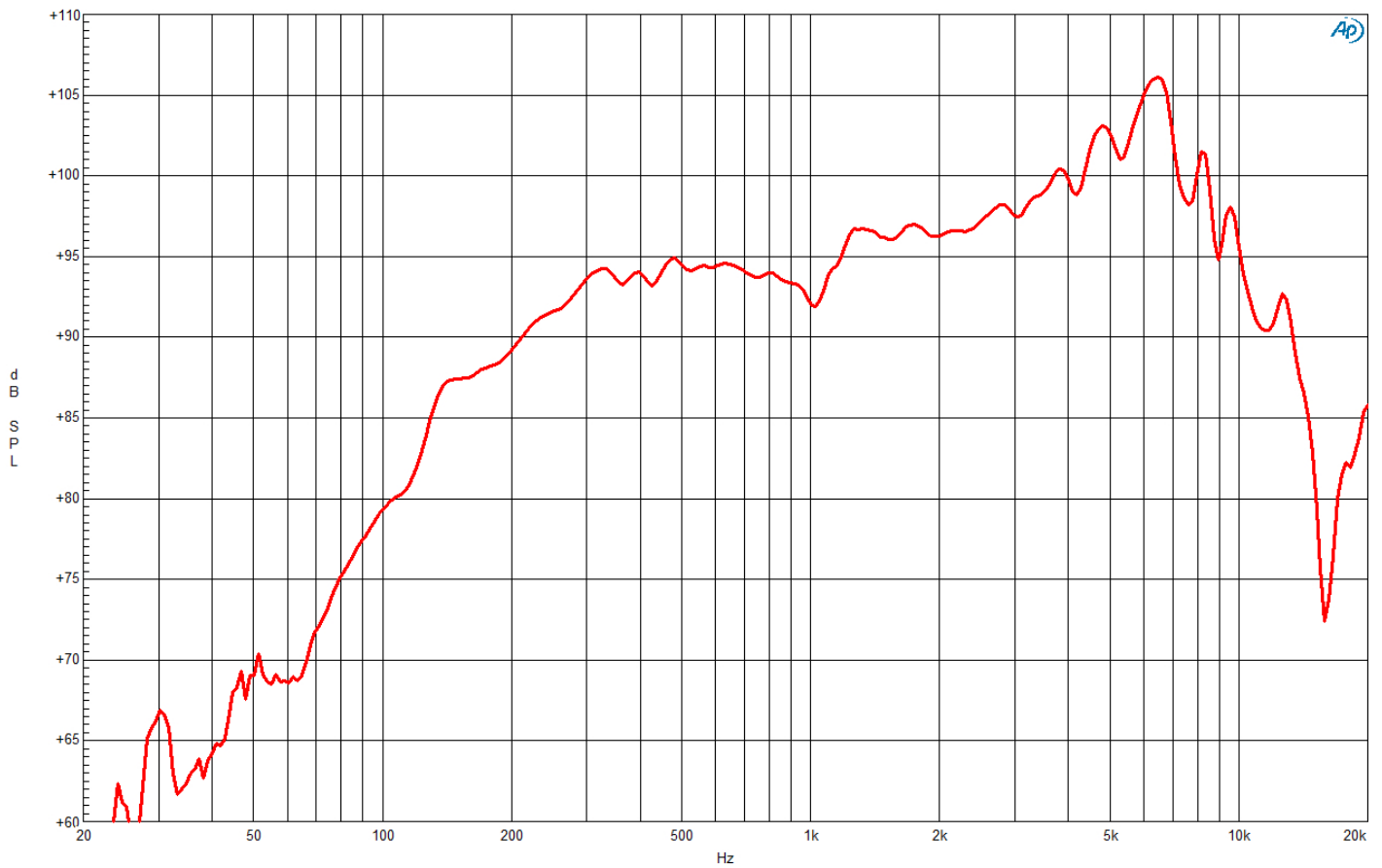
Overall Diameter	155 mm (6.1 in)
Bolt Circle Diameter	142 mm (5.6 in)
Baffle Cutout Diameter	122 mm (4.8 in)
Depth	75 mm (2.95 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air Volume Occupied by Driver	0.35 dm³ (0.01 ft³)
Net Weight	0.94 kg (2.07 lb)
Shipping Units	1 pcs
Shipping Weight	1.14 kg (2.51 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)

SERVICE KITS

LF recone-kits	RCK005MDN3816
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