

15PL100 8 Ω

Woofer

1400 W continuous program power capacity
100 mm (4 in) copper voice coil
35 - 2000 Hz response
97 dB sensitivity
Double silicone spider with optimized compliance



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SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
Nominal Power Handling	700 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	1400 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	97 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	35 Hz - 2000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 mm (0.83 in)
Magnetic Gap Depth	11 mm (0.4 in)
Flux Density	1.15 T
Woofer Cone Treatment	None

PARAMETERS

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

Fs	37 Hz
Re	5 Ω
Qes	0.21
Qms	6.6
Qts	0.2
Vas	154 dm³ (5.4 ft³)
Sd	855 cm² (132.5 in²)
η0	3.6 %
Xmax	7 mm
Xvar	7 mm
Mms	121 g
Bl	26.8 Tm
Le	1.7 mH
EBP	176 Hz

DESIGN

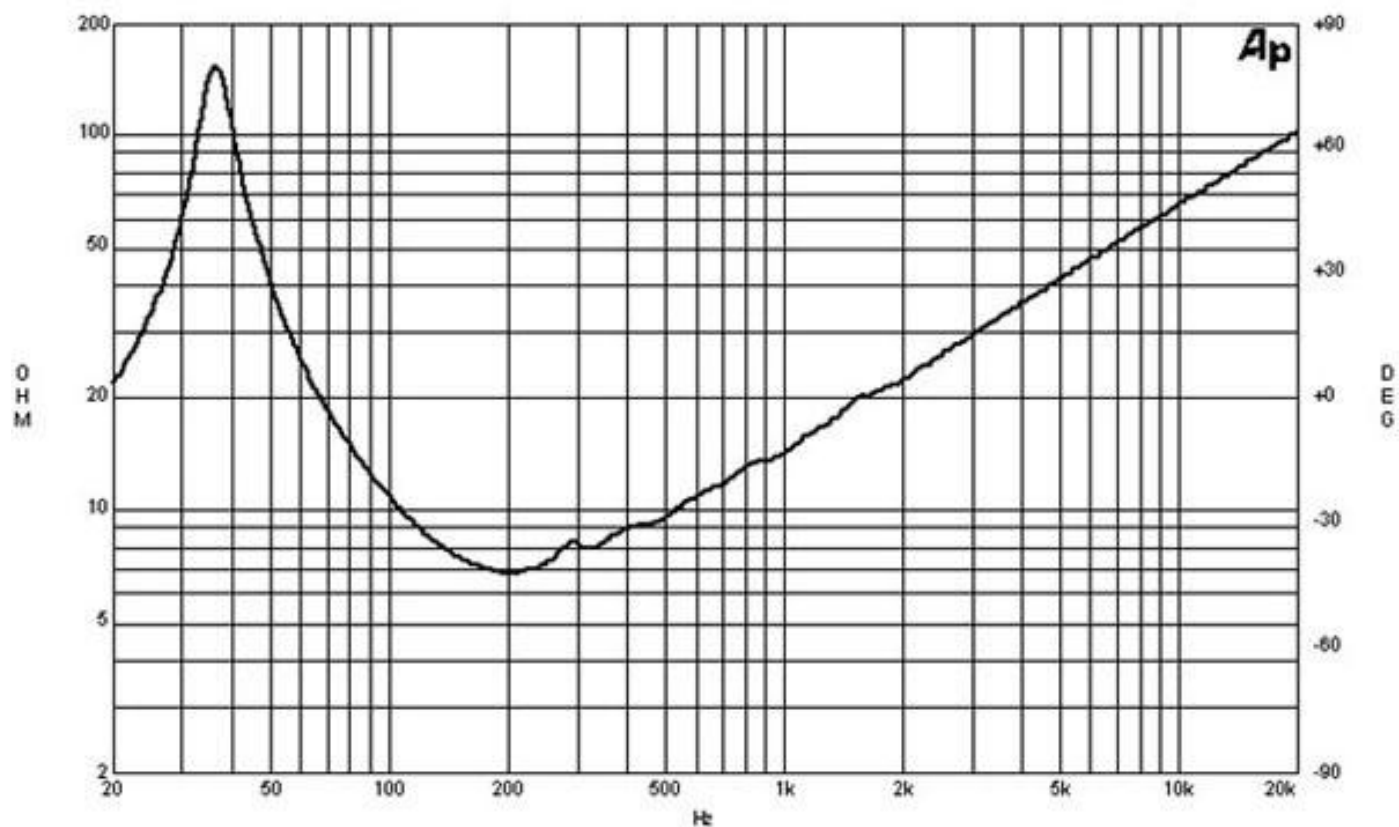
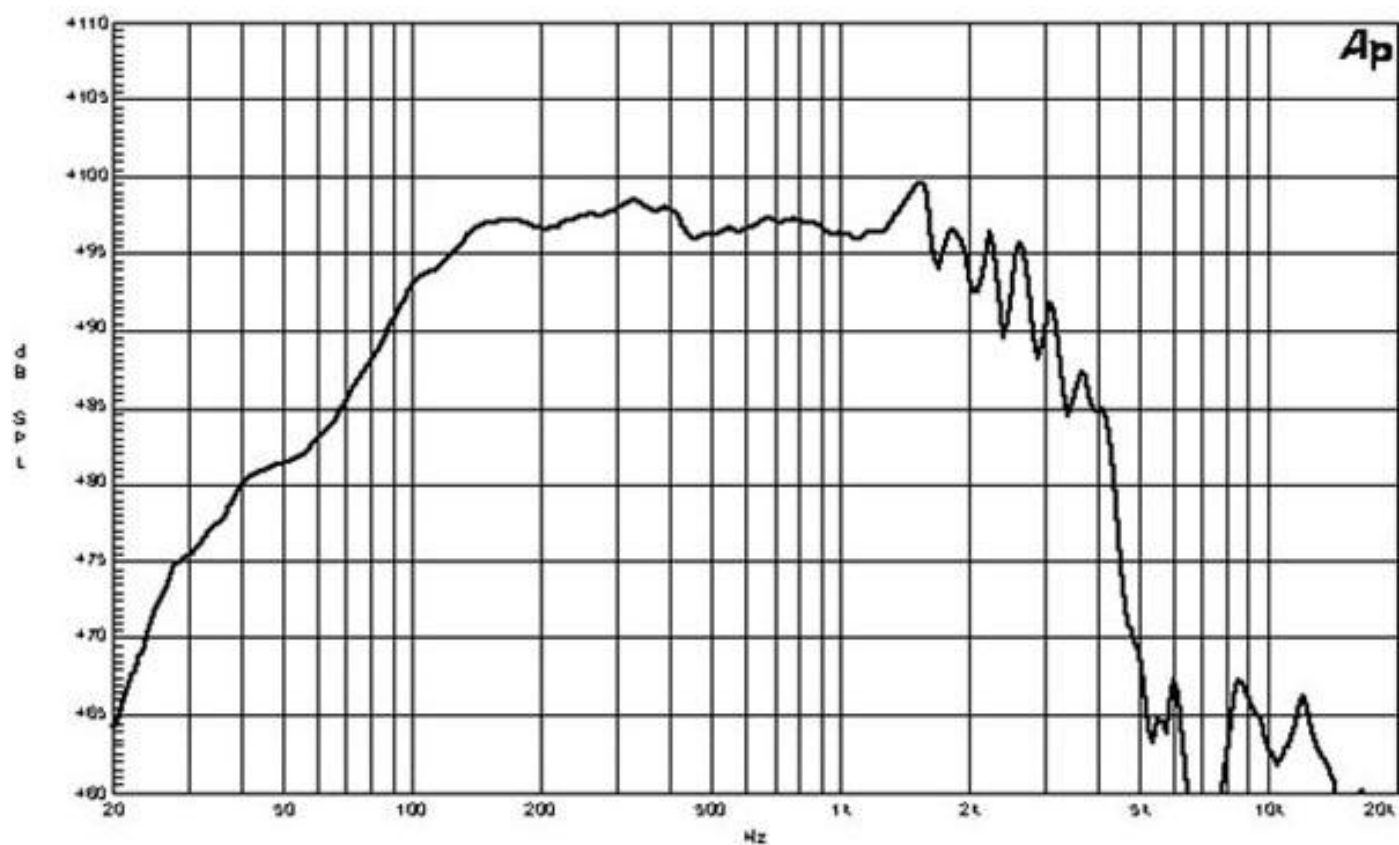
Surround Shape	Triple Roll
Cone Shape	Exponential
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	None
Recommended Enclosure	80 dm³ (2.83 ft³)
Recommended Tuning	50 Hz

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	173 mm (6.8 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	11.8 kg (26.01 lb)
Shipping Units	1 pcs
Shipping Weight	13.1 kg (28.88 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

SERVICE KITS

LF recone-kits	RCK15PL1008
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