

15PS76 8 Ω

Woofer

- 1100 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 99 dB sensitivity
- Double silicone spider with optimized compliance



15PS76 8 Ω**Woofer****SPECIFICATIONS**

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω
Nominal Power Handling	550 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	1100 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	99 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	40 Hz - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19 mm (0.75 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	38 Hz
Re	5 Ω
Qes	0.28
Qms	5.2
Qts	0.26
Vas	164 dm³ (5.7 ft³)
Sd	855 cm² (132.5 in²)
η0	3.3 %
Xmax	7.5 mm
Xvar	8.5 mm
Mms	106 g
Bl	22.1 Tm
Le	1.3 mH
EBP	136 Hz

DESIGN

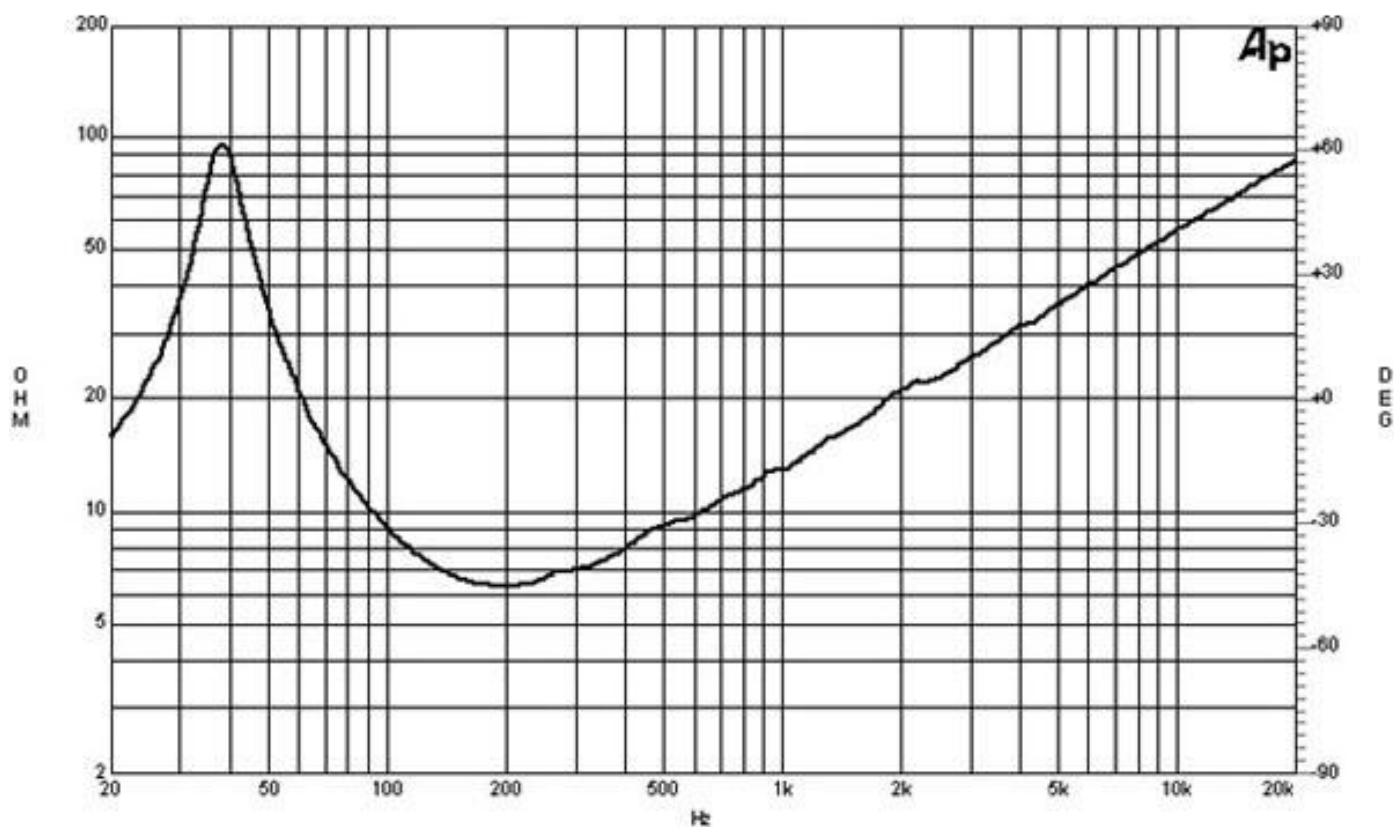
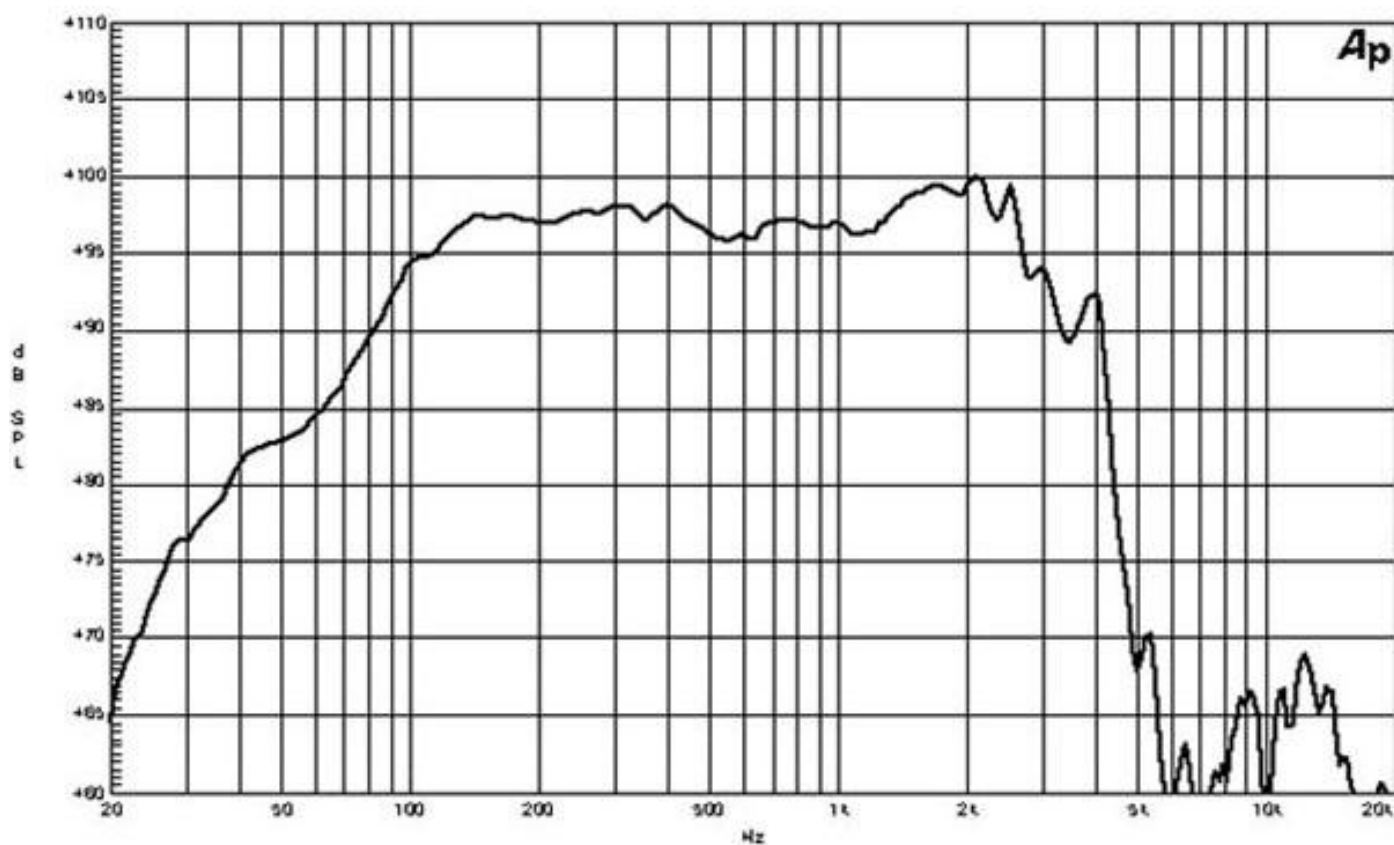
Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	None
Recommended Enclosure	110 dm³ (3.88 ft³)
Recommended Tuning	45 Hz

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	171 mm (6.7 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	8.7 kg (19.1 lb)
Shipping Units	1 pcs
Shipping Weight	10 kg (22.05 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

SERVICE KITS

LF recone-kits	RCK15PS768
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