

**18PS76** 8 Ω

Woofer

1200 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



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**SPECIFICATIONS**

Nominal Diameter	<b>460 mm (18 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.5 Ω</b>
Nominal Power Handling	<b>600 W</b>
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	<b>1200 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>99 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>40 Hz - 2000 Hz</b>
Voice Coil Diameter	<b>76 mm (3 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>24 mm (0.92 in)</b>
Magnetic Gap Depth	<b>11 mm (0.4 in)</b>
Flux Density	<b>1.25 T</b>
Woofers Cone Treatment	<b>TWP Waterproof Both Sides</b>

**PARAMETERS**

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

Fs	<b>39 Hz</b>
Re	<b>5 Ω</b>
Qes	<b>0.29</b>
Qms	<b>6.1</b>
Qts	<b>0.27</b>
Vas	<b>207 dm<sup>3</sup> (7.2 ft<sup>3</sup>)</b>
Sd	<b>1210 cm<sup>2</sup> (187.6 in<sup>2</sup>)</b>
η <sub>0</sub>	<b>4 %</b>
X <sub>max</sub>	<b>7 mm</b>
X <sub>var</sub>	<b>8 mm</b>
M <sub>ms</sub>	<b>149 g</b>
Bl	<b>25.8 Tm</b>
Le	<b>1.9 mH</b>
EBP	<b>134 Hz</b>

**DESIGN**

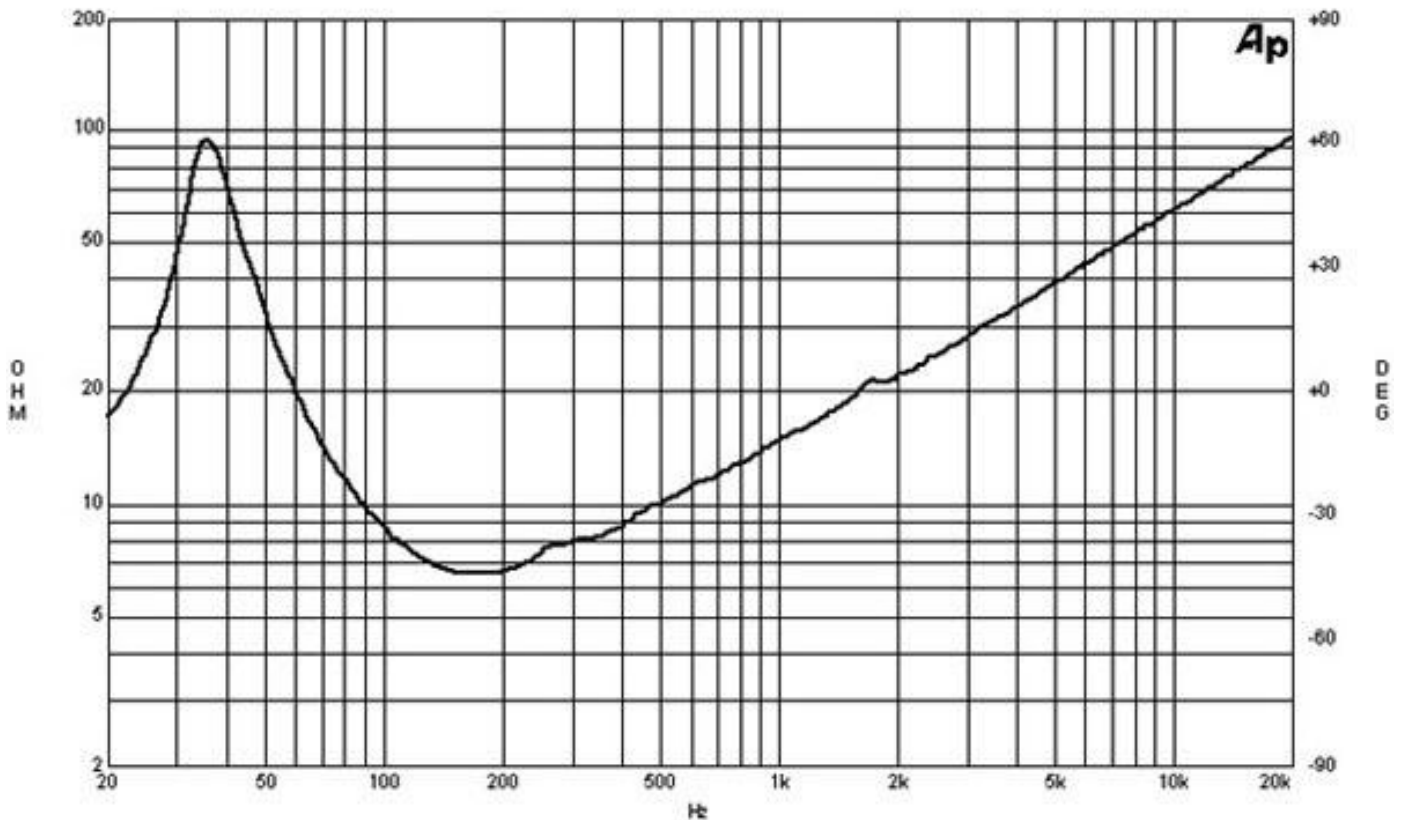
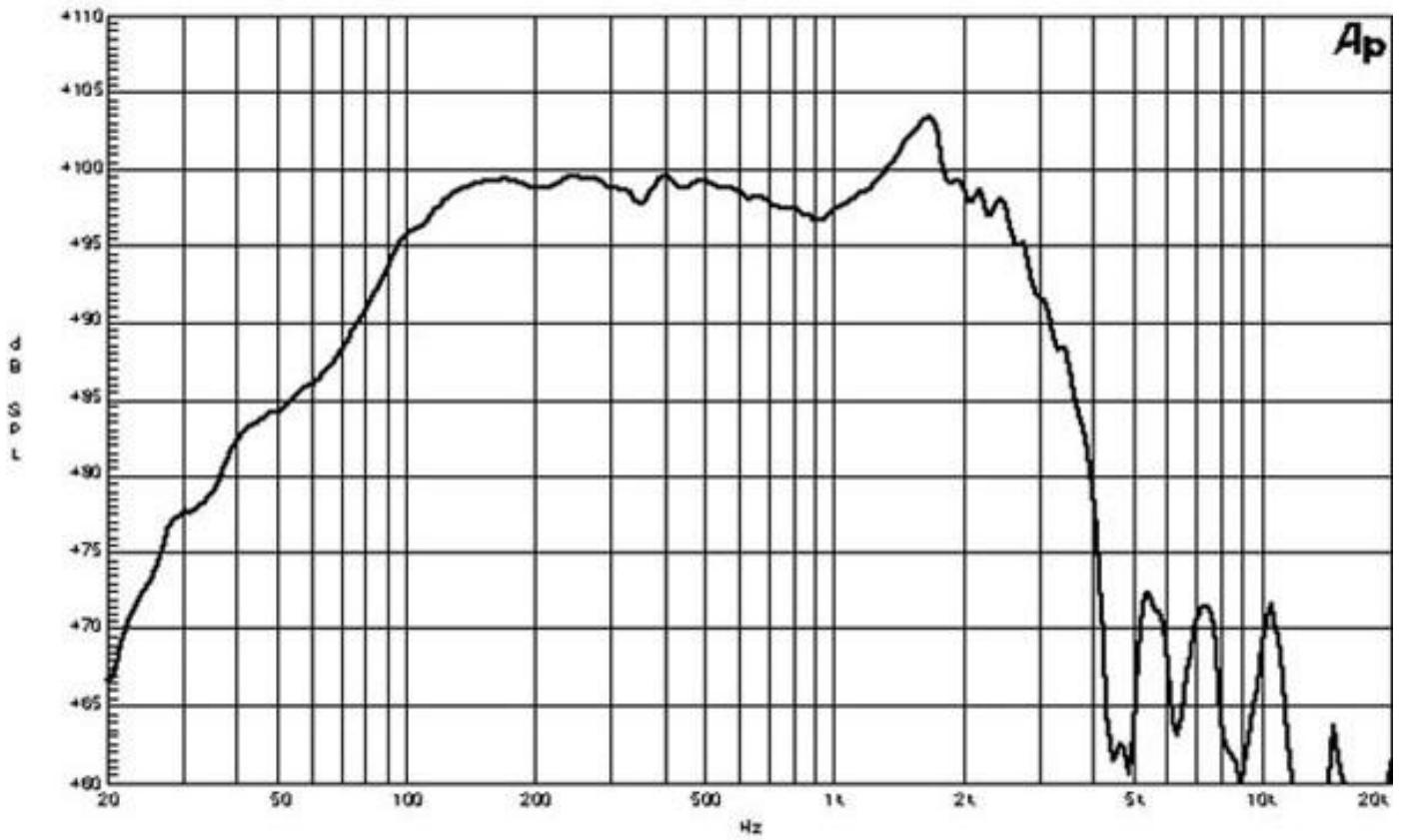
Surround Shape	<b>Triple Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Double Silicone</b>
Pole Design	<b>Straight Pole</b>
Woofers Cone Treatment	<b>TWP Waterproof Both Sides</b>
Recommended Enclosure	<b>150 dm<sup>3</sup> (5.3 ft<sup>3</sup>)</b>
Recommended Tuning	<b>45 Hz</b>

**MOUNTING AND SHIPPING INFO**

Overall Diameter	<b>460 mm (18 in)</b>
Bolt Circle Diameter	<b>440 mm (17.3 in)</b>
Baffle Cutout Diameter	<b>422 mm (16.6 in)</b>
Depth	<b>202 mm (7.95 in)</b>
Flange and Gasket Thickness	<b>16 mm (0.62 in)</b>
Air Volume Occupied by Driver	<b>9 dm<sup>3</sup> (0.32 ft<sup>3</sup>)</b>
Net Weight	<b>10.8 kg (23.81 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>12.5 kg (27.56 lb)</b>
Shipping Box	<b>500x495x275 mm (19.69x19.49x10.83 in)</b>

**SERVICE KITS**

LF recone-kits	<b>RCK18PS768</b>
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