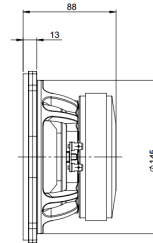
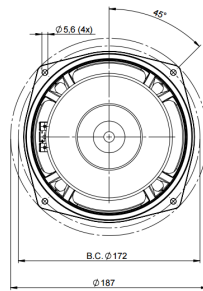


# 6PS44

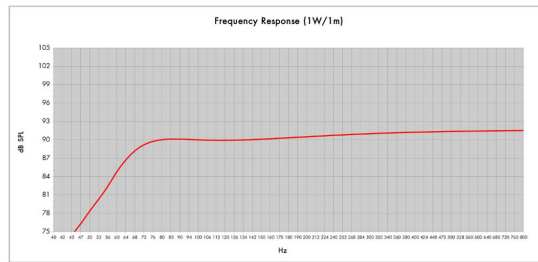
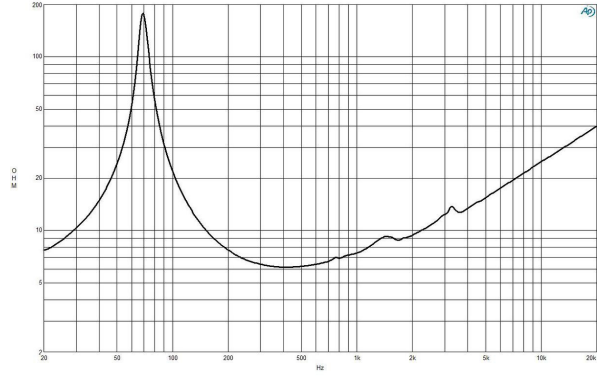
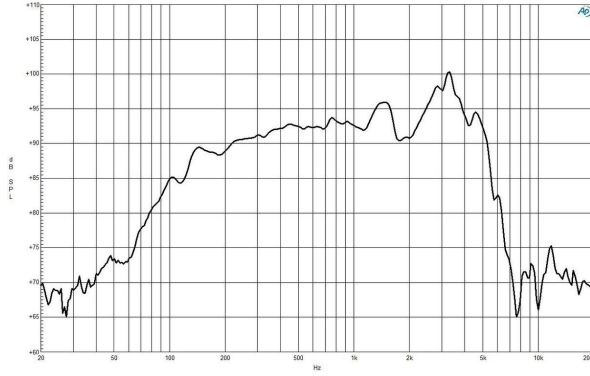
**8Ω****LF Drivers - 6.5 Inches**

- 400W continuous power capacity
- 44 mm (1.7 in) copper voice coil
- 70 - 5000 Hz frequency response
- 93 dB sensitivity



# 6PS44

## LF Drivers- 6.5 Inches



Model: 6PS44  
 Enclosure Type: Bass Reflex Configuration: One Driver  
 Internal Net Volume (liters): 9 Q<sub>0</sub>: 5  
 Tuning Frequency (Hz): 70 Port Area (cm<sup>2</sup>): 26.0  
 Frequency (-3 dB) (Hz): 69.7 Port Length (cm): 12.7  
 Frequency (-10 dB) (Hz): 54.8

### SPECIFICATIONS

Nominal Diameter	170 mm (6.69 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.0 Ω
Nominal Power Handling <sup>1</sup>	200 W
Continuous Power Handling <sup>2</sup>	400 W
Sensitivity <sup>3</sup>	93.0 dB
Frequency Range	70 - 5000 Hz
Voice Coil Diameter	44 mm (1.73 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	12.0 mm (0.49 in)
Magnetic Gap Depth	6.0 mm (0.24 in)
Flux Density	1.25 T

### DESIGN

Surround Shape	Roll
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	9.0 dm <sup>3</sup> (0.32 ft <sup>3</sup> )
Recommended Tuning	70 Hz

### PARAMETERS<sup>4</sup>

Resonance Frequency	71 Hz
Re	5.3 Ω
Qes	0.34
Qms	12.5
Qts	0.33
Vas	7.0 dm <sup>3</sup> (0.25 ft <sup>3</sup> )
Sd	132.0 cm <sup>2</sup> (20.46 in <sup>2</sup> )
η <sub>o</sub>	0.7 %
X <sub>max</sub>	± 4.5 mm
X <sub>var</sub>	± 6.0 mm
M <sub>ms</sub>	18.0 g
Bl	11.0 Txm
Le	0.7 mH
EBP	208 Hz

**MOUNTING AND SHIPPING INFO**

Overall Diameter	187 mm (7.36 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	145.0 mm (5.71 in)
Depth	88 mm (3.46 in)
Flange and Gasket Thickness	13 mm (0.51 in)
Air Volume Occupied by Horn	0.9 dm <sup>3</sup> (0.03 ft <sup>3</sup> )
Net Weight	2.5 kg (5.51 lb)
Shipping Units	1
Shipping Weight	2.7 kg (5.95 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)

**SERVICE KIT**

Recone kit	RCK06PS448
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1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.