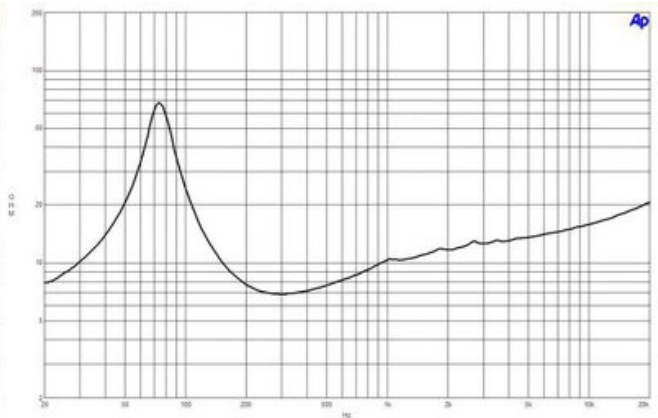
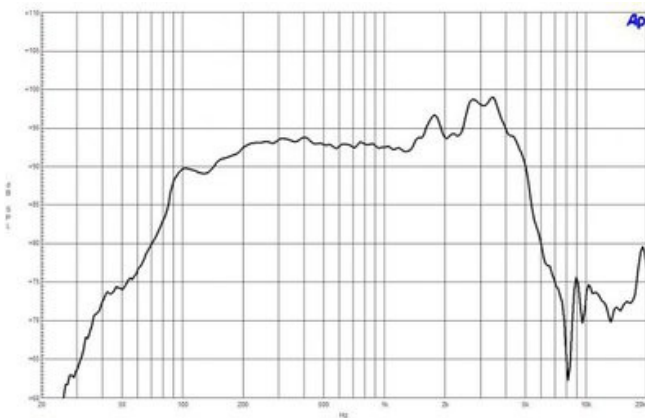


# 8PS21

LF Drivers - 8.0 Inches



- 400 W continuous program power capacity
- 50 mm (2 in) copper voice coil
- 70 - 3000 Hz response
- 94 dB sensitivity
- Shorting copper cap for extended HF response



# 8PS21

LF Drivers- 8.0 Inches

## SPECIFICATIONS

Nominal diameter	200 mm (8.0 in)
Nominal impedance	8 Ω
Minimum impedance	7.0 Ω
Nominal power handling <sup>1</sup>	200 W
Continuous power handling <sup>2</sup>	400 W
Sensitivity (1W1m) <sup>3</sup>	94.0 dB
Frequency range	70 - 3000 Hz
Voice coil diameter	50 mm (2.0 in)
Winding material	Copper
Former material	Kapton
Winding depth	16 mm (0.62 in)
Magnetic gap depth	8 mm (0.31 in)
Flux density	1.1 T

## MOUNTING AND SHIPPING INFO

Overall diameter	225 mm (8.8 in)
Bolt circle diameter	210 mm (8.3 in)
Baffle cutout diameter	187.0 mm (7.4 in)
Depth	91 mm (3.6 in)
Flange and gasket thickness	11 mm (0.4 in)
Air volume occupied by driver	1.2 dm <sup>3</sup> (0.04 ft <sup>3</sup> )
Net weight	3.4 kg (7.5 lb)
Shipping weight	3.7 kg (8.1 lb)
Shipping box	220x220x130 mm (8.7x8.7x5.1 in)

## DESIGN

Surround shape	Double Roll
Cone shape	Exponential
Magnet material	Ferrite
Spider	Single
Pole design	T-Pole
Woofers cone treatment	None
Recommended enclosure	14.0 dm <sup>3</sup> (0.49 ft <sup>3</sup> )
Recommended tuning	73 Hz

## SERVICE KIT

RCK008PS218

## PARAMETERS

F <sub>s</sub>	73 Hz
R <sub>e</sub>	5.4 Ω
Q <sub>es</sub>	0.36
Q <sub>ms</sub>	4.2
Q <sub>ts</sub>	0.33
V <sub>as</sub>	14.0 dm <sup>3</sup> (0.49 ft <sup>3</sup> )
S <sub>d</sub>	220.0 cm <sup>2</sup> (34.1 in <sup>2</sup> )
η <sub>o</sub>	1.5 %
X <sub>max</sub>	5.0 mm
X <sub>var</sub>	4.0 mm
M <sub>ms</sub>	23 g
Bl	12.6 Txm
L <sub>e</sub>	0.5 mH
EBP	202 Hz

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range F<sub>s</sub>-10F<sub>s</sub>. 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.

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