



### Key features:

- OPTIMIZED FERRITE MAGNETIC STRUCTURE
- LIGHTWEIGHT, YET STRONG PAPER CONE
- HI SPL

### Design notes:

183FIND is a cost-effective solution for subwoofers. Its lightweight yet strong cone allows the magnetic circuit to be size optimized while delivering a sizeable amount of sound pressure. With its high efficiency (97 dB 1 watt / 1 meter) and high power handling capabilities, this woofer will excel in all applications with tight budgets. The cone shape and material was developed to provide an optimum low-frequency response, making the woofer good choice

for subwoofer systems.↵†

#### Power Handling

At the core of the 183FIND is its voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures above 280°C. The winding with high-temperature specification copper wire ensures the long life of the voice coil, without the costly service cycles.↵†

The cone is also extensively treated to withstand harsh environments and high humidity. Metal parts in the speaker assembly are coated for extreme weatherization protection.

### Specifications:

#### General specs

Nominal Diameter: 18"

Rated Impedance: 8 ohm

#### Power handling

AES Power: 600 watts

Program Power: 1200 watts

Peak Power: 2400 watts

#### Voice Coil

Diameter: 3 in.

Winding wire: Copper

Former: Glass Fiber

Winding height: 19.8 mm

#### T/S Parameters

Resonant frequency: 32 Hz

Re: 5.9 ohm

Qes: 0.43

Qms: 13.2

Qts: 0.42

Vas: 329.5 liters

Sd: 1225.4 cm<sup>2</sup>

Sensitivity: 97 dB

Mms: 165 grams

Bl: 21.14

Le: 0.73 mH

#### Design details

Surround Material: Fabric

Cone material: Paper

Spider: ET-0527

Plate thickness: 8 mm

Peak to peak linear cone displacement: 16.8 mm

Overall diameter: 461 mm

Bolt circle diameter: 442 mm

Baffle cutout dia.: 422 mm

Number of mounting holes: 8

Depth (flange to rear): 184 mm

Net weight: 8.8kg

#### Ordering codes:

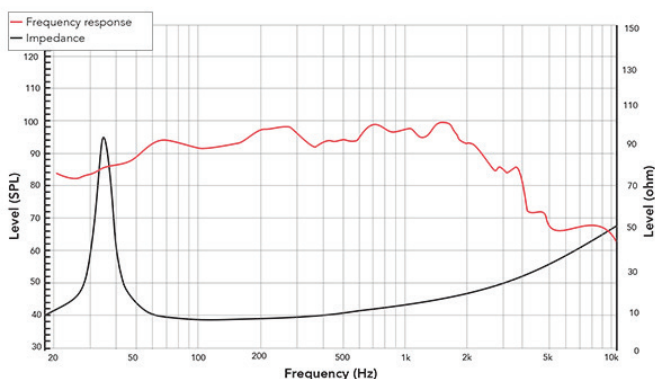
183FIND-X8 ohm-297

#### Recone kits:

RC183FINDX-297

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

### Frequency response & Impedance



### 2D drawing

