15" 152FIND-1

Woofer

Key features:

- **EXTENDED LOW FREQUENCY RESPONSE**
- **CARBON FIBER REINFORCED CONE**
- **HIGH EXCURSION RUBBER SURROUND**

Design notes:

The 152FIND-333 is a high efficiency, (96 dB 1watt / 1 meter) 15-inch woofer with linear frequency response characteristics and high power handling capability. The 152FIND-333 uses a lightweight carbon fiber loaded cone assembly along with a high excursion rubber surround. This combination greatly improves low-frequency response and provides great level of control over the moving cone at high excursion levels. We have designed a lightweight surround, using our own rubber compound. As the result, the SPL is not compromised and the woofer can be used in professional audio applications, where high amounts of low frequencies are required.

Power Handling
At the core of the 152FIND-333 is it's voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures in excess of 280C, well beyond the thermal requirements of modern professional audio systems.
The 152FIND-333 cone is 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:	**15 "**
Rated Impedance:	**8 ohm**
Power handling	
AES Power:	**800 watts**
Program Power:	**1600 watts**
Peak Power:	**3200 watts**
Voice Coil	
Diameter:	**76 mm**
Winding wire:	**CCAW**
Former:	**Glass Fiber**
Winding height:	**19 mm**

T/S Parameters	
Resonant frequency:	**37 Hz**
Re:	**4.6 ohm**
Qes:	**0.46**
Qms:	**10.2**
Qts:	**0.44**
Vas:	**119 liters**
Sd:	**804 cm²**
Sensitivity:	**95.62 dB**
Mms:	**140 grams**
Bl:	**18.4**
Le:	**0.55 mH**

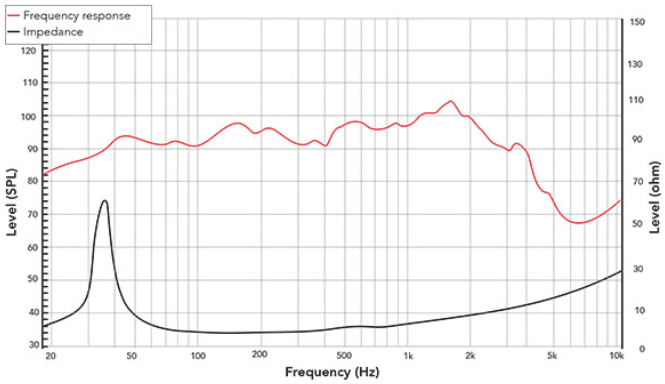
Design details	
Surround Material:	**NBR**
Cone material:	**Paper CF**
Spider:	**Nomex**
Plate thickness:	**10 mm**
Overall diameter:	**392 mm**
Bolt circle diameter:	**375 mm**
Baffle cutout dia.:	**360 mm**
Mounting holes:	**8**
Depth:	**143 mm**
Net weight:	**9 kg**

Ordering code:

DR-15-007-8R-B2-C0001

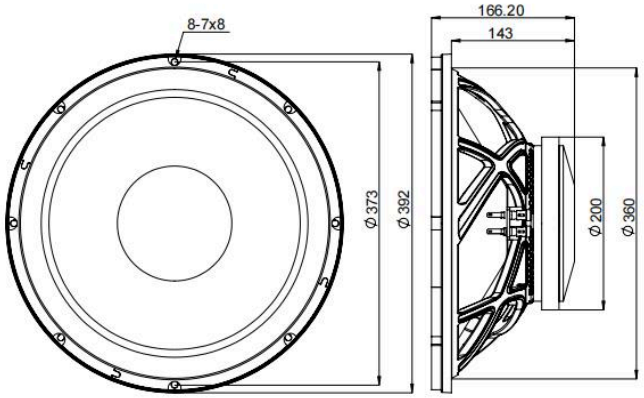
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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