

**3"****32NFR**

# Neodymium Full-Range



## Key features:

- FULL-RANGE COVERAGE
- VERY COMPACT DESIGN
- SUITABLE FOR ARRAY, COLUMNS, OR USAGE WITHOUT HF DRIVERS

## Design notes:

32NFR delivers incredible . It comes together with other speaker models as the next generation of our full-range drivers. Well balanced frequency response from LF to HF, low harmonic distortion, and on top of that all packed in a lightweight and compact mechanical structure.

The driver was designed around neodymium ring magnet. Magnetic circuit delivers the highest level of performance, with minimum modulation distortion.

The cone and surround were newly designed and optimized specifically for this model. Progressive roll surround further improves the frequency response.

Our newly designed basket with typical REDCATT visual aspects sports front and rear gaskets, thus the driver can be easily mounted on both sides of baffle. Large basket openings minimize turbulence and air noise. Space below spider is also vented. This further improves the tempera-

ture stability of this model. The mounting surface has a flange all around, feature that greatly improves mechanical rigidity.

## Specifications:

### General specs

Nominal Diameter: 3"

Rated Impedance: 8 ohm

### Power handling

AES Power: 30 watts

Program Power: 60 watts

Peak Power: 120 watts

### Voice Coil

Diameter: 0.75 in.

Winding wire: CCAW

Former: kapton

Winding height: 6.4 mm

### T/S Parameters

Resonant frequency: 118 Hz

Re: 5.5 ohm

Qes: 0.35

Qms: 3.85

Qts: 0.32

Vas: 1.14 liters

Sd: 33.18 cm<sup>2</sup>

Sensitivity: 90.99 dB

Mms: 2.4 grams

Bl: 5.35

Le: 0.2 mH

### Design details

Surround Material: Rubber

Cone material: Paper

Spider: Nomex

Plate thickness: 4 mm

Peak to peak linear cone displacement: 3.2 mm

Overall diameter: 82.5 mm

Bolt circle diameter: 84 mm

Baffle cutout dia.: 70.5 mm

Number of mounting holes: 4

Depth (flange to rear): 45 mm

Net weight: 0.24kg

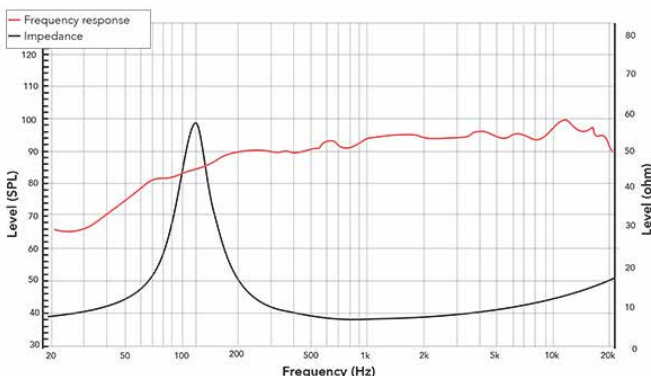
### Ordering codes:

32NFRX8-463A

### Recone kits:

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



Frequency response measured on IAC baffle

## 2D drawing

