3″ | 200NTI

Neodymium Compression Driver

REDCATT

Key features:

- ULTRA HIGH FORCE MAGNETIC SYSTEM WITH BACK PRESSURE REGULATION FEATURES
- VERY HIGH SPL
- CNC MACHINED, PRECISE ALUMINUM PHASE PLUG

Design notes:

The 200NTi compression driver is a high performance high frequency device ideal for professional loudspeaker systems. The driver,Äôs advanced neodymium based magnetic circuit provides a compact, yet robust, ultra high force BL field with precision control of the pure titanium diaphragm assembly. The unit delivers incredibly linear frequency response and very high power handling through 1.4inch exit throat.

The driver features a 75mm pure titanium diaphragm formed as single piece with titanium suspension consisting resonance control features. REDCATT uses advanced manufacturing and quality control techniques, resulting in superb consistency of all our compression drivers.
Optimized, lightweight neodymium based magnetic circuit capable of delivering the highest level of performance. Device that offers uncompromising performance featuring high efficiency, exceptional transient response and controlled distortion characteristics. The annular phase plug is CNC machined from a single block of aircraft grade aluminum. Our phase plug is true high-tech masterpiece. The reached shape and aligning tolerances are beyond what have been commercially produced

Specifications:

General specs	
Nominal Diameter:	3″
Rated Impedance:	8 ohm

Power handling	
AES Power:	100 watts
Program Power:	200 watts
Peak Power:	400 watts

Voice Coil	
Diameter:	3 in.
Winding wire:	CCAR
Former:	kapton

T/S Parameters	
Resonant frequency:	800 Hz
Nominal sensitivity	111 dB
Re:	5.9 ohm
Le:	n/a mH

Design details	
Dome Material:	Titanium
Surround material:	Titanium
Magnet material:	Neodymium
Overall diameter:	130 mm
Bolt circle diameter:	102 mm
Throat diameter:	36mm mm
Number of mounting holes:	4
Depth (front to rear):	57 mm
Net weight:	2.9kg

Ordering codes:

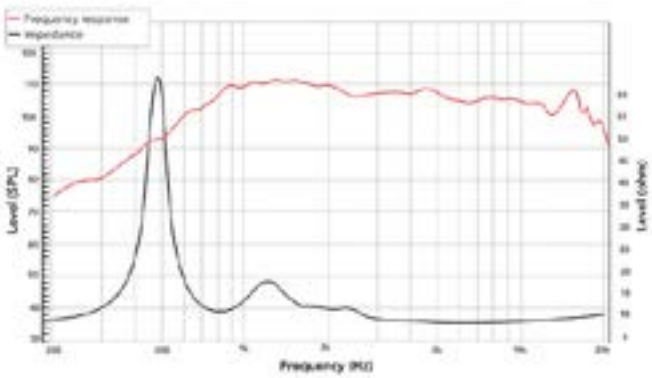
200NTIX-043

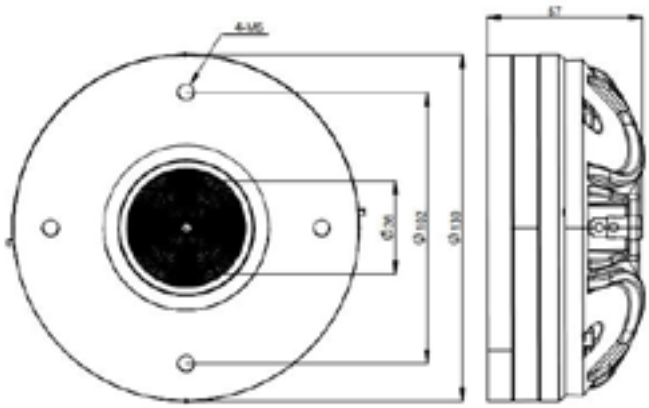
Recone kits:

RC200NTIX-043

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