

12" 123FPM

Mid-Woofer



Key features:

- EXTENDED FREQUENCY RESPONSE
- RIB REINFORCED PAPER CONE
- HIGH POWER HANDLING

Design notes:

The 123FPM is a high efficiency, (98 dB 1watt / 1 meter) 12-inch mid bass woofer with incredibly linear frequency response characteristics. The 123FPM uses a lightweight rib-reinforced cone assembly along with a precision double roll constant geometry surround. This combination provides remarkable strength, high efficiency and a

excursion linearity of 10.2mm.

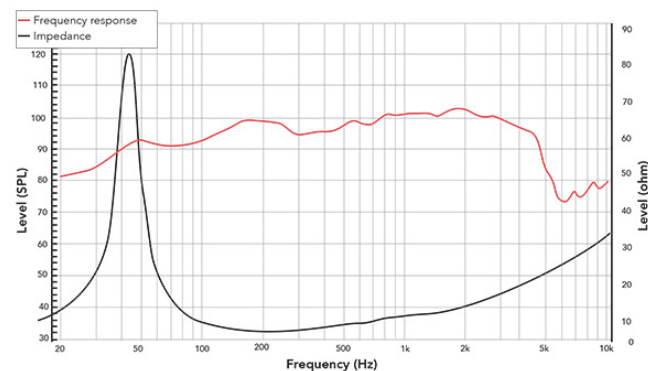
Magnetic Circuit
REDCATT engineers have developed a lightweight, inside-neodymium slug based magnetic circuit capable of delivering the highest level of performance providing a

consistent, high integrity magnetic flux gap, ultra low distortion characteristic and high efficiency cooling system. The magnetic circuit design is optimized to generate the minimum amount of flux modulation, providing exceptional stability.

Specifications:

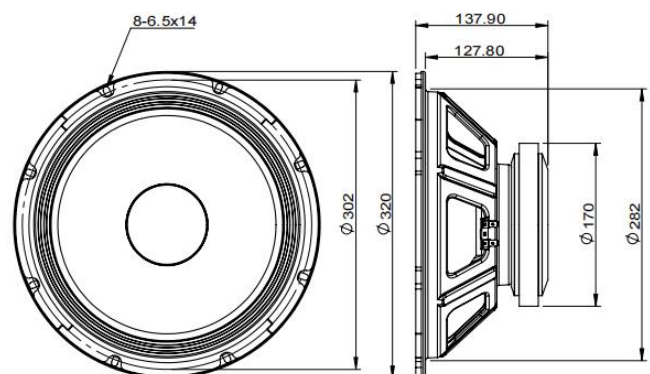
General specs	T/S Parameters	Design details	Ordering codes:
Nominal Diameter: 12"	Resonant frequency: 45 Hz	Surround Material: fabric	DR-12-020-4R-B2-C0001
Rated Impedance: 4 ohm	Re: 3.1 ohm	Cone material: Paper GF	Legacy code: 123FPMX4-188B
Power handling	Qes: 0.29	Spider: Nomex	Recone kits:
AES Power: 300 watts	Qms: 4.96	Plate thickness: 8 mm	RC123FPMX4-188B
Program Power: 600 watts	Qts: 0.27	Overall diameter: 320 mm	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.
Peak Power: 1200 watts	Vas: 98.5 liters	Bolt circle diameter: 302 mm	
Voice Coil	Sd: 531 cm²	Baffle cutout dia.: 282 mm	
Diameter: 63.5 mm	Sensitivity: 97.75 dB	Mounting holes: 8	
Winding wire: CCAW	Mms: 52.1 grams	Depth: 127.8 mm	
Former: Glass Fiber	Bl: 12.8	Net weight: 5 kg	
Winding height: 13.5 mm	Le: 0.42 mH		

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



info@redcatt.net

www.redcatt.net