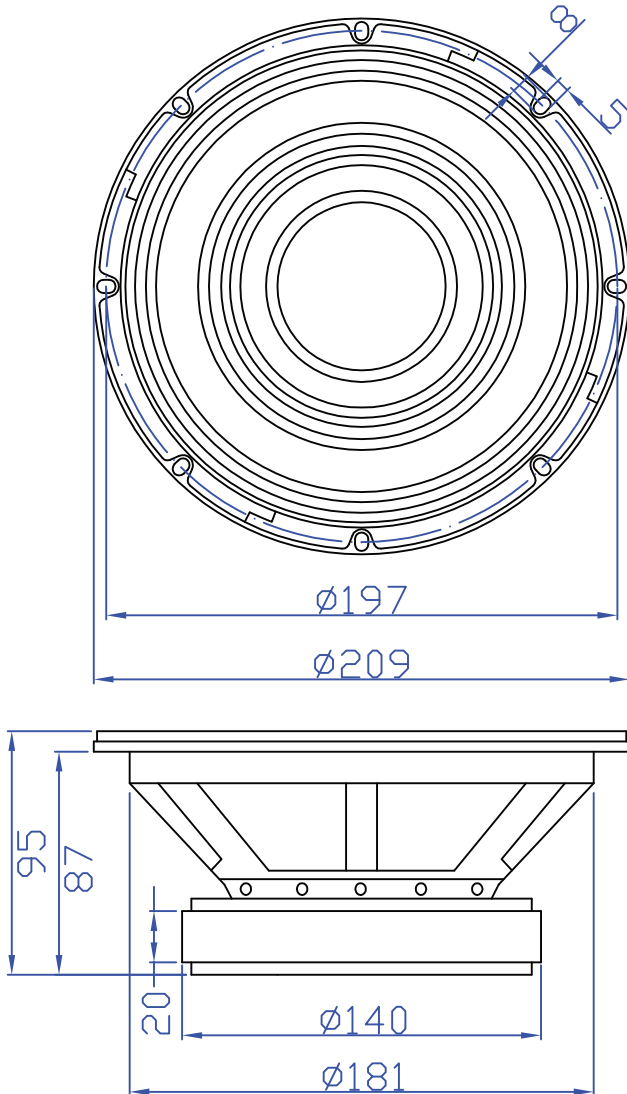




# 8PT-8

## 8" Professional Midbass

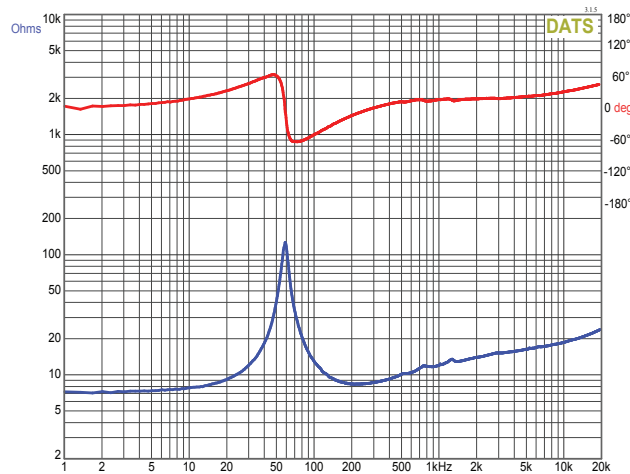
### MECHANICAL DRAWING



### FEATURES

- Lightweight ribbed paper cone allows high efficiency with minimal resonance
- Smooth on and off axis response up to 3,000 Hz for use in high output 2 or 3-way designs
- Extensive venting keeps cool air flowing across the voice coil to minimize power compression
- Inductance lowering copper cap reduces distortion and extends high frequency response
- Spring-loaded push-button terminals makes wire connections quick and easy
- Foam front gasket ensures an airtight seal for rear mount installations

### IMPEDANCE/PHASE

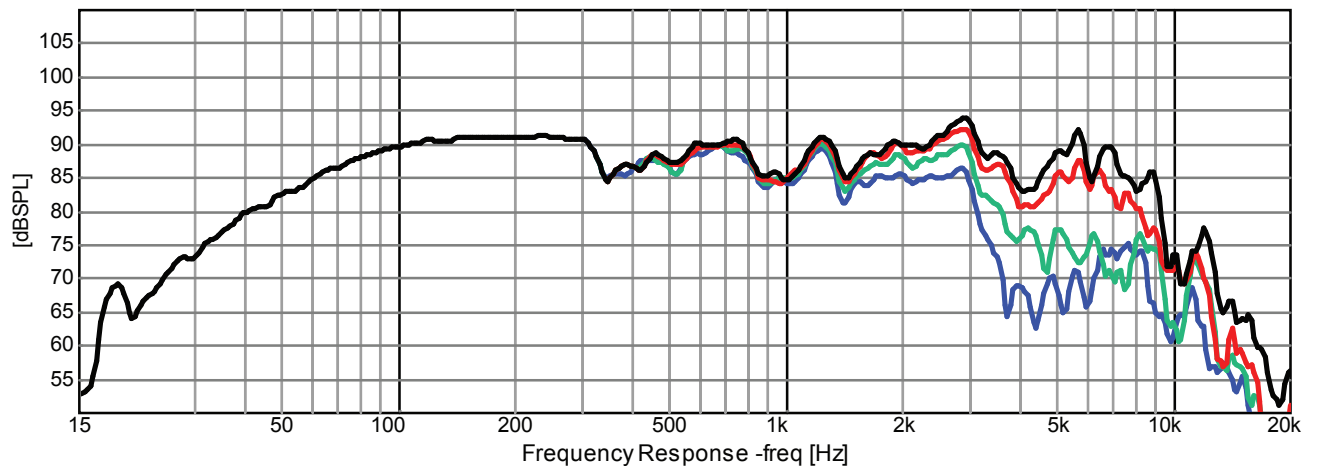


### PARAMETERS

Impedance	8 ohms
Re	7.1 ohms
Le	1.5 mH
Fs	59 Hz
Qms	9.93
Qes	0.59
Qts	0.55
Mms	23 g
Cms	0.31 mm/N
Sd	212.6 cm <sup>2</sup>
Vd	138.2 cm <sup>3</sup>
BL	10.2 Tm
Vas	20.2 liters
Xmax	7.0 mm*
Top Plate Height	6 mm
Voice Coil Length	16 mm
VC Diameter	50.8 mm
SPL	92 @ 2.83V/1m
RMS Power Handling (AES 426B)	150 watts
Usable Frequency Range (Hz)	55 - 9,000 Hz

$$* X_{max} = \left[ \frac{\text{Voice Coil Length} - \text{Top Plate Height}}{2} \right] + 1/3 \text{ Top Plate Height}$$

### FREQUENCY RESPONSE



OmniMic

Note: 1/24<sup>th</sup> octave smoothing - nearfield response included in graph below 450 Hz.