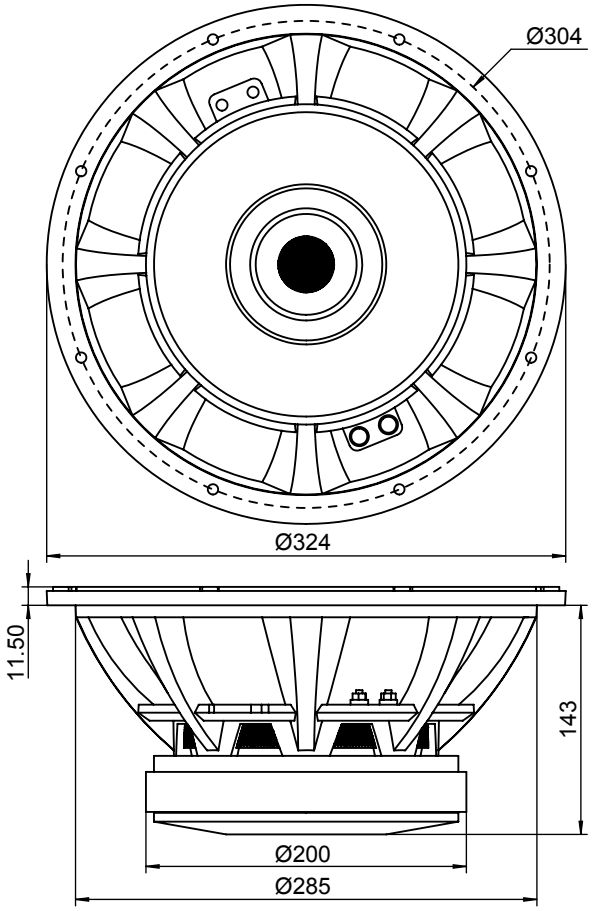
12" Professional Woofer 8 Ohm

ODEUM Apollo 12LF

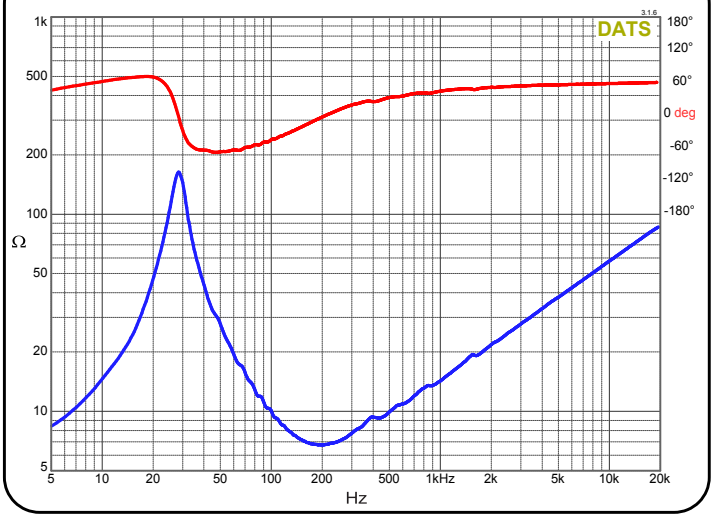


PARAMETERS

Impedance	8 ohms
Re	6.7 ohms
Le	1.47 mH @ 1kHz
Fs	28 Hz
Qms	5.19
Qes	0.22
Qts	0.21
Mms	88.3g
Cms	0.37 mm/N
Sd	533 cm²
Vd	493 cm³
BL	21.8 Tm
Vas	147.8 liters
Xmax	9.25 mm*
Magnetic Gap Height	9.5 mm
VC Diameter	78 mm
VC Winding Height	28 mm
SPL	94.5 dB @ 2.83V/1m
RMS Power Handling (AES 426B)	400 watts
Usable Frequency Range (Hz)	30 - 1,500 Hz

$$* \text{Xmax} = \frac{\text{VC Winding Height - Magnetic Gap Height}}{2}$$

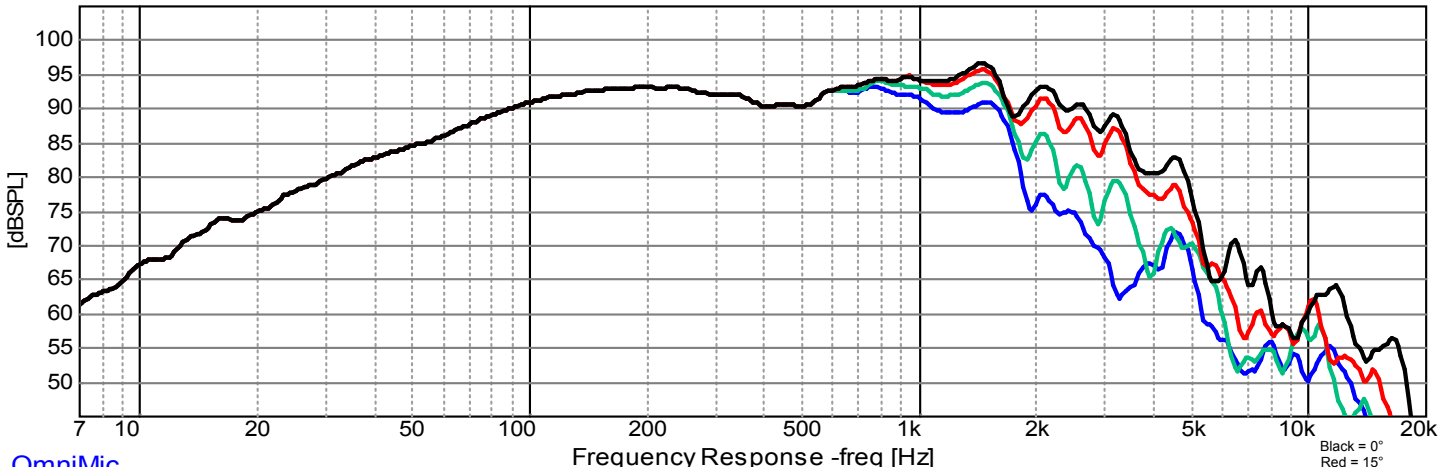
IMPEDANCE/PHASE



FEATURES

- Powerful Y35 grade ferrite motor for increased control and efficiency
- Raised pole piece for a more symmetrical Bl field
- Treated paper cone for strength and durability in the elements
- Progressive-roll spider for better cone control under high excursions
- Inside-outside wound 3" voice coil on fiberglass former lends solid power handling capability
- Excessive venting for reduced power compression
- Over 9mm linear one-way Xmax for increased output at lower frequencies

FREQUENCY RESPONSE



Note: 1/24th octave smoothing - near field response included in graph below 450 Hz.