



EPA-C3018

18" High power subwoofer for ported PA enclosures and sealed bass guitar cabinets.



SPECIFICATION

Nominal Basket Diameter	18", 457 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	425 W
Music Program	850 W
Resonance	29 Hz
Usable Frequency Range	40 Hz – 1 kHz
Sensitivity***	97.7 dB
Magnet Weight	80 oz.
Gap Height	0.39", 9.9 mm
Voice Coil Diameter	3", 76 mm

THIELE & SMALL PARAMETERS*

Fs	29 Hz
Re	5.7 Ω
Le	1.16 mH
Qms	6.43
Qes	0.43
Qts	0.4
Vas	18.42 cu.ft., 521.72 liters
Vd	538.3 cc
Cms	0.27 mm/N
BL	16.6 T-M
Mms	114 grams
EBP	67
Xmax	4.6 mm
Sd	1178 cm ²
Xlim	9.5 mm

MOUNTING INFORMATION

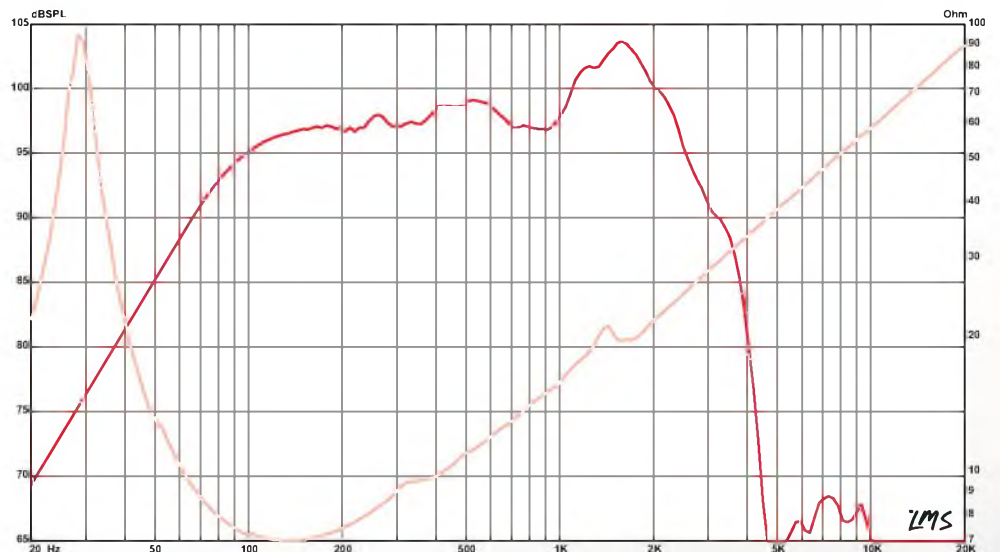
Recommended Enclosure Volume	
Sealed	85–156 liters, 3–5.5 cu.ft.
Vented	113–244 liters, 4–8.6 cu.ft.
Driver Volume Displaced	0.234 cu.ft., 6.62 liters
Overall Diameter	18", 457.2 mm
Baffle Hole Diameter	16.6", 421.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	17.25", 438.2 mm
Depth	7.6", 193 mm
Net Weight	19.64 lbs, 8.91 kg
Shipping Weight	23.59 lbs, 10.7 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented core, bumped backplate
- Cast aluminum basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 15 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.