

8151-8

18" Subwoofer — 2400W — 96dB SPL



TECHNICAL PARAMETERS		THIELE — SMALL PARAMETERS		CONSTRUCTION	
Nominal Impedance	8.0Ω	Fs	26Hz	Basket Construction	Diecast Aluminum
Minimum Impedance	5.0Ω	Re	5.0Ω	Nominal Diameter	18.0in (457mm)
AES Power ⁽¹⁾	1200W	Qes	0.38	Nominal Volume	200in ³ (3.3 x 10 ⁻³ m ³)
Continuous Power ⁽²⁾	2400W	Qms	5.8	Overall Diameter	18.2in (462mm)
Sensitivity (1W/1m) ⁽³⁾	96.0 dB SPL	Qts	0.36	Bolt Circle Diameter	17.5in (444.5mm)
Frequency Range ⁽⁴⁾	25Hz - 250Hz	Vas	330 x 10 ⁻³ m ³	Baffle Cutout Diameter	16.9in (429mm)
Voice Coil Diameter	4.0in (102mm)	Sd	122 x 10 ⁻³ m ²	Depth	10.5in (267mm)
Winding Material	Edgewound Aluminum	Mms	245 x 10 ⁻³ kg	Flange Thickness	0.7in (18mm)
Former Material	Nomex over Aramid Fiber	Bl	23 T·m	Net Weight (ea)	22lbs (10kg)
Winding Depth ⁽⁵⁾	1.5in (38.1mm) x 2	Le	1.4 x 10 ⁻³ H	Standard Package	2
Magnetic Gap Depth	0.3in (7.62mm) x 2	Mmd	197 x 10 ⁻³ kg	Shipping Weight (ea)	25lbs (11.3kg)
Flux Density	1.2T	Cms	155 x 10 ⁻⁶ m/N	Shipping Dimensions (ea)	22x22x14in (559x559x356mm)
Magnet Type	NdFeB I/D Ring	Rms	6.9 N·s/m		
Motor Architecture ⁽⁶⁾	Balanced Dual Gap	Xmax	17 x 10 ⁻³ m		
Surround Type	Triple-Roll Polycotton	Xdamage	Self-limiting		
Spider Type	9in Sinewave Laminated				
Cone	174 Ribbed w/ 5in Dustcap				
Cone Treatment	Epoxy Resin Reinforced				
Electrical Termination	0.25in (6.3mm) Spade				

NOTES

- (1) 2 hour test conducted with band limited continuous pink noise. (AES2-2012)
- (2) Recommended amplifier power for typical program material.
- (3) Measured at 2.83 Vrms in 8Ω Nominal load.
- (4) Recommended minimum 24dB/oct slope.
- (5) Series wound dual voice-coil.
- (6) Dual pole design with integrated demodulation ring, heatsink, and venting.

