

# 8141-8

15" Subwoofer — 1050W — 97dB SPL



TECHNICAL PARAMETERS		THIELE — SMALL PARAMETERS		CONSTRUCTION	
Nominal Impedance	8.0 $\Omega$	Fs	32 Hz	Basket Construction	Diecast Aluminum
Minimum Impedance	6.4 $\Omega$	Re	5.6 $\Omega$	Nominal Diameter	15.0in (381mm)
AES Power (1)	525 W	Qes	0.250	Nominal Volume	100in <sup>3</sup>
Continuous Power (2)	1050 W	Qms	6.87	Overall Diameter	15.375in (390mm)
Sensitivity (1W/1m) (3)	97.0 dB SPL	Qts	0.242	Bolt Circle Diameter	14.68in (372.9mm)
Frequency Range (4)	30Hz - 500Hz	Vas	178.6 x 10 <sup>-3</sup> m <sup>3</sup>	Baffle Cutout Diameter	14.06in (357.1mm)
Voice Coil Diameter	4.0in (102mm)	Sd	88.96 x 10 <sup>-3</sup> m <sup>2</sup>	Depth	6.45in (164mm)
Winding Material	Edgewound Aluminum	Mms	155.1 x 10 <sup>-3</sup> kg	Flange Thickness	0.6in (15.2mm)
Former Material	Nomex over Aramid Fiber	Bl	26.5 T·m	Net Weight (ea)	11.5lbs (5.21kg)
Winding Depth (5)	0.9in (18mm) x 2	Le	1.05 x 10 <sup>-3</sup> H	Standard Package	12
Magnetic Gap Depth	0.2in (5mm) x 2	Mmd	124.8 x 10 <sup>-3</sup> kg	Shipping Weight (ea)	15lbs (6.8kg)
Flux Density	1.15T	Cms	158.0 x 10 <sup>-6</sup> m/N	Shipping Dimensions (ea)	18x18x7.75in (460x460x200mm)
Magnet Type	NdFeB I/D Ring	Rms	4.56 N·s/m	<b>NOTES</b> (1) 2 hour test conducted with band limited continuous pink noise. (AES2-2012) (2) Recommended amplifier power for typical program material. (3) Measured 2.83 Vrms pink noise 20Hz - 20kHz. (4) Recommended minimum 24dB/oct slope. (5) Series wound dual voice-coil. (6) Dual pole design with integrated demodulation ring, heat sink, and venting.	
Motor Architecture (6)	Balanced Dual Gap	Xmax	10.6 x 10 <sup>-3</sup> m		
Surround Type	Santoprene	Xdamage	20.32 x 10 <sup>-3</sup> m		
Spider Type	9in Sinewave				
Cone	6240 Ribbed w/ 5in Dustcap				
Cone Treatment	Wetlook				
Electrical Termination	0.25in (6.3mm) Spade				

