

18SW2400

Professional Low Frequency Driver



KEY FEATURES

- 2400 Watts Continuous Program Power
- 97 dB Sensitivity
- 45 - 2,200 Hz of frequency response

GENERAL SPECIFICATIONS

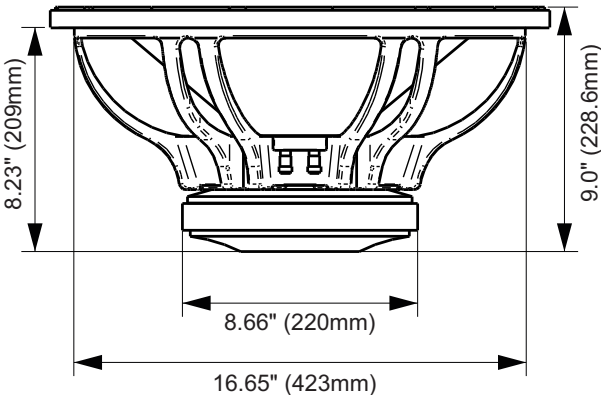
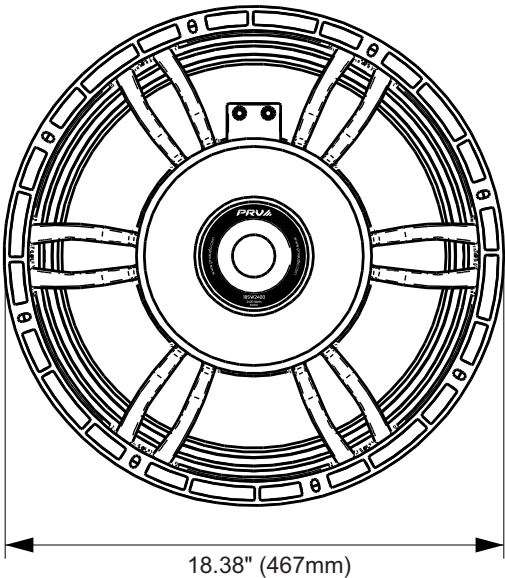
Nominal Diameter	18" (457 mm)
Nominal impedance	8 Ohm
Nominal Power Handling	1200 Watts
Continuous Program Power (RMS)	2400 Watts
Max Peak Power	4800 Watts
Sensitivity 2.83V at 1m	97 dB
Recommended Hi Pass Crossover*	50 Hz*
*For Full Power Handling	*12db Per Octave Crossover
Frequency Response	45 - 2,200 Hz
Voice Coil Diameter	4" (101 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	31.0 mm
Former Material	Glass Fiber
Magnetic Gap Depth	12.0 mm
Frame Material	Die cast Aluminum

THIELE-SMALL PARAMETERS

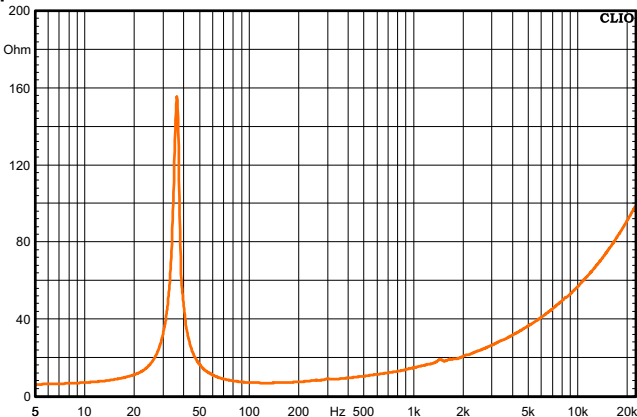
Equivalent Volume	Vas	192.8 l
Excursion (mathematical)***	Xmax	12.5 mm
Free Air Resonance	Fs	36.3 Hz
Mechanical Factor	Qms	15.57
Electrical Factor	Qes	0.58
Total Factor	Qts	0.56
Cone Area	Sd	1290 cm ²
Mechanical Mass	Mms	231.2 g
Bl Factor	BL	22.5 Tm
Dc Resistance	Re	5.6 Ohm
Inductance	Le	1.54 mH at 1 kHz
Mechanical Mass Without Air	Mmd	205.0 g
Mechanical Compliance	Cms	0.083 mm/N

EXTRA INFO

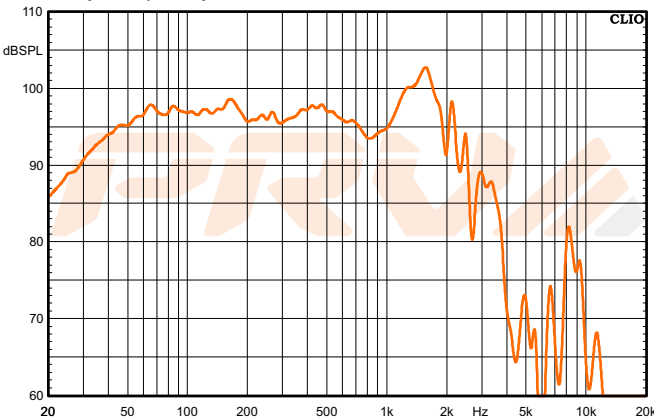
Overall Diameter	18.38" (467 mm)
Front Mount Baffle Cutout	16.65" (423 mm)
Mounting Depth	8.23" (209 mm)
Overall Depth	9.0" (228.6 mm)
Net Weight	28.0 Lb (12.7 kg)
Shipping Weight	31.75 Lb (14.4 kg)
Carton Dimensions W x L x H	19.5" x 19.5" x 10.6" (495 x 495 x 270 mm)



Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



**Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4
*** T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test