



DS18 PSW10.4D 10 Inch Dual Voice Coil Shallow Subwoofer Owner's Manual

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SPECIFICATIONS

Nominal Diameter:	10" / 254 mm
Nominal Impedance:	4+4 OHMS
RMS Power Handling:	500 Watts
MAX Power Handling:	1000 Watts
Sensitivity (1w/1m) :	84 Db
Frequency Response :	20-800 Hz
Recommended Lo Pass Crossover:	90 Hz

MOTOR

Voice Coil Diameter	2.5" / 63.5 mm
VC Former Material:	Aluminum
Winding Material:	Copper
Cone Material :	Water Resistant PPI
Surround Material :	Rubber
Basket Material :	Steel
Basket Color:	Matte Black
Magnet Material :	Ferrite
Magnet Weight:	58 Oz
Displacement Volume:	0.8 L / 0.028 ft3

THIELE & SMALL PARAMETERS

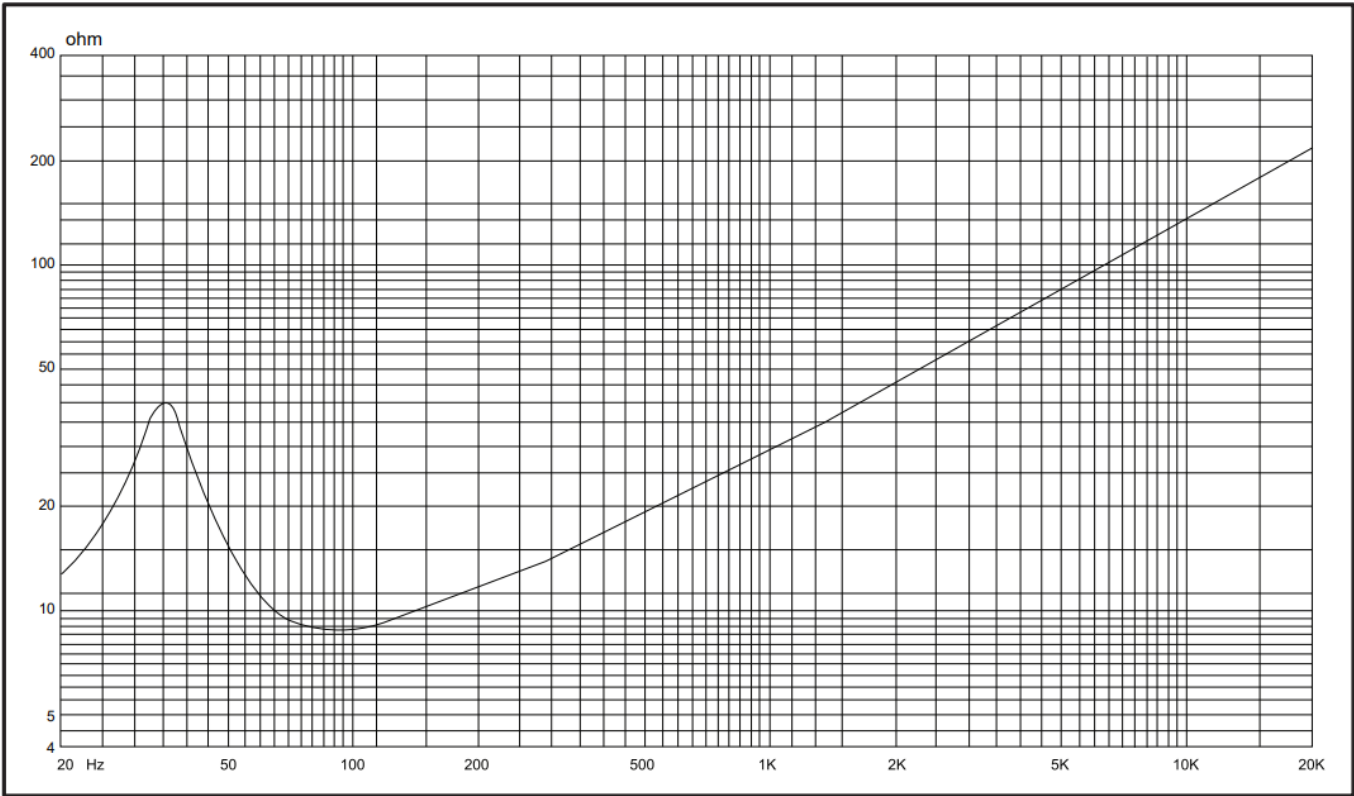
Equivalent Volume	Vas	25.6 L / 0.9 ft ³
Excursion (one way)	Xmax	9.5 mm
Free Air Resonance	Fs	32 Hz
Mechanical Factor	Qms	3.612
Electrical Factor	Qes	0.76
Total Factor	Qts	0.63
Moving Mass	Mms	154 g
Compliance	Cms	0.161 mm/N
BI Factor	BI	8.57
Voice Coil Inductance	Le	2.1 mH
Diaphragm Area	Sd	336.54 cm ²
DC Resistance	Re	3.6 + 3.6 OHMS
Efficiency Bandwidth Product	EBP	42

RECOMMENDED ENCLOSURE

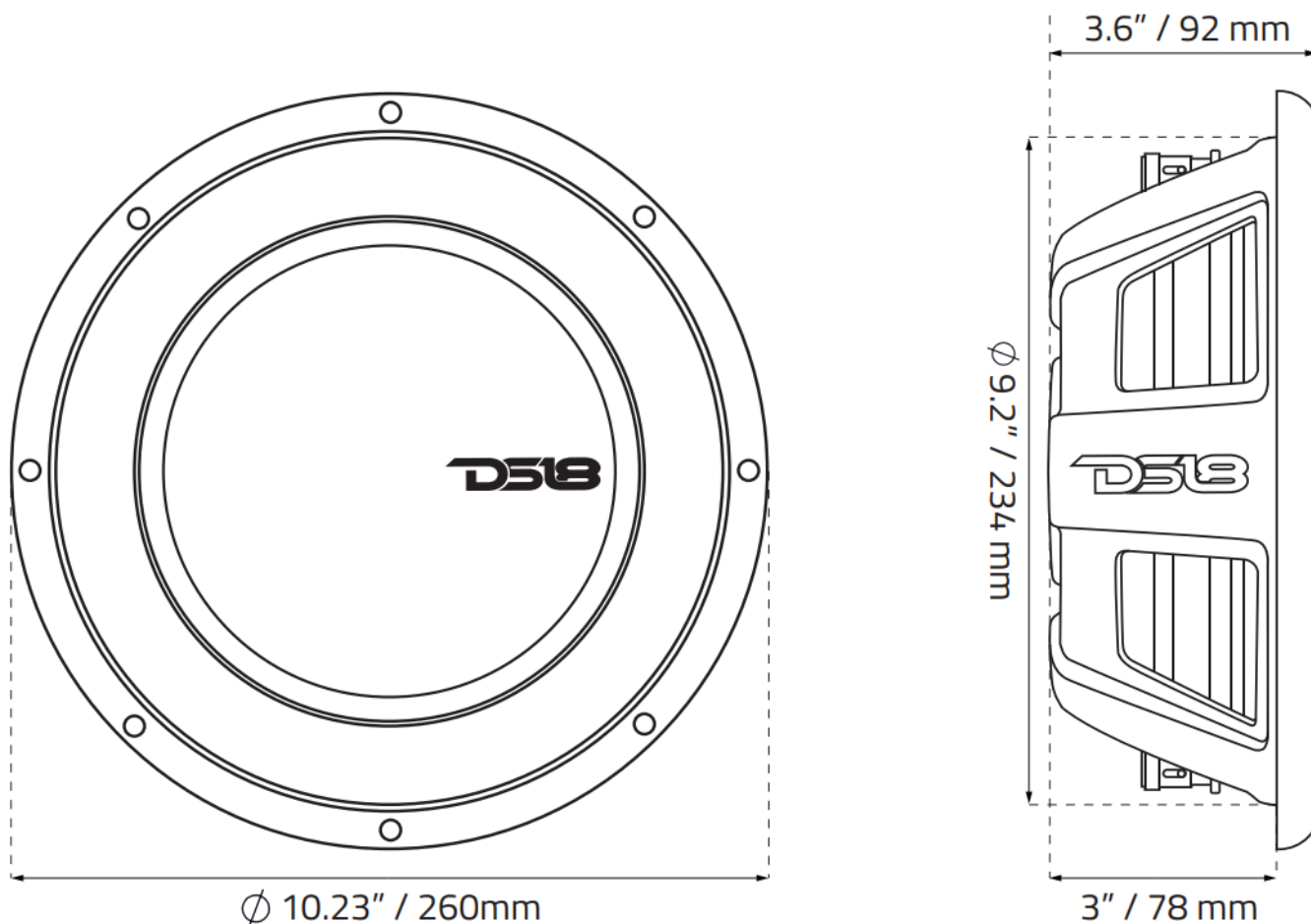
Sealed Internal Volume (minimum)	14.2 L / 0.5 ft3
Sealed Box Output Response (F3)	44 Hz

MEASUREMENT

Overall Diameter	10.23" / 260 mm
Overall Depth	3.6" / 92 mm
Front Mount Baffle Cutout	9.2" / 234 mm
Mounting Depth	3" / 78 mm
Motor Diameter	6.5" / 165 mm



MEASUREMENTS



WARRANTY

Please visit our website DS18.com for more information on our warranty policy. We reserve the right to change products and specifications at any time without notice. Images may or may not include optional equipment.

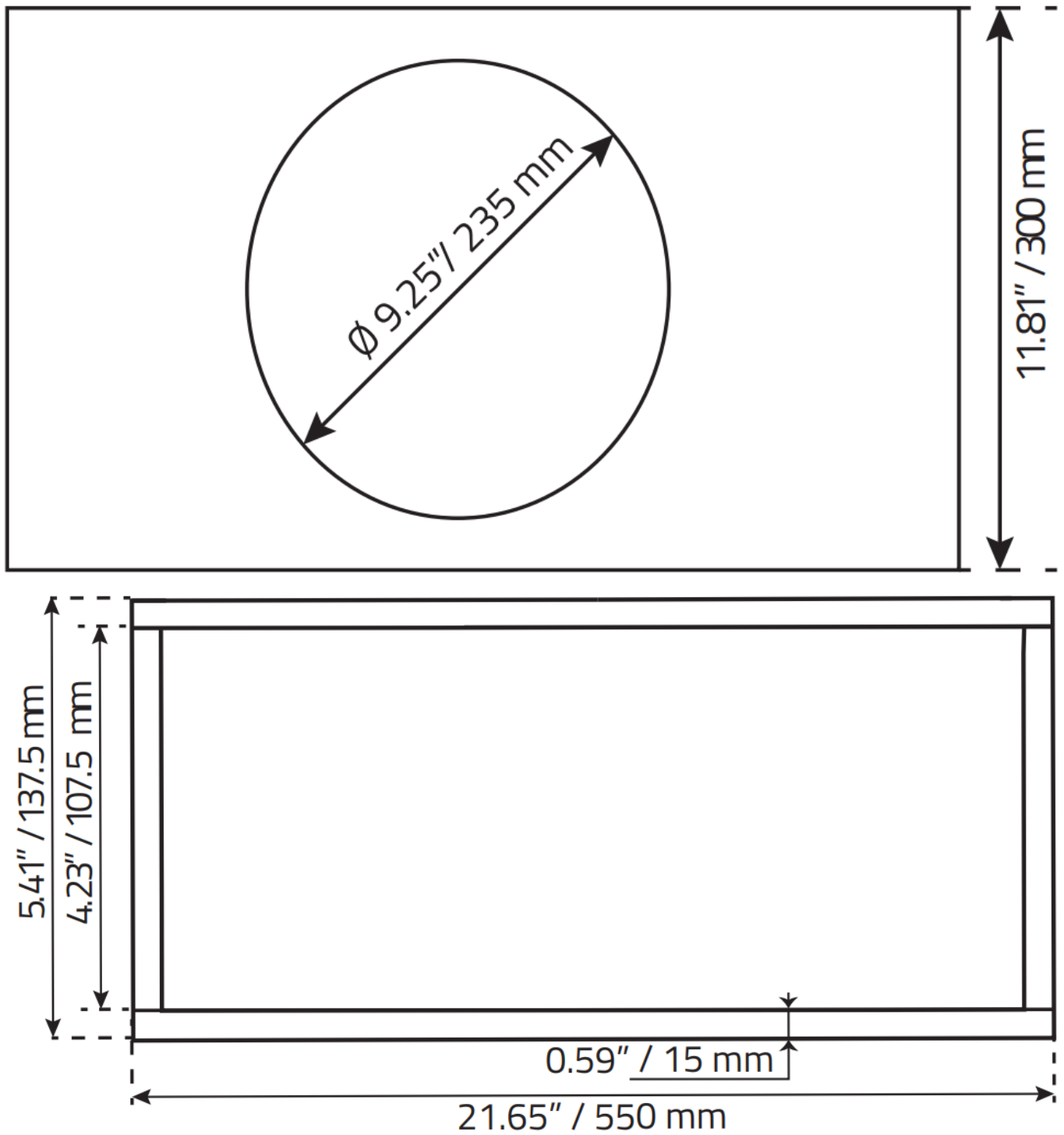


WARNING:

Cancer and Reproductive Harm.

www.P65Warning.ca.gov

Recommended Box Dimension



PARAMETERS

- Box External Dimensions
(WxHxD): 21.65" x 11.81" x 5.41" /
550 mm x 300 mm x 137.5 mm
- Material Thickness: 1/2" / 15 mm
- Net Internal Volume: 14.2L / 0.5ft³

WOOD CUTS: QTY

- Top – Bottom
(WxH): 21.65" x 5.41" / 550 x 137.5 mm 2

- Front – Rear
(WxH): 21.65" x 10.63" / 550 x 270 mm 2
- Left – Right
(WxH): 4.23" x 10.63" / 107.5 x 270 mm 2



Documents / Resources

	DS18 PSW10.4D 10 Inch Dual Voice Coil Shallow Subwoofer [pdf] Owner's Manual PSW10.4D 10 Inch Dual Voice Coil Shallow Subwoofer, PSW10.4D, 10 Inch Dual Voice Coil Shallow Subwoofer, Dual Voice Coil Shallow Subwoofer, Coil Shallow Subwoofer, Shallow Subwoofer
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References

-  [Official DS18 Pro Audio Store - Speakers, Subwoofers, Amps & More!](#)