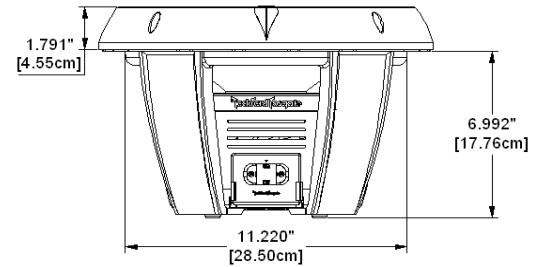
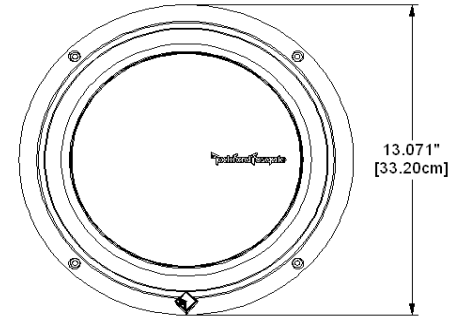


**Model:** T1D412

**Type:** Subwoofer

**Power Rating:** 600 watts

**Impedance:** 2 or 8 ohm



**Features**

- VAST™ Patent-pending surround technology
- Symmetrical dual progressive roll tear resistant poly-cotton spiders
- Periodic-stitched fatigue resistant tinsel lead wire
- Proprietary 8 AWG insulated all-metal input spring terminal connection
- 3" ultra-high temperature CCAW DVC w/ spun-laced Nomex collar and Al. former
- SWIFT™ Input connection (Selectable Woofer Impedance Fused Termination)
- IDHS™ Inductive Damping Heat Sink
- Optimized and matched magnetic and compliance geometry
- Anodized aluminum heat sinking dust cap
- Ultra low mass, high strength Kevlar fiber re-inforced paper cone
- Rigid die-cast aluminum frame with optimized pole and spider venting

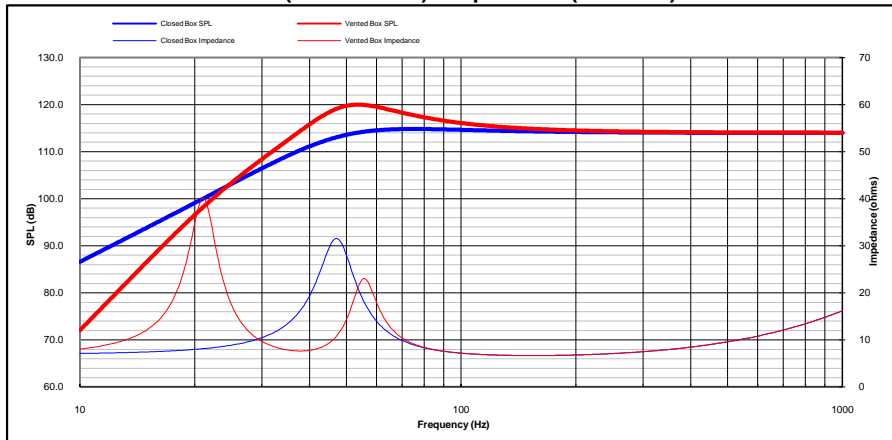
**Recommended Applications**

Enclosure	Volume (Vb)		Tuning(Fb)	System (Qtc)	-3dB (F3)	Port Dia.		Port Length	
	Liters	cu.ft.	Hz		Hz	in.	mm	in.	mm
Sealed:	35.4	1.25	39.4	0.89	39.6	-	-	-	-
Ported:	49.6	1.75	40.1	-	33.2	4.0	101.6	9.0	229

**Thiele-Small Specifications**

- Fs (Hz): 29.2
- Re (Ohms): 6.50
- Le (mH): 2.4
- Qts: 0.61
- Qes: 0.71
- Qms: 4.50
- Cms (mm/N): 0.13
- Vas (L): 55.8
- Mms (g): 228.0
- Mmd (g): 220.6
- Rms (kg/s): 9.3
- Airload (g): 7.4
- No (%): 0.19
- SPL (dB - 1W/1M): 85.0
- BL (T\*M): 19.6
- \*Xmax<sub>10</sub> (mm): 16.0
- Sd (cm<sup>2</sup>): 548
- EBP: 41.13
- Krm (mOhms): 40.50
- Erm: 0.75
- Kxm (mH): 222.0
- Exm: 0.51
- Rem (Ohms): 28.58

**SPL (at 800 Watts) / Impedance (at 1 Watt)**



**Technical Specifications**

Voice Coil Diameter:	3.0	75.499	inches   mm
Voice Coil Height:	1.69	42.8	inches   mm
Voice Coil Layers:	4		layers
Magnetic Gap Height:	0.39	10.0	inches   mm
Linear Excursion, pk-pk (Xmax):	1.29	32.8	inches   mm
Maximum Excursion, pk-pk:	2.36	60.0	inches   mm
Magnet Weight:	123	3.48	oz.   kg
Woofer Displacement:	2.8	0.099	liters   cubic ft.
Net Weight:	26	11.8	lbs.   kg
Power Rating:	800	1600	RMS   Peak

\* All parameters are derived using a laser velocity measurement method and verified with actual measured Mmd and Re. All dual voice coil models are wired in series. Xmax<sub>10</sub> represents actual effective excursion at <10% THD.