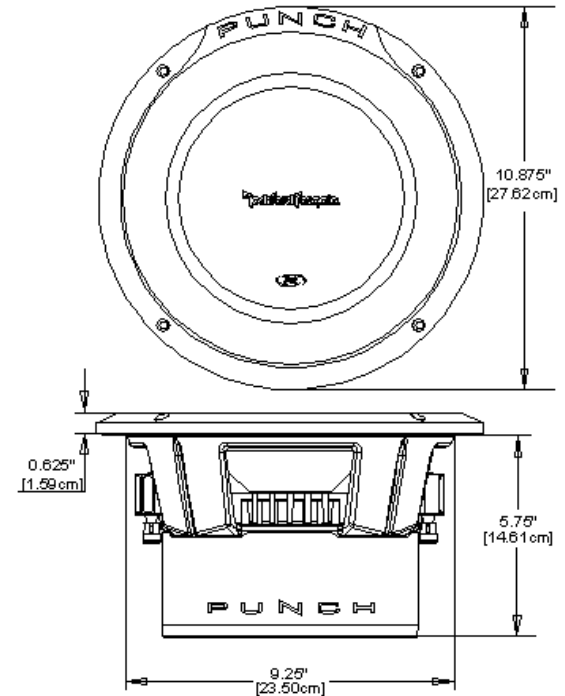


**Model:** P2D410

**Type:** DVC Subwoofer

**Power Rating:** 250 Watts

**Impedance:** (2) x 4 ohms



**Features**

- High modulus closed conical cone and ABS/Acrylic dustcap assembly.
- Mineral-filled polypropylene thermo-formed cone.
- Tear & fatigue resistant poly-cotton spider.
- High density compressed half-roll sealed poly-foam surround.
- High temp voice coil with spun-laced Nomex™ insulating reinforcement collar.
- Optimized motor magnetics with extended pole and bumped backplate.
- Double stack ferrite magnet structure.
- Fatigue resistant and reduced strain "stitched on" flexible lead wire design.
- Multi-point high-temp/high-strength neck joint bonding technique.
- Rigid compound bend 16 gauge cold-rolled stamped steel frame.
- Custom insulated/isolated compression input terminal assembly.
- Proprietary "Venturi effect" venting/cooling technique.
- Diamond-cut cast aluminum motor cover for improved heat dissipation.

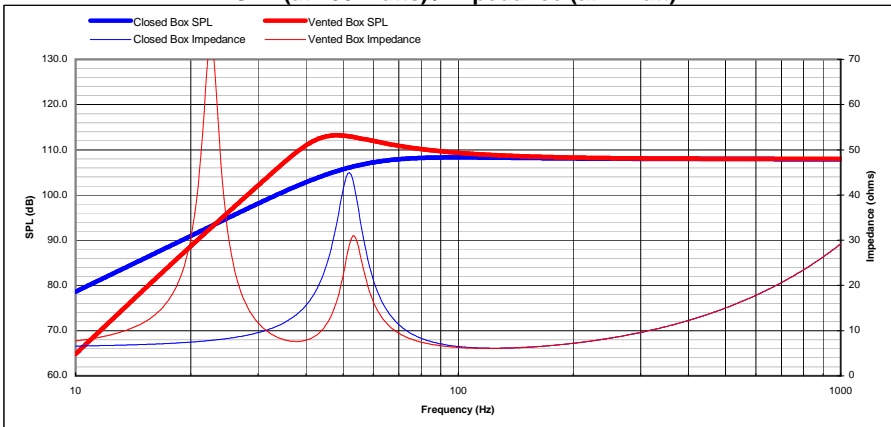
**Recommended Applications**

Enclosure	Volume (Vb)		Tuning(Fb)	System (Qtc)	-3dB (F3)	Port Dia.		Port Length	
	Liters	cu.ft.	Hz		Hz	in.	mm	in.	mm
Sealed:	16.7	0.59	46.6	0.82	46.7	-	-	-	-
Ported:	39.6	1.40	40.1	-	32.7	4.0	101.6	14.0	355.6

**Thiele-Small Specifications**

- Fs (Hz): 30.0
- Re (Ohms): 5.90
- Le (mH): 4.6
- Qts: 0.51
- Qes: 0.54
- Qms: 9.20
- Cms (m/N): 0.20
- Vas (L): 32.6
- Mms (g): 137.2
- Mmd (g): 133.6
- Rms (kg/s): 2.8
- Airload (g): 3.6
- No (%): 0.16
- SPL (dB - 1W/1M): 84.0
- BL (T\*M): 17.0
- \*Xmax<sub>10</sub> (mm): 13.2
- Sd (cm<sup>2</sup>): 340
- EBP: 56
- Krm (mOhms): 1.36
- Erm: 1.16
- Kxm (mH): 114.1
- Exm: 0.65
- Rem (Ohms): 34.63

**SPL (at 250 Watts) / Impedance (at 1 Watt)**



**Technical Specifications**

Voice Coil Diameter:	2	50.8	inches   mm
Voice Coil Height:	1.26	32.0	inches   mm
Voice Coil Layers:	4		layers
Magnetic Gap Height:	0.394	10.0	inches   mm
Linear Excursion, pk-pk (Xmax):	0.433	11.0	inches   mm
Maximum Excursion, pk-pk:	1.97	50.0	inches   mm
Magnet Weight:	56	1.59	oz.   kg
Woofer Displacement:	1.47	0.052	liters   cubic ft.
Net Weight:	12.5	5.7	lbs.   kg
Power Rating:	250	500	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.