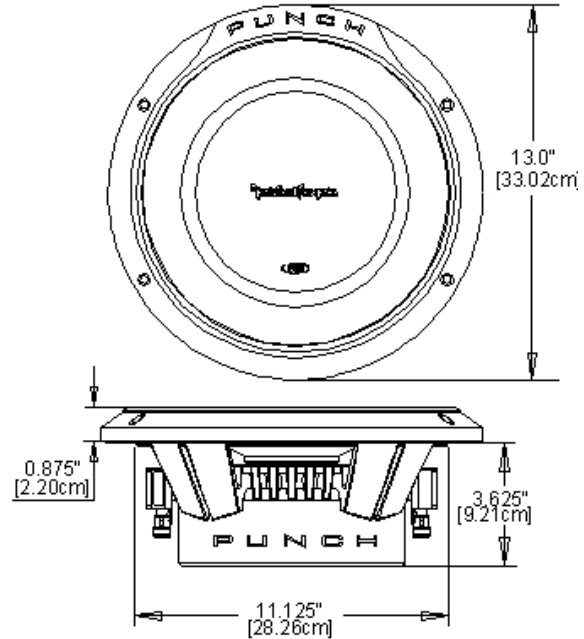


**Model:** P3SD412

**Type:** DVC Subwoofer

**Power Rating:** 400 Watts

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



**Features**

- High modulus closed conical cone and ABS/Acrylic dustcap assembly.
- Kevlar fiber reinforced semi-pressed paper 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 vented backplate.
- Fatigue resistant and reduced strain "stitched on" flexible lead wire design.
- Multi-point high-temp/high-strength neck joint bonding technique.
- Rigid die-cast aluminum low profile frame.
- Semi-flexible PVC removable protective motor cover.
- Custom insulated/isolated compression input terminal assembly.
- Proprietary spider venting/cooling technique.
- Spherically vented motor / coil cooling design.

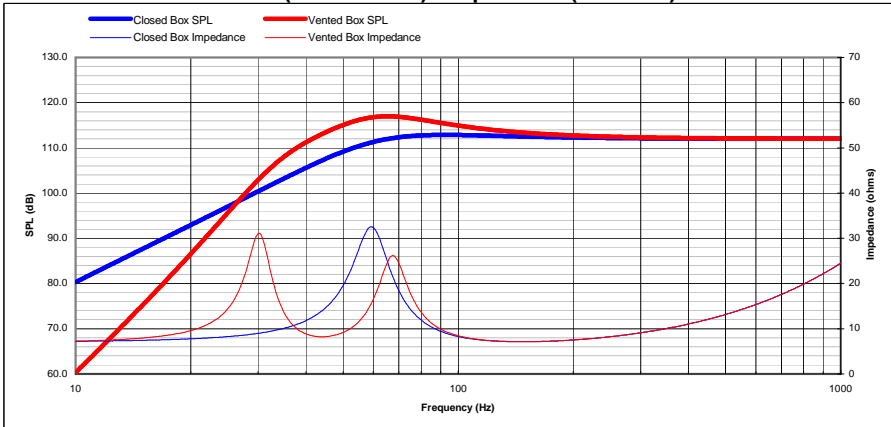
**Recommended Applications**

Enclosure	Volume (Vb)		Tuning(Fb)	System (Qtc)	-3dB (F3)	Port Dia.		Port Length	
	Liters	cu.ft.	Hz		Hz	in.	mm	in.	mm
Sealed:	28.3	1.00	49.2	0.91	49.4	-	-	-	-
Ported:	35.4	1.25	45.5	-	36.3	4.0	101.6	12.0	304.8

**Thiele-Small Specifications**

- Fs (Hz): 45.0
- Re (Ohms): 6.80
- Le (mH): 3.8
- Qts: 0.74
- Qes: 0.88
- Qms: 4.60
- Cms (m/N): 0.07
- Vas (L): 21.0
- Mms (g): 172.1
- Mmd (g): 166.1
- Rms (kg/s): 10.7
- Airload (g): 5.6
- No (%): 0.25
- SPL (dB - 1W/1M): 86.0
- BL (T\*M): 19.4
- \*Xmax<sub>10</sub> (mm): 10.8
- Sd (cm<sup>2</sup>): 450
- EBP: 51
- Krm (mOhms): 1.77
- Erm: 1.10
- Kxm (mH): 138.4
- Exm: 0.58
- Rem (Ohms): 26.67

**SPL (at 400 Watts) / Impedance (at 1 Watt)**



**Technical Specifications**

Voice Coil Diameter:	2.5	63.5	inches   mm
Voice Coil Height:	1.023	26.0	inches   mm
Voice Coil Layers:	4		layers
Magnetic Gap Height:	0.315	8.0	inches   mm
Linear Excursion, pk-pk (Xmax):	0.354	9.0	inches   mm
Maximum Excursion, pk-pk:	1.77	45.0	inches   mm
Magnet Weight:	51	1.45	oz.   kg
Woofer Displacement:	2.01	0.071	liters   cubic ft.
Net Weight:	12.6	5.7	lbs.   kg
Power Rating:	400	800	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.