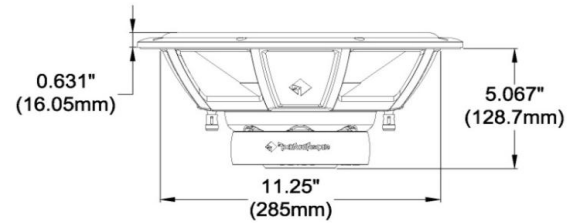
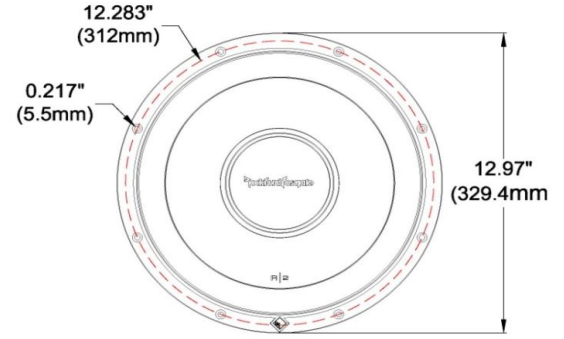


Model: R2D4-12

Type: DVC Subwoofer

Power Rating: 250 Watts (RMS)

Impedance: (2) 4 ohms



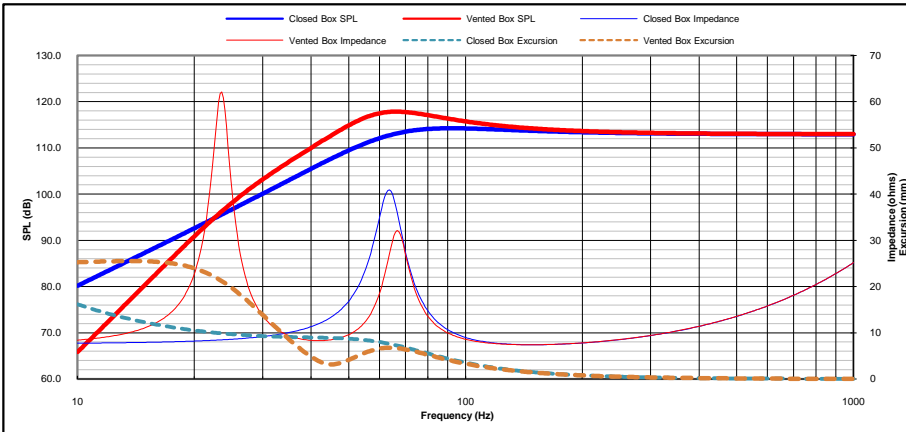
Features

- Injection molded polypropylene cone.
- Tear & fatigue resistant poly-cotton spider.
- High density compressed half-roll sealed poly-foam surround.
- High temp copper voice coil with aluminum former
- 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.
- Heavy guage proprietary stamped steel frame
- Semi-flexible PVC removable protective motor cover.
- All metal compression input terminal assembly.

Recommended Applications

Enclosure	Volume (Vb)		Tuning(Fb)	System (Qtc)	-3dB (F3) Hz	Port Dia.		Port Length	
	Liters	cu.ft.	Hz			in.	cm	in.	cm
Sealed:	28.9	1.02	51.1	0.98	51.5	-	-	-	-
Ported:	50.7	1.79	45.0	-	39.9	4.0	101.6	9.3	23.7

SPL & Excursion (at 250 Watts) / Impedance (at 1 Watt)



Thiele-Small Specifications

- Fs (Hz): 34.9
- Re (Ohms): 7.17
- Le (mH): 3.9
- Qts: 0.60
- Qes: 0.66
- Qms: 7.33
- Cms (mm/N): 0.17
- Vas (L): 68.8
- Mms (g): 124.2
- Mmd (g): 117.1
- Rms (kg/s): 3.7
- Airload (g): 7.1
- No (%): 0.43
- SPL (dB - 1W/1M): 89.0
- BL (T*M): 17.3
- *Xmax₁₀ (mm): 6.5
- Sd (cm²): 539.1
- EBP: 52.88
- Krm (mOhms): 1.30
- Erm: 0.71
- Kxm (mH): 13.6
- Exm: 0.84
- Rem (Ohms): 0.65

* 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. Xmax₁₀ represents actual effective excursion at <10% THD.

Technical Specifications

Voice Coil Diameter:	1.949	49.505	inches mm
Voice Coil Height:	0.748	19.0	inches mm
Voice Coil Layers:	4		layers
Magnetic Gap Height:	0.236	6.0	inches mm
Linear Excursion, (Xmax):	0.256	6.5	inches mm
Maximum Excursion (mech), pk-pk:	1.28	32.5	inches mm
Magnet Weight:	47.7	1.35	oz. kg
Woofer Displacement:	1.3	0.046	liters cubic ft.
Net Weight:	8.5	3.9	lbs. kg
Power Rating:	250	500	RMS Peak

Above specifications and dimensions comply with the CEA-2031 standard.

Specifications subject to change without notice.