

SX840

**Single Voice Coil
Subwoofer 20 cm**

**Power Handling
300 Watts RMS / 600 Watts Max.**

Technical Specifications

| | | |
|---------------------------|-------------|---------------------|
| Impedance | Zn | 4 Ohms |
| Voice Coil Diameter | Ø | 50 mm |
| Voice Coil Winding Height | | 15 mm |
| Max. Linear Excursion | Xmax | +/- 3,5 mm |
| Max. Mechanical Excursion | Xmax (Peak) | +/- 13 mm |
| Cone Area | Sd | 214 cm ² |
| Moving Mass | Mms | 53 g |
| DC Resistance | Re | 3,2 Ohms |
| Resonance Frequency | Fs | 35 Hz |
| Mechanical Q-Factor | Qms | 4,9 |
| Electrical Q-Factor | Qes | 0,41 |
| Total Q-Factor | Qts | 0,38 |
| Equivalent Air Volume | VAS | 25 L |
| VC Inductance | Le | 1,1 mH |
| Flux Density | B/L | 9,5 N/A |
| Efficiency 1W/1m | SPL | 87 dB |

Recommended Enclosure

| | |
|---------------------|--------------------|
| Bandpass Box | |
| Sealed Volume: | 8 L |
| Vented Volume: | 14 L |
| Port Diameter: | 100 mm |
| Port Area: | 80 cm ² |
| Port Length: | 26 cm |
| -3 dB Rolloff (F3): | 43 Hz |

Recommended Enclosure

| | |
|---------------------|--------------------|
| Ported Box | |
| Vented Volume: | 18 L |
| Port Diameter: | 60 mm |
| Port Area: | 28 cm ² |
| Port Length: | 24 cm |
| Tuning Freq. (Fb): | 40 Hz |
| -3 dB Rolloff (F3): | 39 Hz |

Mechanical Components

- Diecast Aluminium Basket
- Non-pressed Paper Cone
- Rubber Surround
- Injected PP Dustcap
- Single Nomex Spider
- Dual Magnet 2 x 24 oz (1.361 g)
- Magnet Size: Ø110 x 40 mm
- Aluminium Voice Coil Former

Dimensions & Weight

| | |
|--------------------|--------|
| External Diameter: | 218 mm |
| Mounting Diameter: | 189 mm |
| Mounting Depth: | 114 mm |
| Shipping Weight: | 4,9 kg |

