

# 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 <sup>2</sup>
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
Max.In-Car Sound Pressure	SPL	139 dB

## Recommended Enclosure

Bandpass Box	
Sealed Volume:	8 L
Vented Volume:	14 L
Port Diameter:	100 mm
Port Area:	80 cm <sup>2</sup>
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 <sup>2</sup>
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

