

# MUSWAY

## MWS1022

**Dual Voice Coil  
Subwoofer 25 cm**

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

### Recommended Enclosure

Ported Box  
Vented Volume: 35 L  
Port Diameter: 80 mm  
Port Area: 50 cm<sup>2</sup>  
Port Length: 22 cm  
Tuning Freq. (Fb): 38 Hz  
-3 dB Rolloff (F3): 30 Hz

Deep Tuning

### Recommended Enclosure

Sealed Box  
Sealed Volume: 20 - 30 L  
-3 dB Rolloff (F3): 35 Hz

Recommended Box

### Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	50 mm
Voice Coil Winding Height		28 mm
Max. Linear Excursion	Xmax	+/- 10 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 15 mm
Cone Area	Sd	346 cm <sup>2</sup>
Moving Mass	Mms	128 g
DC Resistance	Re	2 x 1,8 Ohms
Resonance Frequency	Fs	32,6 Hz
Mechanical Q-Factor	Qms	5,93
Electrical Q-Factor	Qes	0,86
Total Q-Factor	Qts	0,75
Equivalent Air Volume	VAS	31,2 L
VC Inductance	Le	4,6 mH
Flux Density	B/L	7,45 N/A
Efficiency 1W/1m	SPL	83 dB

### Mechanical Components

- Steel Basket
- Glass-Fibre Cone
- Rubber Surround
- Glass-Fibre Dustcap
- Single Nomex Spider
- Y30 Magnet 45 oz (1.276 g)
- Magnet Size: Ø145 x 20 mm
- TIL (Glass-Fibre) Voice Coil Former

### Dimensions & Weight

External Diameter: 259 mm  
Mounting Diameter: 232 mm  
Mounting Depth: 92 mm  
Shipping Weight: 4,9 kg

