



SANWAY AUDIO

<https://www.china-sanway.com>

18TBW100

Specifications

Nominal Diameter	460 mm (18.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Nominal Power Handling ¹	1500 W
Continuous Power Handling ²	3000 W
Sensitivity ³	96.0 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4.0 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	31.0 mm (1.22 in)
Magnetic Gap Depth	15.0 mm (0.59 in)
Flux Density	1.15 T

Thiele & Small Parameters

Resonance Frequency	35 Hz
Re	5.3 Ω
Qes	0.41
Qms	8.0
Qts	0.39
Vas	175.0 dm ³ (6.18 ft ³)
Sd	1210.0 cm ² (187.6 in ²)
η _e	1.76 %
X _{max}	± 12.0 mm
X _{var}	± 14.0 mm
M _{ms}	245.0 g
Bl	26.4 Txm
Le	2.45 mH
EBP	85 Hz

Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	200.0 dm ³ (7.06 ft ³)
Recommended Tuning	32 Hz

