ROSSO-18SW1000D

18″ - Subwoofer - 2000W - 98dB

SB AUDIENCE

- Proprietary cone paper material with silk cotton tree
- Double spider for high stability suspension
- Shorting ring in motor system for reduced distortion
- Cooling device on yoke for improved heat transfer
- 4.5" voice coil with APC (Advanced Polymer Coating)
- AISVW voice coil wire for high power handling
- Cast aluminium chassis

Dimensions & Weight

Overall Diameter	483 mm (19.0 in)
Bolt Circle Diameter	456 mm (18.0 in)
Baffle Cutout Diameter	428 mm (16.85 in)
Mounting Depth	218.7 mm (8.61 in)
Flange and Gasket Thickness	16.5 mm (0.64 in)
Net Weight	17 Kg (37.4 lb)
Shipping Box	498 x 498 x 270 (14.6 x 14.6 x 7 in)
Gross Weight	19.7 Kg (43.43 lb)

Recone Kit

1P000OPSB025

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.2 Ohm
AES Power Handling (1)	1000 W
Maximum Power Handling (2)	2000 W
Sensitivity (1W/1m)	98 dB
Frequency Range	35 - 3400 Hz
Voice Coil Diameter	113 mm (4.5 in)
Winding Material	AISV copper wire
Former Material	FIBSV
Winding Depth	33.2 mm
Magnetic Gap Depth	14 mm (0.55 in)
Flux Density	0.93 T
Magnet	Ferrite
Basket Material	Aluminium die cast
Demodulation	Aluminium shorting ring and Aluminium cooling device
Cone Surround	Triple roll
NET Air Volume filled by driver	9.46 liters
Spider Profile	Double constant height waves
Weather Resistant	Yes

Thiele Small Parameters

Fs	35 Hz
Re	5.3 Ohm
Qes	0.49
Qms	10.13
Qts	0.46
Vas	164.3 liters
Sd	1256.6 cm²
Xmax (3)	13.67 mm
Xdamage (4)	35 mm
Mms	276 g
Bl	25.8 Tm
Le	1.64 mH
Cms	0.07 mm/N
Rms	6.05 Kg/s
Eta Zero	1.44 %
EBP	71

NOTES :

(1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the Fo to 10Fo power calculated on rated nominal impedance. Loudspeaker in free air
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Xmax= ((Winding depth - magnetic gap depth)/2) +(magnetic gap depth/3)
(4) Maximum excursion (p-p) before permanent damage
(5) T/S parameters measured on drive units that are broken in using Klippel LPM Measurement System.