

ROSSO-6MW151D

6" - Midwoofer - 300W - 94dB

AUDIENCE



- Cast aluminium chassis
- Extended midrange performance
- Minimum damping fiber glass voice coil former
- Proprietary cone coating for controlled breakup
- Shorting ring in motor system for reduced distortion
- Proprietary cone paper material with manila pulp and graphite

Dimensions & Weight

Overall Diameter	185 mm (7.28 in)
Bolt Circle Diameter	170 mm (6.69 in)
Baffle Cutout Diameter	147.5 mm (5.81 in)
Mounting Depth	84.5 mm (3.32 in)
Flange and Gasket Thickness	5.0 mm (0.2 in)
Net Weight	2.6 Kg (5.73 lb)
Shipping Box	178 x 178 x 135 mm (7.0 x 7.0 x 5.31 in)
Gross Weight	2.8 Kg (6.17 lb)

Recone Kit

N/A

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.4 Ohm
AES Power Handling (1)	150 W
Maximum Power Handling (2)	300 W
Sensitivity (2.83V/1m) (3)	94 dB
Frequency Range	66 - 5000 Hz
Voice Coil Diameter	49.5 mm (1.95 in)
Winding Material	Copper
Former Material	Till
Winding Depth	12.15 mm
Magnetic Gap Depth	5 mm (0.19 in)
Flux Density	1.31 T
Magnet	Ferrite
Basket Material	Aluminium die cast
Demodulation	Aluminium shorting ring
Cone Surround	Rubber single half roll
NET Air Volume filled by driver	0.92 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

Thiele Small Parameters

Fs	66 Hz
Re	5.4 Ohm
Qes	0.33
Qms	9.24
Qts	0.32
Vas	8.8 liters
Sd	145.3 cm ²
Xmax (4)	5.24 mm
Xdamage (5)	16 mm
Mms	19.4 g
BI	11.6 Tm
Le	0.39 mH
Cms	0.3 mm/N
Rms	0.88 Kg/s
Eta Zero	0.76 %
EBP	200

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 minimum impedance. Loudspeaker in free air
- (2) Maximum power is defined as 3dB greater than nominal power
- (3) Measured average within the frequency range (200Hz - 4kHz)
- (4) Xmax= ((Winding depth - magnetic gap depth)/2) +(magnetic gap depth/3)
- (5) Maximum excursion (p-p) before permanent damage
- (6) T/S parameters measured on drive units that are broken in

