

W15N8-700



15" - 700 W - 98 dB - 8 Ohm

NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	354 mm (13.94 in)
Depth	181.3 mm (7.14 in)
Flange and Gasket Thickness	13.7 mm (0.54 in)
Net Weight	5.9 kg (13 lb)
Shipping Box (Single Carton Box)	426 x 429 x 225 mm (16.8 x 16.9 x 8.9 in)
Shipping Weight	6.5 kg (14.3 lb)

NOTES:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- (4) Maximum excursion before permanent damage

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.9 Ohm
AES Power Handling (1)	700 W
Maximum Power Handling (2)	1400 W
Sensitivity (1W/1m)	98 dB
Frequency Range	35÷3150 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	23 mm (0.9 in)
Magnetic Gap Depth	12 mm (0.47 in)
Flux Density	1.3 T

THIELE & SMALL PARAMETERS

Fs	35 Hz
Re	5.4 Ohm
Qes	0.20
Qms	9.48
Qts	0.20
Vas	134.2 dm ³ (4.74 ft ³)
Sd	756.2 cm ² (117.2 in ²)
Xmax (3)	9.50 mm
Xdamage (4)	16 mm
Mms	125 g
Bl	26.9 N/A
Le	1.6 mH
Mmd	113 g
Cms	0.16 mm/N
Rms	2.89 kg/s
Eta Zero	2.74 %

