

W6N8-120



6" - 120 W - 94 dB - 16 Ohm

NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	186.5/162 mm (7.34/6.37 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	147 mm (5.79 in)
Depth	88.5 mm (3.48 in)
Flange and Gasket Thickness	8.8 mm (0.35 in)
Net Weight	1.3 kg (2.9 lb)
Shipping Box (Single Carton Box)	195 x 195 x 141 mm (7.7 x 7.7 x 5.5 in)
Shipping Weight	1.5 kg (3.3 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) Treated Polycotton
- (4) $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- (5) Maximum excursion before permanent damage

TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	13.4 Ohm
AES Power Handling (1)	120 W
Maximum Power Handling (2)	240 W
Sensitivity (1W/1m)	94 dB
Frequency Range	100-10000 Hz
Voice Coil Diameter	37 mm (1.46 in)
Winding Material	Al
Former Material	Kapton
Winding Depth	11 mm (0.43 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.4 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround (3)	Triple Roll
NET Air Volume filled by Loudspeaker	0.6 dm ³ (0.021 ft ³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	105 Hz
Re	12 Ohm
Qes	0.54
Qms	9.1
Qts	0.51
Vas	3.56 dm ³ (0.13 ft ³)
Sd	113 cm ² (17.52 in ²)
Xmax (4)	4.50 mm
Xdamage (5)	11.6 mm
Mms	11.7 g
Bl	13 N/A
Le	0.55 mH
Mmd	10.1 g
Cms	0.2 mm/N
Rms	0.84 kg/s
Eta Zero	0.73 %
EBP	194 Hz

