

W8N8-150



8" - 150 W - 94 dB - 16 Ohm

NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.75/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	116.7 mm (4.59 in)
Flange and Gasket Thickness	10.7 mm (0.42 in)
Net Weight	1.7 kg (3.7 lb)
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	2.6 kg (5.7 lb)

PART NUMBER

Push Terminals - 16 Ohm Version	02004054
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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	12.7 Ohm
AES Power Handling (1)	150 W
Maximum Power Handling (2)	300 W
Sensitivity (1W/1m)	93 dB
Frequency Range	80-6300 Hz
Voice Coil Diameter	52 mm (2 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	13.7 mm (0.54 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	No
Cone Surround (3)	M-Roll
NET Air Volume filled by Loudspeaker	1 dm ³ (0.035 ft ³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	76 Hz
Re	11.8 Ohm
Qes	0.88
Qms	19.5
Qts	0.84
Vas	12.7 dm ³ (0.45 ft ³)
Sd	222 cm ² (34.41 in ²)
Xmax (4)	5.52 mm
Xdamage (5)	12 mm
Mms	23.8 g
Bl	12.3 N/A
Le	0.9 mH
Mmd	20.1 g
Cms	0.18 mm/N
Rms	0.6 kg/s
Eta Zero	0.61 %
EBP	86 Hz

