PROFESSIONAL LOUDSPEAKERS

W18N8-1000

18" - 1000 W - 99 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Overall Diameter	460 mm (18.11 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	424 mm (16.69 in)
Depth	202 mm (7.95 in)
Flange and Gasket Thickness	13.9 mm (0.55 in)
Net Weight	**6.1 kg (13.4 lb)**
Shipping Box (Single Carton Box)	536 x 536 x 293 mm (21.1 x 21.1 x 11.5 in)
Shipping Weight	7.4 kg (16.3 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.6 Ohm
AES Power Handling **(1)**	1000 W
Maximum Power Handling (2)	**2000 W**
Sensitivity (1W/1m)	**99 dB**
Frequency Range	35÷1600 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	0.28
Qms	10.60
Qts	0.27
Vas	211.8 dm^3 (7.48 ft^3)
Sd	1136 cm^2 (176.1 in^2)
Xmax **(3)**	9.50 mm
Xdamage **(4)**	17.5 mm
Mms	178.7 g
Bl	27.6 N/A
Le	1.6 mH
Mmd	156.8 g
Cms	0.12 mm/N
Rms	3.7 kg/s
Eta Zero	3.17 %

NOTES:

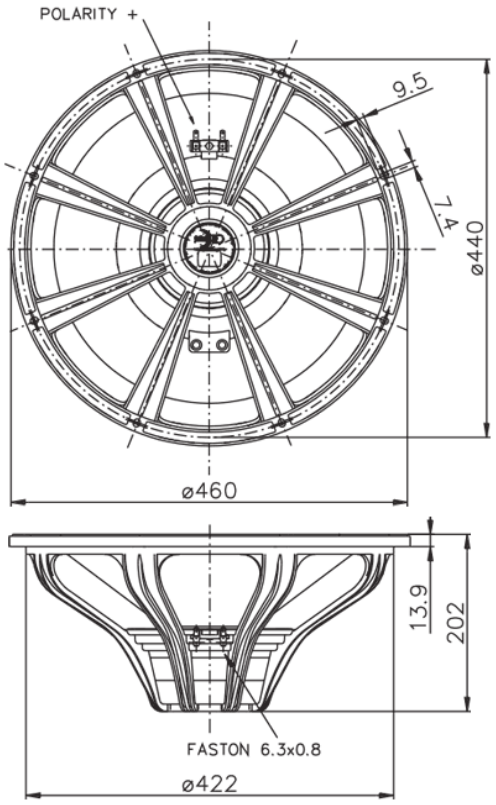
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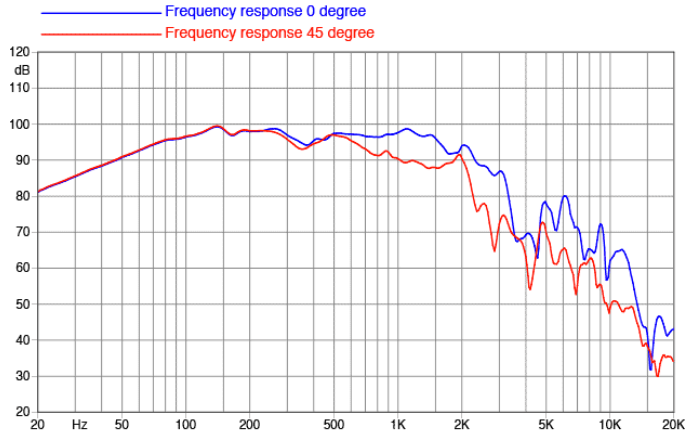
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

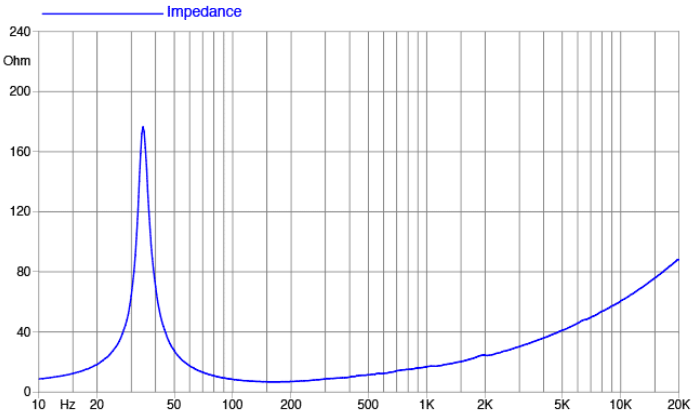
(2) Maximum power is defined as 3dB greater than nominal power.

(3) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

(4) Maximum excursion before permanent damage







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