PROFESSIONAL LOUDSPEAKERS

W12N8-200

12" - 200 W - 99 dB - 8 Ohm

NOMINAL SPECIFICATIONS

Nominal Diameter	300 mm (12 in)
Overall Diameter	315.2 mm (12.4 in)
Bolt Circle Diameter	298.5 mm (11.75 in)
Baffle Cutout Diameter	283.5 mm (11.16 in)
Depth	140.6 mm (5.54 in)
Flange and Gasket Thickness	12.1 mm (0.48 in)
Net Weight	**2.4 kg (5.3 lb)**
Shipping Box (Single Carton Box)	350 x 350 x 200 mm (13.8 x 13.8 x 7.9 in)
Shipping Weight	3 kg (6.6 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.1 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**99 dB**
Frequency Range	50÷5000 Hz
Voice Coil Diameter	**65 mm (2.5 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.2 T

THIELE & SMALL PARAMETERS

Fs	50 Hz
Re	5.4 Ohm
Qes	0.40
Qms	7.2
Qts	0.38
Vas	77.3 dm^3 (2.73 ft^3)
Sd	490.4 cm^2 (76 in^2)
Xmax **(3)**	4.92 mm
Xdamage **(4)**	14 mm
Mms	44.7 g
Bl	13.7 N/A
Le	0.56 mH
Mmd	39.2 g
Cms	0.22 mm/N
Rms	2.02 kg/s
Eta Zero	2.32 %

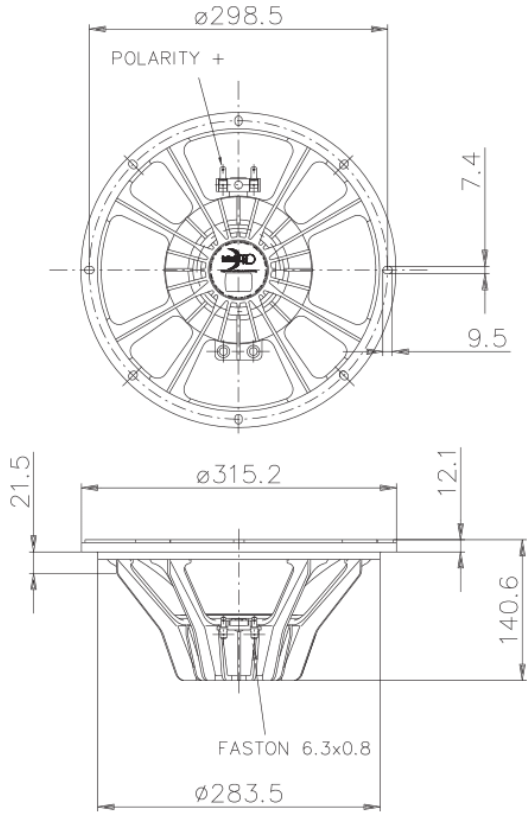
NOTES:

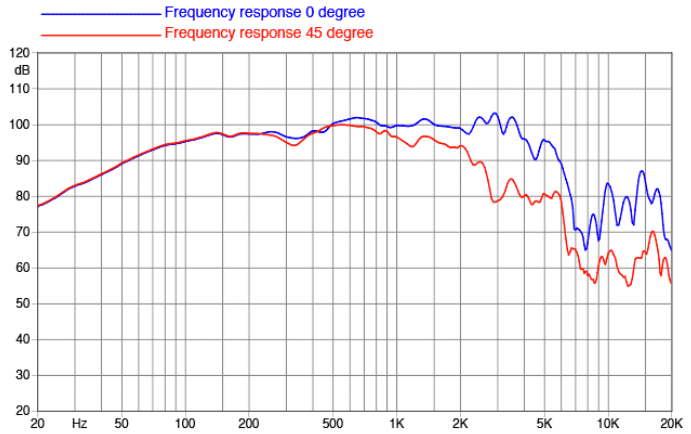
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

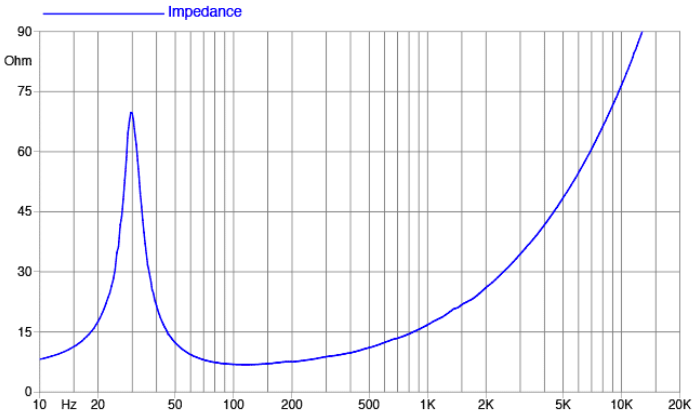
(2) Maximum power is defined as 3dB greater than nominal power.

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

(4) Maximum excursion before permanent damage







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