faital PRO PROFESSIONAL LOUDSPEAKERS

W12N8-700

12" - 700 W - 97 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	300 mm (12 in)
Overall Diameter	316 mm (12.44 in)
Bolt Circle Diameter	298.5 mm (11.75 in)
Baffle Cutout Diameter	282.5 mm (11.12 in)
Depth	155.75 mm (6.13 in)
Flange and Gasket Thickness	12.45 mm (0.49 in)
Net Weight	**5.6 kg (12.32 lb)**
Shipping Box (Single Carton Box)	350 x 350 x 200 mm (13.8 x 13.8 x 7.9 in)
Shipping Weight	6.2 kg (13.64 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	7.1 Ohm
AES Power Handling **(1)**	700 W
Maximum Power Handling (2)	**1400 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	50÷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	48 Hz
Re	5.4 Ohm
Qes	0.22
Qms	9.62
Qts	0.22
Vas	41.3 dm^3 (1.46 ft^3)
Sd	520 cm^2 (80.6 in^2)
Xmax **(3)**	9.50 mm
Xdamage **(4)**	16 mm
Mms	102 g
Bl	27.2 N/A
Le	1.5 mH
Mmd	96.1 g
Cms	0.12 mm/N
Rms	3.24 kg/s
Eta Zero	2 %

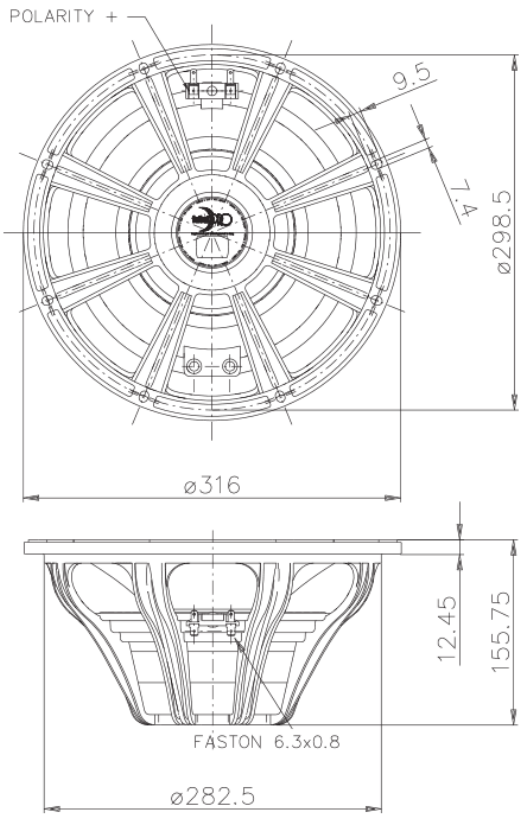
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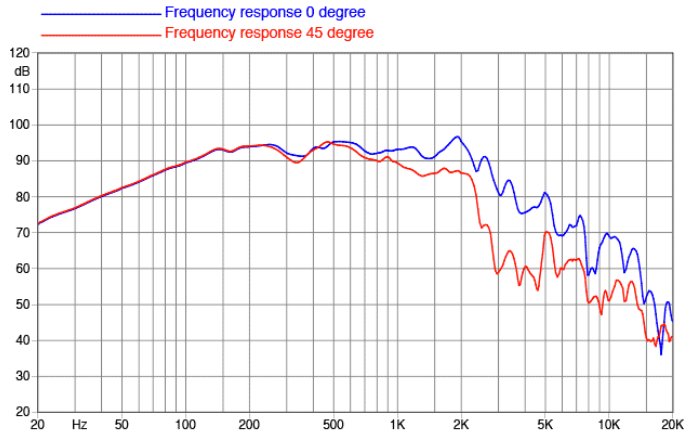
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

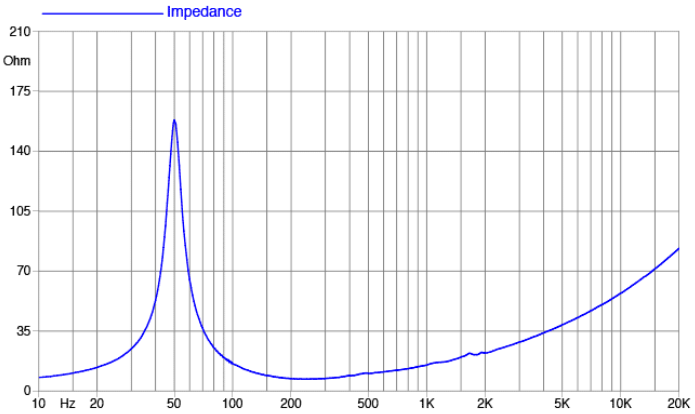
(2) Maximum power is defined as 3dB greater than nominal power.

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

(4) Maximum excursion before permanent damage







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