faital PRO PROFESSIONAL LOUDSPEAKERS

W15N8-700

15" - 700 W - 98 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	354 mm (13.94 in)
Depth	181.3 mm (7.14 in)
Flange and Gasket Thickness	13.7 mm (0.54 in)
Net Weight	**5.9 kg (13 lb)**
Shipping Box (Single Carton Box)	426 x 429 x 225 mm (16.8 x 16.9 x 8.9 in)
Shipping Weight	6.5 kg (14.3 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.9 Ohm
AES Power Handling **(1)**	700 W
Maximum Power Handling (2)	**1400 W**
Sensitivity (1W/1m)	**98 dB**
Frequency Range	35÷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	35 Hz
Re	5.4 Ohm
Qes	0.20
Qms	9.48
Qts	0.20
Vas	134.2 dm^3 (4.74 ft^3)
Sd	756.2 cm^2 (117.2 in^2)
Xmax **(3)**	9.50 mm
Xdamage **(4)**	16 mm
Mms	125 g
Bl	26.9 N/A
Le	1.6 mH
Mmd	113 g
Cms	0.16 mm/N
Rms	2.89 kg/s
Eta Zero	2.74 %

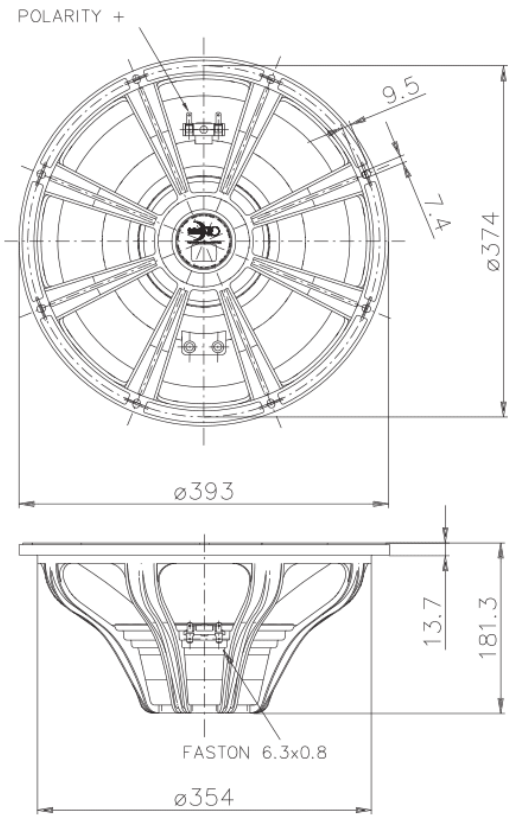
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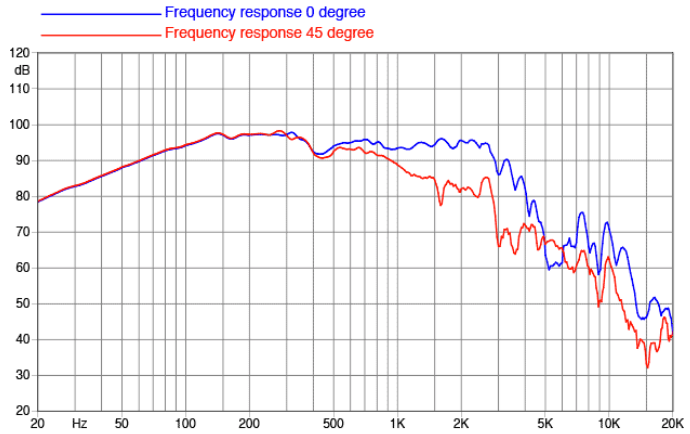
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

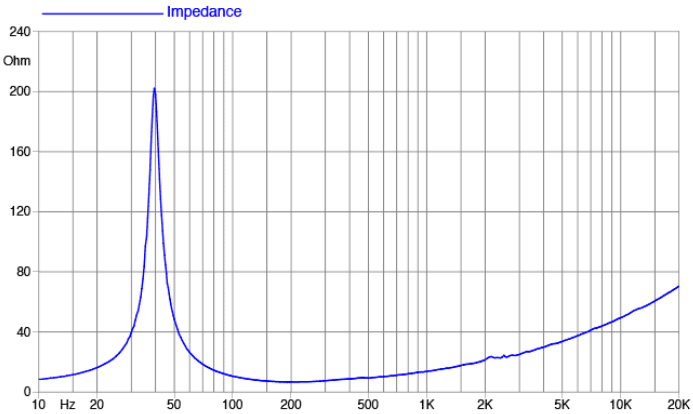
(2) Maximum power is defined as 3dB greater than nominal power.

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

(4) Maximum excursion before permanent damage







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