faital PRO PROFESSIONAL LOUDSPEAKERS

M6N8-150

6" - 150 W - 94 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	186.5/162 mm (7.34/6.37 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	145 mm (5.7 in)
Depth	87.2 mm (3.43 in)
Flange and Gasket Thickness	7.5 mm (0.29 in)
Net Weight	**1.4 kg (3.08 lb)**
Shipping Box (Single Carton Box)	195 x 195 x 141 mm (7.7 x 7.7 x 5.6 in)
Shipping Weight	1.6 kg (3.52 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.2 Ohm
AES Power Handling **(1)**	150 W
Maximum Power Handling (2)	**300 W**
Sensitivity (1W/1m)	**94 dB**
Frequency Range	100÷5000 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	9.8 mm (0.38 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.35 T

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	5.3 Ohm
Qes	0.34
Qms	5.8
Qts	0.32
Vas	3.89 dm^3 (0.137 ft^3)
Sd	114 cm^2 (17.67 in^2)
Xmax **(3)**	3.90 mm
Xdamage **(4)**	11.6 mm
Mms	12 g
Bl	10.8 N/A
Le	0.25 mH
Mmd	11.2 g
Cms	0.21 mm/N
Rms	1.45 kg/s
Eta Zero	1.1 %

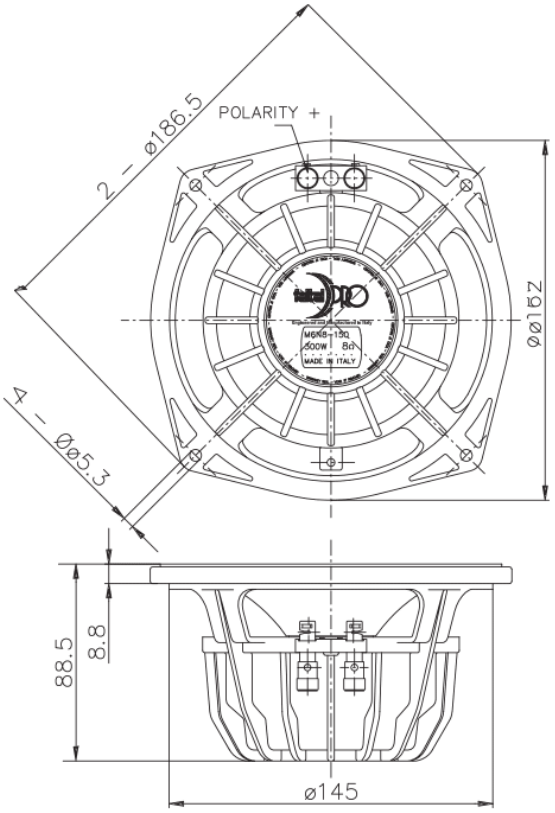
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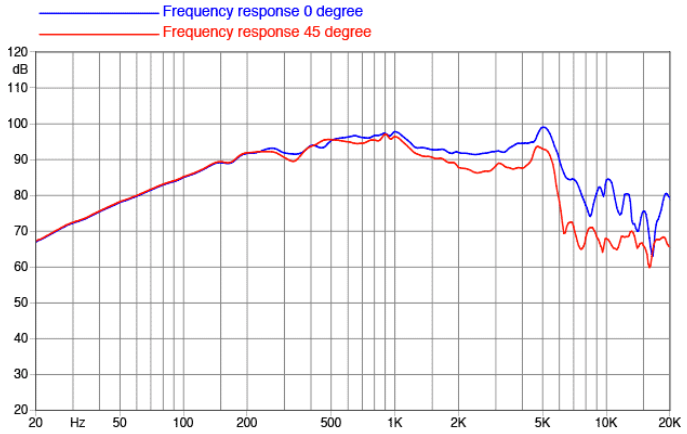
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

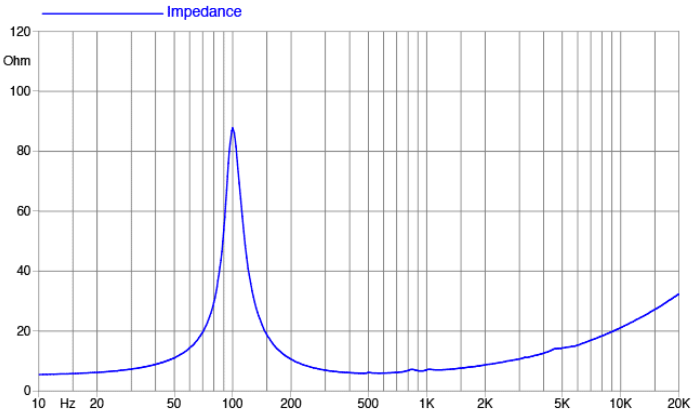
(2) Maximum power is defined as 3dB greater than nominal power.

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

(4) Maximum excursion before permanent damage







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