faital PRO PROFESSIONAL LOUDSPEAKERS

W8N8-150

8" - 150 W - 94 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.75/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	116.7 mm (4.59 in)
Flange and Gasket Thickness	10.7 mm (0.42 in)
Net Weight	**1.7 kg (3.7 lb)**
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	2.6 kg (5.7 lb)

TECHNICAL PARAMETERS

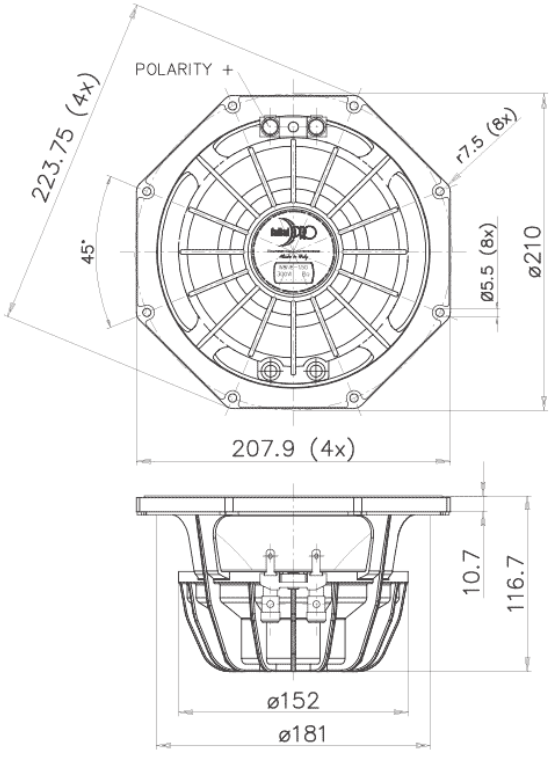
Nominal Impedance	8 Ohm
Minimum Impedance	6.5 Ohm
AES Power Handling **(1)**	150 W
Maximum Power Handling (2)	**300 W**
Sensitivity (1W/1m)	**94 dB**
Frequency Range	80÷6300 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	13.7 mm (0.54 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	M-Roll
NET Air Volume filled by Loudspeaker	1 dm^3 (0.035 ft^3)
Spider Profile	1x variable height waves

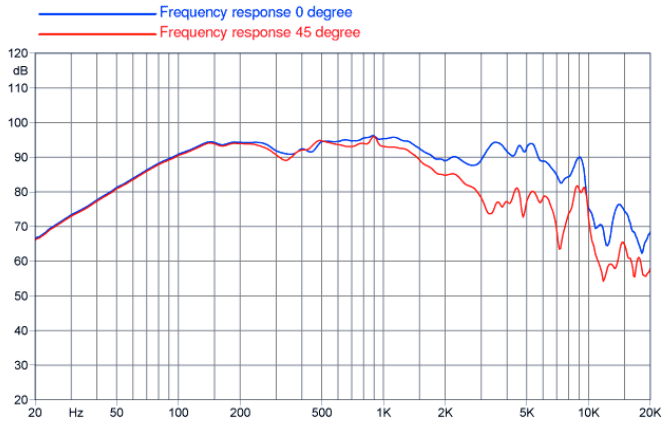
THIELE & SMALL PARAMETERS

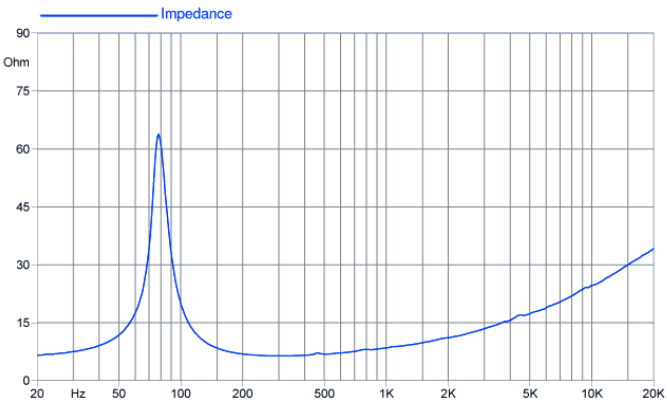
Fs	76 Hz
Re	5.8 Ohm
Qes	0.59
Qms	4.7
Qts	0.52
Vas	14.4 dm^3 (0.51 ft^3)
Sd	222 cm^2 (34.41 in^2)
Xmax **(4)**	5.52 mm
Xdamage **(5)**	12 mm
Mms	20.9 g
Bl	9.9 N/A
Le	0.55 mH
Mmd	17.2 g
Cms	0.21 mm/N
Rms	2.1 kg/s
Eta Zero	1.04 %
EBP	129 Hz

NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Treated Polycotton
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage







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