PROFESSIONAL LOUDSPEAKERS

W6N8-120

6" - 120 W - 94 dB - 16 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	147 mm (5.79 in)
Depth	88.5 mm (3.48 in)
Flange and Gasket Thickness	8.8 mm (0.35 in)
Net Weight	**1.3 kg (2.9 lb)**
Shipping Box (Single Carton Box)	195 x 195 x 141 mm (7.7 x 7.7 x 5.5 in)
Shipping Weight	1.5 kg (3.3 lb)

TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	13.4 Ohm
AES Power Handling **(1)**	120 W
Maximum Power Handling (2)	**240 W**
Sensitivity (1W/1m)	**94 dB**
Frequency Range	100÷10000 Hz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	Al
Former Material	Kapton
Winding Depth	11 mm (0.43 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.4 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	0.6 dm^3 (0.021 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	105 Hz
Re	12 Ohm
Qes	0.54
Qms	9.1
Qts	0.51
Vas	3.56 dm^3 (0.13 ft^3)
Sd	113 cm^2 (17.52 in^2)
Xmax **(4)**	4.50 mm
Xdamage **(5)**	11.6 mm
Mms	11.7 g
Bl	13 N/A
Le	0.55 mH
Mmd	10.1 g
Cms	0.2 mm/N
Rms	0.84 kg/s
Eta Zero	0.73 %
EBP	194 Hz

NOTES:

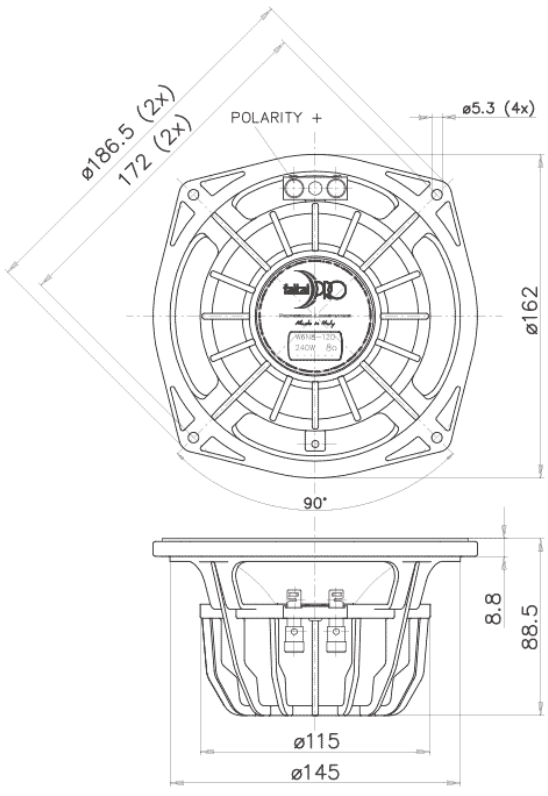
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

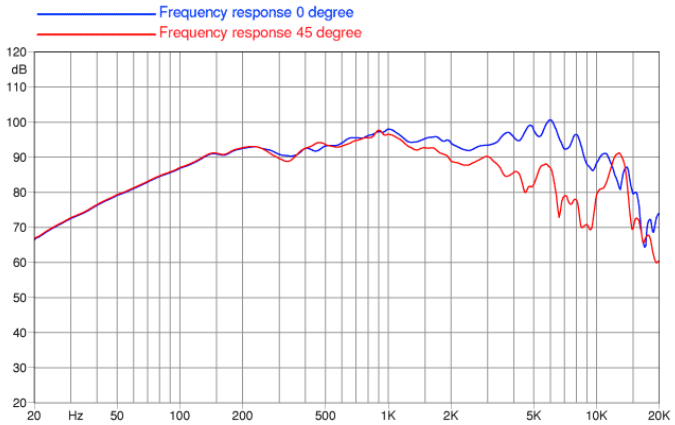
(2) Maximum power is defined as 3dB greater than nominal power.

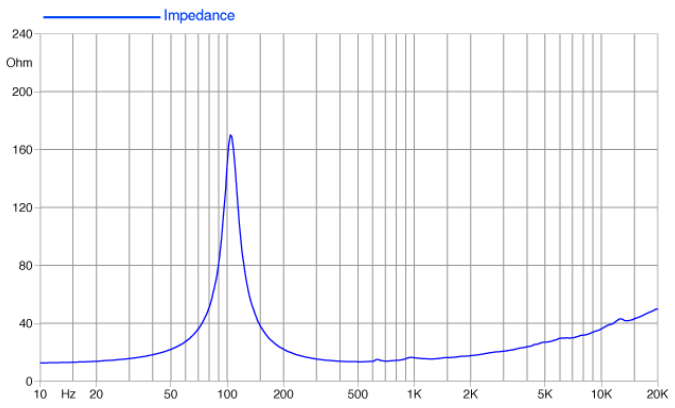
(3) Treated Polycotton

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

(5) Maximum excursion before permanent damage







©Copyright 2026 **Faital S.p.A.** • All rights reserved.