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

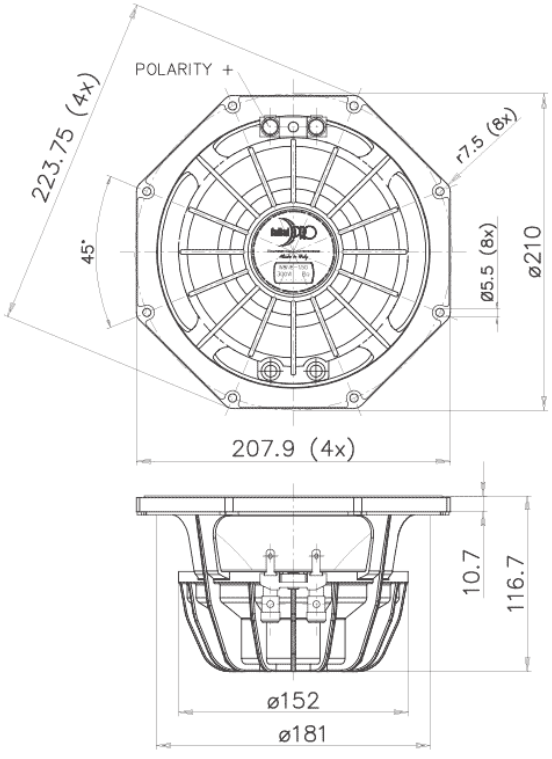
| | |
|---|---|
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 6.5 Ohm |
| AES Power Handling **(1)** | 150 W |
| **Maximum Power Handling (2)** | **300 W** |
| **Sensitivity (1W/1m)** | **94 dB** |
| Frequency Range | 80÷6300 Hz |
| **Voice Coil Diameter** | **52 mm (2 in)** |
| Winding Material | 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 |

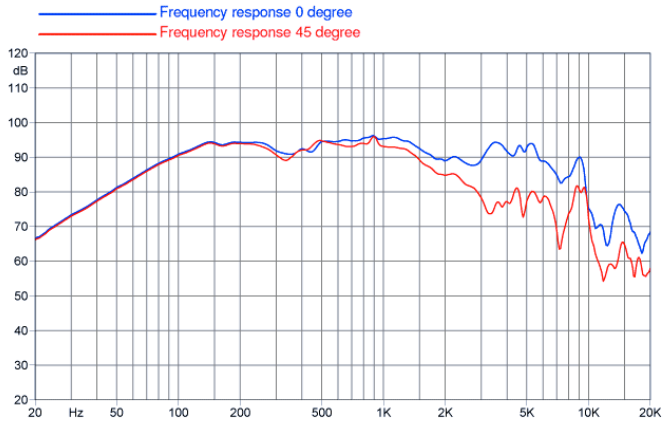
## THIELE & SMALL PARAMETERS

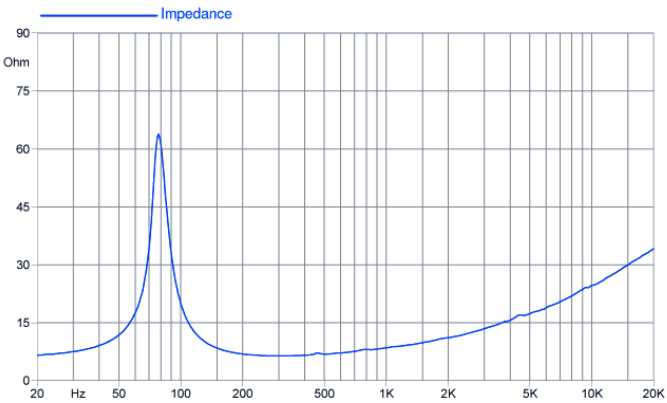
| | |
|---|---|
| Fs | 76 Hz |
| Re | 5.8 Ohm |
| Qes | 0.59 |
| Qms | 4.7 |
| Qts | 0.52 |
| Vas | 14.4 dm^3 (0.51 ft^3) |
| Sd | 222 cm^2 (34.41 in^2) |
| Xmax **(4)** | 5.52 mm |
| Xdamage **(5)** | 12 mm |
| Mms | 20.9 g |
| Bl | 9.9 N/A |
| Le | 0.55 mH |
| Mmd | 17.2 g |
| Cms | 0.21 mm/N |
| Rms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





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