PROFESSIONAL LOUDSPEAKERS

HF105

1" - 40 W - 107 dB - 16 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	91 mm (3.58 in)
180° Mounting Holes Diameter (2xM5)	76 mm (2.99 in)
Depth	61 mm (2.40 in)
Net Weight	**1.1 kg (2.4 lb)**
Shipping Box (Single carton box)	147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in)
Shipping Weight	1.2 kg (2.6 lb)

PART NUMBER

Faston Terminals - 16 Ohm Version	00374113

TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	13.5 Ohm
AES Power Handling **(1)**	40 W
Maximum Power Handling (2)	**80 W**
Minimum Crossover Frequency **(3)**	1.7 kHz
Sensitivity (1W/1m) (4)	**107 dB**
Frequency Range	1.4÷20 kHz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Ketone Polymer**
Diaphragm Shape	Annular
Winding Depth	2.4 mm (0.09 in)
Magnetic Gap Depth	2.6 mm (0.10 in)
Flux Density	1.5 T
Magnet	Ferrite Ring
Re	11 Ohm
Phase Plug Design	Radial
Exit Angle **(5)**	Combined Exit
NET Air Volume filled by HF Driver	0.26 dm^3 (0.009 ft^3)

NOTES:

Driver mounted on a **1" 50° x 40° Horn**

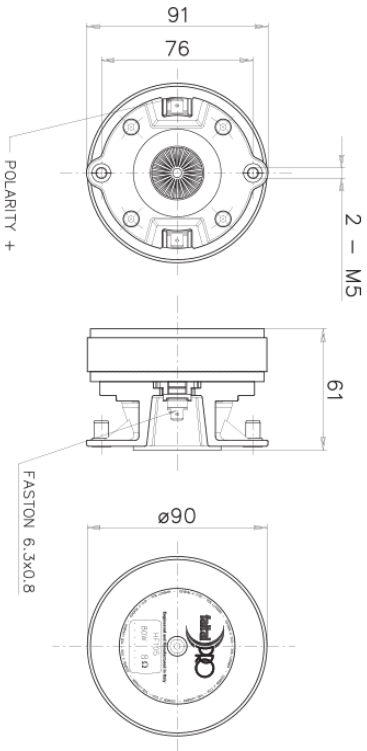
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

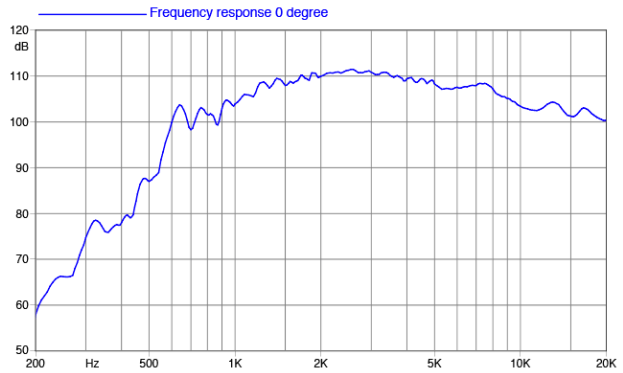
(2) Maximum power is defined as 3dB greater than nominal power.

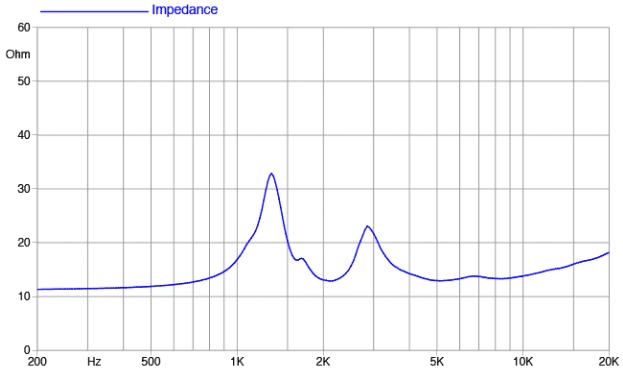
(3) 12 dB/oct or higher slope high-pass filter

(4) Averaged within the frequency range

(5) The driver's exit coincides with the end of the phase plug, there is no adaptation throat.







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