

# 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)
<b>Net Weight</b>	<b>1.1 kg (2.4 lb)</b>
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
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## NOTES:

Driver mounted on a **1" 50° x 40° Horn**  
 (1) 2 Hour 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.

## TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	13.5 Ohm
AES Power Handling (1)	40 W
<b>Maximum Power Handling (2)</b>	<b>80 W</b>
Minimum Crossover Frequency (3)	1.7 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>107 dB</b>
Frequency Range	1.4-20 kHz
<b>Voice Coil Diameter</b>	<b>37 mm (1.46 in)</b>
<b>Winding Material</b>	<b>Al</b>
Former Material	Kapton
<b>Diaphragm Material</b>	<b>Ketone Polymer</b>
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)

