

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
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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.



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)

