

NEODYMIUM HF DRIVER

HF104

1" - 40 W - 108 dB

FERRITE HF DRIVER

HF105

1" - 40 W - 107 dB



NOMINAL SPECIFICATIONS

	HF104	HF105
Throat Diameter	25.4 mm (1 in)	25.4 mm (1 in)
Overall Diameter	91 mm (3.58 in)	91 mm (3.58 in)
180° Mounting Holes Diameter (2xM5)	76 mm (2.99 in)	76 mm (2.99 in)
Depth	51 mm (2.01 in)	61 mm (2.40 in)
Net Weight	670 g (1.5 lb)	1.1 kg (2.4 lb)
Shipping Box	98 x 90 x 64 mm	147 x 130 x 82 mm
(Single Carton Box)	(3.9 x 3.5 x 2.5 in)	(5.8 x 5.1 x 3.2 in)
Shipping Weight	700 g (1.5 lb)	1.2 kg (2.7 lb)

- NOTES:** Driver mounted on a 1" 50° x 40° Al horn
- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3 dB 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

	HF104	HF105
Nominal Impedance	8 Ω	8 Ω
Minimum Impedance	6.9 Ω	6.7 Ω
AES Power Handling (1)	40 W	40 W
Maximum Power Handling (2)	80 W	80 W
Minimum Crossover Frequency (3)	1.7 kHz	1.7 kHz
Sensitivity (1W/1m) (4)	108 dB	107 dB
Frequency Range	1.5÷20 kHz	1.4÷20 kHz
Voice Coil Diameter	37 mm (1.46 in)	37 mm (1.46 in)
Winding Material	Al	Al
Former Material	Kapton	Kapton
Diaphragm Material	Ketone Polymer	Ketone Polymer
Diaphragm Shape	Annular	Annular
Winding Depth	2.1 mm (0.08 in)	2.1 mm (0.08 in)
Magnetic Gap Depth	2.6 mm (0.10 in)	2.6 mm (0.10 in)
Flux Density	1.85 T	1.5 T
Magnet	Neodymium Ring	Ferrite Ring
Re	5.5 Ω	5.5 Ω
Phase Plug Design	Radial	Radial
Exit Angle (5)	Combined Exit	Combined Exit
NET Air Volume filled by HF Driver	0.16 dm³ (0.006 ft³)	0.26 dm³ (0.009 ft³)

