

HF140

1.4" - 70 W - 109 dB - 16 Ohm



NOMINAL SPECIFICATIONS

| | |
|-------------------------------------|--|
| Throat Diameter | 35.6 mm (1.4 in) |
| Overall Diameter | 130.5 mm (5.14 in) |
| 90° Mounting Holes Diameter (4xM6) | 102 mm (4.02 in) |
| Depth | 62 mm (2.44 in) |
| Net Weight | 2.9 kg (6.4 lb) |
| Shipping Box (Single carton box) | 185 x 170 x 122 mm (7.3 x 6.7 x 4.8 in) |
| Shipping Weight | 3.1 kg (6.8 lb) |

PART NUMBER

| | |
|---------------------------------|----------|
| Push Terminals - 16 Ohm Version | 00743960 |
|---------------------------------|----------|

NOTES:

- (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 phase plug is recessed from the driver's exit which is at the end of a conical adaptation horn.

TECHNICAL PARAMETERS

| | |
|--|------------------------|
| Nominal Impedance | 16 Ohm |
| Minimum Impedance | 9.4 Ohm |
| AES Power above 0.9 kHz (1) | 70 W |
| AES Power above 0.65 kHz | 50 W |
| Maximum Power above 0.9 kHz (2) | 140 W |
| Maximum Power above 0.65 kHz | 100 W |
| Minimum Crossover Frequency (3) | 0.9 kHz |
| Sensitivity (1W/1m) (4) | 109 dB |
| Frequency Range | 0.5-18 kHz |
| Voice Coil Diameter | 74 mm (2.91 in) |
| Winding Material | Al |
| Former Material | Kapton |
| Diaphragm Material | Titanium |
| Diaphragm Shape | Dome |
| Winding Depth | 2.45 mm (0.10 in) |
| Magnetic Gap Depth | 2.8 mm (0.11 in) |
| Flux Density | 1.8 T |
| Magnet | Neodymium Slug Crown |
| Re | 8.2 Ohm |
| Phase Plug Design | Annular |
| Exit Angle (5) | 7° Conical |
| NET Air Volume filled by HF Driver | 0.7 dm^3 (0.025 ft^3) |

