

15FH500

15" - 500 W - 97 dB - 16 Ohm



NOMINAL SPECIFICATIONS

| | |
|----------------------------------|---|
| Nominal Diameter | 380 mm (15 in) |
| Overall Diameter | 393 mm (15.47 in) |
| Bolt Circle Diameter | 374 mm (14.72 in) |
| Baffle Cutout Diameter | 356 mm (14.02 in) |
| Depth | 181.3 mm (7.14 in) |
| Flange and Gasket Thickness | 13.7 mm (0.54 in) |
| Net Weight | 4.3 kg (9.5 lb) |
| Shipping Box (Single Carton Box) | 430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in) |
| Shipping Weight | 5.4 kg (11.9 lb) |

PART NUMBER

| | |
|---------------------------------|----------|
| Push Terminals - 16 Ohm Version | 03804127 |
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NOTES:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) Treated Polycotton
- (4) $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- (5) Maximum excursion before permanent damage

TECHNICAL PARAMETERS

| | |
|--------------------------------------|--|
| Nominal Impedance | 16 Ohm |
| Minimum Impedance | 14.4 Ohm |
| AES Power Handling (1) | 500 W |
| Maximum Power Handling (2) | 1000 W |
| Sensitivity (1W/1m) | 97 dB |
| Frequency Range | 35-3150 Hz |
| Voice Coil Diameter | 77 mm (3 in) |
| Winding Material | Cu |
| Former Material | Glass Fiber |
| Winding Depth | 22 mm (0.87 in) |
| Magnetic Gap Depth | 10.5 mm (0.41 in) |
| Flux Density | 1.2 T |
| Magnet | Neodymium Slug |
| Basket Material | Aluminum |
| Demodulation | No |
| Cone Surround (3) | M-Roll |
| NET Air Volume filled by Loudspeaker | 3.4 dm ³ (0.120 ft ³) |
| Spider Profile | 1x variable height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|---|
| Fs | 35 Hz |
| Re | 12.7 Ohm |
| Qes | 0.47 |
| Qms | 13.2 |
| Qts | 0.45 |
| Vas | 217.1 dm ³ (7.67 ft ³) |
| Sd | 847 cm ² (131.29 in ²) |
| Xmax (4) | 9.25 mm |
| Xdamage (5) | 16 mm |
| Mms | 95.4 g |
| Bl | 23.8 N/A |
| Le | 2 mH |
| Mmd | 67.5 g |
| Cms | 0.22 mm/N |
| Rms | 1.6 kg/s |
| Eta Zero | 1.92 % |
| EBP | 74 Hz |

