

15FH520

15" - 600 W - 97 dB - 4 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 | 4.6 kg (10.1 lb) |
| Shipping Box (Single Carton Box) | 430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in) |
| Shipping Weight | 5.7 kg (12.6 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 4 Ohm Version | 03804183 |
|--------------------------------|----------|

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 | 4 Ohm |
| Minimum Impedance | 3.2 Ohm |
| AES Power Handling (1) | 600 W |
| Maximum Power Handling (2) | 1200 W |
| Sensitivity (1W/1m) | 97 dB |
| Frequency Range | 40-3150 Hz |
| Voice Coil Diameter | 77 mm (3 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 22.3 mm (0.88 in) |
| Magnetic Gap Depth | 12 mm (0.47 in) |
| Flux Density | 1.1 T |
| Magnet | Neodymium Slug |
| Basket Material | Aluminum |
| Demodulation | Aluminum Ring |
| Cone Surround (3) | Triple 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 | 38 Hz |
| Re | 2.7 Ohm |
| Qes | 0.35 |
| Qms | 9 |
| Qts | 0.34 |
| Vas | 153.2 dm ³ (5.41 ft ³) |
| Sd | 847 cm ² (131.29 in ²) |
| Xmax (4) | 9.15 mm |
| Xdamage (5) | 15.6 mm |
| Mms | 114.7 g |
| Bl | 14.3 N/A |
| Le | 0.68 mH |
| Mmd | 86.8 g |
| Cms | 0.15 mm/N |
| Rms | 3.0 kg/s |
| Eta Zero | 2.25 % |
| EBP | 109 Hz |

