

15HP1030

15" - 1000 W - 96 dB - 8 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 | 354 mm (13.94 in) |
| Depth | 188 mm (7.40 in) |
| Flange and Gasket Thickness | 14 mm (0.55 in) |
| Net Weight | 11.7 kg (25.8 lb) |
| Shipping Box (Single Carton Box) | 430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in) |
| Shipping Weight | 12.8 kg (28.2 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 8 Ohm Version | 03804073 |
| Recone Kit - 8 Ohm Version | R3804073 |

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 | 8 Ohm |
| Minimum Impedance | 6.7 Ohm |
| AES Power Handling (1) | 1000 W |
| Maximum Power Handling (2) | 2000 W |
| Sensitivity (1W/1m) | 96 dB |
| Frequency Range | 40-2000 Hz |
| Voice Coil Diameter | 100 mm (4 in) |
| Winding Material | Cu |
| Former Material | Glass Fiber |
| Winding Depth | 28.9 mm (1.14 in) |
| Magnetic Gap Depth | 12 mm (0.47 in) |
| Flux Density | 1.1 T |
| Magnet | Ferrite Ring |
| Basket Material | Aluminum |
| Demodulation | Aluminum Ring |
| Cone Surround (3) | Triple Roll |
| NET Air Volume filled by Loudspeaker | 5.1 dm ³ (0.180 ft ³) |
| Spider Profile | 2x non-adjacent symmetrical variable height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|---|
| Fs | 40 Hz |
| Re | 5 Ohm |
| Qes | 0.35 |
| Qms | 11.8 |
| Qts | 0.34 |
| Vas | 95.0 dm ³ (3.35 ft ³) |
| Sd | 842 cm ² (130.51 in ²) |
| Xmax (4) | 12.45 mm |
| Xdamage (5) | 23.05 mm |
| Mms | 165.0 g |
| Bl | 24.3 N/A |
| Le | 1.4 mH |
| Mmd | 137.4 g |
| Cms | 0.10 mm/N |
| Rms | 3.5 kg/s |
| Eta Zero | 1.68 % |
| EBP | 114 Hz |

