

15PR450



15" - 400 W - 98 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 | 356 mm (14.02 in) |
| Depth | 172.6 mm (6.80 in) |
| Flange and Gasket Thickness | 13.6 mm (0.54 in) |
| Net Weight | 7.8 kg (17.2 lb) |
| Shipping Box (Single Carton Box) | 430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in) |
| Shipping Weight | 8.9 kg (19.6 lb) |

PART NUMBER

| | |
|--------------------------------|-----|
| Push Terminals - 8 Ohm Version | TBD |
|--------------------------------|-----|

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 | 6.2 Ohm |
| AES Power Handling (1) | 400 W |
| Maximum Power Handling (2) | 800 W |
| Sensitivity (1W/1m) | 98 dB |
| Frequency Range | 35-4000 Hz |
| Voice Coil Diameter | 77 mm (3 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 15 mm (0.59 in) |
| Magnetic Gap Depth | 9 mm (0.35 in) |
| Flux Density | 1.15 T |
| Magnet | Ferrite Ring |
| Basket Material | Aluminum |
| Demodulation | Aluminum Ring |
| Cone Surround (3) | Accordion (4 Waves) |
| NET Air Volume filled by Loudspeaker | 4.1 dm ³ (0.145 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|---|
| Fs | 35 Hz |
| Re | 5.1 Ohm |
| Qes | 0.37 |
| Qms | 6.9 |
| Qts | 0.35 |
| Vas | 235.6 dm ³ (8.32 ft ³) |
| Sd | 857 cm ² (132.84 in ²) |
| Xmax (4) | 6.00 mm |
| Xdamage (5) | 23 mm |
| Mms | 90 g |
| Bl | 16.6 N/A |
| Le | 0.65 mH |
| Mmd | 61.6 g |
| Cms | 0.23 mm/N |
| Rms | 2.9 kg/s |
| Eta Zero | 2.67 % |
| EBP | 96 Hz |

