

12PR330

12" - 300 W - 98 dB - 8 Ohm



NOMINAL SPECIFICATIONS

| | |
|-------------------------------------|--|
| Nominal Diameter | 300 mm (12 in) |
| Overall Diameter | 316 mm (12.44 in) |
| Bolt Circle Diameter | 298.5 mm (11.75 in) |
| Baffle Cutout Diameter | 282 mm (11.10 in) |
| Depth | 135 mm (5.31 in) |
| Flange and Gasket Thickness | 12 mm (0.47 in) |
| Net Weight | 4.3 Kg (9.5 lb) |
| Shipping Box (Single Carton Box) | 350 x 346 x 190 mm (13.8 x 13.6 x 7.5 in) |
| Shipping Weight | 5 Kg (11.0 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 8 Ohm Version | 03004244 |
|--------------------------------|----------|

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 | 6.6 Ohm |
| AES Power Handling (1) | 300 W |
| Maximum Power Handling (2) | 600 W |
| Sensitivity (1W/1m) | 98 dB |
| Frequency Range | 50-4000 Hz |
| Voice Coil Diameter | 65 mm (2.56 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 17.4 mm (0.69 in) |
| Magnetic Gap Depth | 8 mm (0.31 in) |
| Flux Density | 1.2 T |
| Magnet | Ferrite Ring |
| Basket Material | Aluminum |
| Demodulation | No |
| Cone Surround (3) | M-Roll |
| NET Air Volume filled by Loudspeaker | 1.9 dm ³ (0.067 ft ³) |
| Spider Profile | 1x variable height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 50 Hz |
| Re | 5.3 Ohm |
| Qes | 0.42 |
| Qms | 10.9 |
| Qts | 0.4 |
| Vas | 67.7 dm ³ (2.39 ft ³) |
| Sd | 489 cm ² (75.80 in ²) |
| Xmax (4) | 7.37 mm |
| Xdamage (5) | 15.25 mm |
| Mms | 50.8 g |
| Bl | 14.2 N/A |
| Le | 0.76 mH |
| Mmd | 38.6 g |
| Cms | 0.2 mm/N |
| Rms | 1.46 Kg/s |
| Eta Zero | 1.96 % |
| EBP | 119 Hz |

