

12PR330

12" - 300 W - 97 dB - 16 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 - 16 Ohm Version | 03004313 |
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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 | 13.2 Ohm |
| AES Power Handling (1) | 300 W |
| Maximum Power Handling (2) | 600 W |
| Sensitivity (1W/1m) | 97 dB |
| Frequency Range | 50-4000 Hz |
| Voice Coil Diameter | 65 mm (2.56 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 17.2 mm (0.68 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 | 52 Hz |
| Re | 11.3 Ohm |
| Qes | 0.53 |
| Qms | 5.8 |
| Qts | 0.49 |
| Vas | 76.3 dm ³ (2.69 ft ³) |
| Sd | 533 cm ² (82.62 in ²) |
| Xmax (4) | 7.27 mm |
| Xdamage (5) | 15.25 mm |
| Mms | 48.7 g |
| Bl | 18.5 N/A |
| Le | 1.34 mH |
| Mmd | 34.8 g |
| Cms | 0.19 mm/N |
| Rms | 2.7 kg/s |
| Eta Zero | 1.98 % |
| EBP | 98 Hz |

