

10RS350

10" - 300 W - 91 dB - 4 Ohm



NOMINAL SPECIFICATIONS

| | |
|----------------------------------|---|
| Nominal Diameter | 250 mm (10 in) |
| Overall Diameter | 261 mm (10.28 in) |
| Bolt Circle Diameter | 246 mm (9.69 in) |
| Baffle Cutout Diameter | 230 mm (9.06 in) |
| Depth | 116.5 mm (4.59 in) |
| Flange and Gasket Thickness | 17.1 mm (0.67 in) |
| Net Weight | 4.2 kg (9.3 lb) |
| Shipping Box (Single Carton Box) | 282 x 280 x 140 mm (11.0 x 11.0 x 5.5 in) |
| Shipping Weight | 4.8 kg (10.6 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 4 Ohm Version | 02504281 |
|--------------------------------|----------|

NOTES:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) NBR (Rubber)
- (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 | 3.8 Ohm |
| AES Power Handling (1) | 300 W |
| Maximum Power Handling (2) | 600 W |
| Sensitivity (1W/1m) | 91 dB |
| Frequency Range | 40-2500 Hz |
| Voice Coil Diameter | 65 mm (2.56 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 17 mm (0.67 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) | Half Roll |
| NET Air Volume filled by Loudspeaker | 1.4 dm ³ (0.049 ft ³) |
| Spider Profile | 1x variable height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 40 Hz |
| Re | 3.2 Ohm |
| Qes | 0.33 |
| Qms | 6.2 |
| Qts | 0.31 |
| Vas | 40.6 dm ³ (1.43 ft ³) |
| Sd | 344 cm ² (53.32 in ²) |
| Xmax (4) | 7.17 mm |
| Xdamage (5) | 18.15 mm |
| Mms | 64.5 g |
| Bl | 12.5 N/A |
| Le | 0.45 mH |
| Mmd | 57.3 g |
| Cms | 0.25 mm/N |
| Rms | 2.6 kg/s |
| Eta Zero | 0.76 % |
| EBP | 121 Hz |

