

8RS350

8" 300 W - 90 dB - 8 Ohm



NOMINAL SPECIFICATIONS

| | |
|----------------------------------|---|
| Nominal Diameter | 200 mm (8 in) |
| Overall Diameter | 223.7/207.9 mm (8.81/8.18 in) |
| Bolt Circle Diameter | 210 mm (8.27 in) |
| Baffle Cutout Diameter | 183 mm (7.20 in) |
| Depth | 106.5 mm (4.19 in) |
| Flange and Gasket Thickness | 16 mm (0.63 in) |
| Net Weight | 4.1 kg (9.0 lb) |
| Shipping Box (Single Carton Box) | 235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in) |
| Shipping Weight | 4.8 kg (10.6 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 8 Ohm Version | 02004384 |
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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) 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 | 8 Ohm |
| Minimum Impedance | 6.2 Ohm |
| AES Power Handling (1) | 300 W |
| Maximum Power Handling (2) | 600 W |
| Sensitivity (1W/1m) | 90 dB |
| Frequency Range | 50-6300 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 | Aluminum Ring |
| Cone Surround (3) | Half Roll |
| NET Air Volume filled by Loudspeaker | 1.04 dm ³ (0.037 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 42 Hz |
| Re | 5.3 Ohm |
| Qes | 0.31 |
| Qms | 6.9 |
| Qts | 0.30 |
| Vas | 23.7 dm ³ (0.84 ft ³) |
| Sd | 226 cm ² (35.03 in ²) |
| Xmax (4) | 7.37 mm |
| Xdamage (5) | 16.85 mm |
| Mms | 43.3 g |
| Bl | 13.9 N/A |
| Le | 0.6 mH |
| Mmd | 39.5 g |
| Cms | 0.33 mm/N |
| Rms | 1.7 kg/s |
| Eta Zero | 0.54 % |
| EBP | 134 Hz |

