

6RS140



6" - 200 W - 93 dB - 8 Ohm

NOMINAL SPECIFICATIONS

| | |
|----------------------------------|---|
| Nominal Diameter | 160 mm (6 in) |
| Overall Diameter | 186.5/162 mm (7.34/6.37 in) |
| Bolt Circle Diameter | 172 mm (6.77 in) |
| Baffle Cutout Diameter | 147 mm (5.79 in) |
| Depth | 76 mm (2.99 in) |
| Flange and Gasket Thickness | 11 mm (0.43 in) |
| Net Weight | 1.2 kg (2.6 lb) |
| Shipping Box (Single Carton Box) | 190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in) |
| Shipping Weight | 1.3 kg (2.9 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 8 Ohm Version | 01604292 |
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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 | 8 Ohm |
| Minimum Impedance | 6.3 Ohm |
| AES Power Handling (1) | 200 W |
| Maximum Power Handling (2) | 400 W |
| Sensitivity (1W/1m) | 93 dB |
| Frequency Range | 60-6000 Hz |
| Voice Coil Diameter | 44 mm (1.73 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 13.2 mm (0.52 in) |
| Magnetic Gap Depth | 6 mm (0.24 in) |
| Flux Density | 1.5 T |
| Magnet | Neodymium Ring |
| Basket Material | Aluminum |
| Demodulation | Aluminum Ring |
| Cone Surround (3) | Half Roll |
| NET Air Volume filled by Loudspeaker | 0.37 dm ³ (0.013 ft ³) |
| Spider Profile | 1x variable height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 65 Hz |
| Re | 5.3 Ohm |
| Qes | 0.28 |
| Qms | 5.8 |
| Qts | 0.27 |
| Vas | 9.3 dm ³ (0.33 ft ³) |
| Sd | 133 cm ² (20.62 in ²) |
| Xmax (4) | 5.60 mm |
| Xdamage (5) | 11.6 mm |
| Mms | 16.0 g |
| Bl | 11 N/A |
| Le | 0.28 mH |
| Mmd | 14.3 g |
| Cms | 0.37 mm/N |
| Rms | 1.1 kg/s |
| Eta Zero | 0.86 % |
| EBP | 232 Hz |

