

8PR320



8" - 300 W - 95 dB - 8 Ohm

NOMINAL SPECIFICATIONS

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|----------------------------------|---|
| 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 | 99.5 mm (3.92 in) |
| Flange and Gasket Thickness | 11 mm (0.43 in) |
| Net Weight | 2.45 kg (5.4 lb) |
| Shipping Box (Single Carton Box) | 235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in) |
| Shipping Weight | 3.2 kg (7.1 lb) |

PART NUMBER

| | |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 02004338 |
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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 | 6.1 Ohm |
| AES Power Handling (1) | 300 W |
| Maximum Power Handling (2) | 600 W |
| Sensitivity (1W/1m) | 95 dB |
| Frequency Range | 60-4000 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 | 8.2 mm (0.32 in) |
| Flux Density | 1.2 T |
| Magnet | Neodymium Slug |
| Basket Material | Aluminum |
| Demodulation | No |
| Cone Surround (3) | Triple Roll |
| NET Air Volume filled by Loudspeaker | 0.82 dm ³ (0.029 ft ³) |
| Spider Profile | 1x variable height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 65 Hz |
| Re | 5.4 Ohm |
| Qes | 0.43 |
| Qms | 8.2 |
| Qts | 0.41 |
| Vas | 13.1 dm ³ (0.46 ft ³) |
| Sd | 223 cm ² (34.57 in ²) |
| Xmax (4) | 7.33 mm |
| Xdamage (5) | 16.85 mm |
| Mms | 31.7 g |
| Bl | 12.9 N/A |
| Le | 0.52 mH |
| Mmd | 27.9 g |
| Cms | 0.19 mm/N |
| Rms | 1.6 kg/s |
| Eta Zero | 0.83 % |
| EBP | 151 Hz |

