

6FE200



6" - 130 W - 95 dB - 16 Ohm

NOMINAL SPECIFICATIONS

| | |
|----------------------------------|---|
| Nominal Diameter | 160 mm (6 in) |
| Overall Diameter | 167.4 mm (6.59 in) |
| Bolt Circle Diameter | 154 mm (6.06 in) |
| Baffle Cutout Diameter | 144 mm (5.67 in) |
| Depth | 77 mm (3.03 in) |
| Flange and Gasket Thickness | 8 mm (0.31 in) |
| Net Weight | 2 kg (4.4 lb) |
| Shipping Box (Single Carton Box) | 190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in) |
| Shipping Weight | 2.2 kg (4.9 lb) |

PART NUMBER

| | |
|-----------------------------------|----------|
| Faston Terminals - 16 Ohm Version | 01604258 |
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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 | 13.6 Ohm |
| AES Power Handling (1) | 130 W |
| Maximum Power Handling (2) | 260 W |
| Sensitivity (1W/1m) | 95 dB |
| Frequency Range | 85-6000 Hz |
| Voice Coil Diameter | 37 mm (1.46 in) |
| Winding Material | Al |
| Former Material | Kapton |
| Winding Depth | 12 mm (0.47 in) |
| Magnetic Gap Depth | 8 mm (0.31 in) |
| Flux Density | 1 T |
| Magnet | Ferrite Ring |
| Basket Material | Steel |
| Demodulation | No |
| Cone Surround (3) | M-Roll |
| NET Air Volume filled by Loudspeaker | 0.45 dm ³ (0.016 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 120 Hz |
| Re | 12 Ohm |
| Qes | 0.7 |
| Qms | 10.8 |
| Qts | 0.66 |
| Vas | 4.2 dm ³ (0.15 ft ³) |
| Sd | 131 cm ² (20.23 in ²) |
| Xmax (4) | 4.17 mm |
| Xdamage (5) | 10.4 mm |
| Mms | 9.9 g |
| Bl | 11.4 N/A |
| Le | 0.65 mH |
| Mmd | 8.2 g |
| Cms | 0.18 mm/N |
| Rms | 0.7 kg/s |
| Eta Zero | 1.03 % |
| EBP | 171 Hz |

