

3FE25

3" - 20 W - 91 dB - 4 Ohm



NOMINAL SPECIFICATIONS

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|--|---|
| Nominal Diameter | 80 mm (3 in) |
| Overall Diameter | 105.6/81 mm (4.16/3.19 in) |
| Bolt Circle Diameter | 92 mm (3.62 in) |
| Baffle Cutout Diameter | 73.6 mm (2.90 in) |
| Depth | 54.5 mm (2.15 in) |
| Flange and Gasket Thickness | 6.5 mm (0.26 in) |
| Net Weight | 545 g (1.2 lb) |
| Shipping Box (Single Carton Box - 36 units) | 285 x 285 x 255 mm (11.2 x 11.2 x 10.0 in) |
| Shipping Weight (36 units) | 20.8 Kg (45.9 lb) |

PART NUMBER

| | |
|----------------------------------|----------|
| Faston Terminals - 4 Ohm Version | 00804135 |
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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 | 4 Ohm |
| Minimum Impedance | 3.5 Ohm |
| AES Power Handling (1) | 20 W |
| Maximum Power Handling (2) | 40 W |
| Sensitivity (1W/1m) | 91 dB |
| Frequency Range | 100-20000 Hz |
| Voice Coil Diameter | 19 mm (0.75 in) |
| Winding Material | Al |
| Former Material | Kapton |
| Winding Depth | 4.8 mm (0.19 in) |
| Magnetic Gap Depth | 4 mm (0.16 in) |
| Flux Density | 1.1 T |
| Magnet | Ferrite Ring |
| Basket Material | Steel |
| Demodulation | Copper Cap |
| Cone Surround (3) | Half Roll |
| NET Air Volume filled by Loudspeaker | 0.125 dm ³ (0.004 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 110 Hz |
| Re | 3.3 Ohm |
| Qes | 0.73 |
| Qms | 3.9 |
| Qts | 0.62 |
| Vas | 1.15 dm ³ (0.04 ft ³) |
| Sd | 30.2 cm ² (4.68 in ²) |
| Xmax (4) | 1.73 mm |
| Xdamage (5) | 7.9 mm |
| Mms | 2.4 g |
| Bl | 3 N/A |
| Le | 0.04 mH |
| Mmd | 2.3 g |
| Cms | 0.89 mm/N |
| Rms | 0.42 Kg/s |
| Eta Zero | 0.22 % |
| EBP | 151 Hz |

