



6FE200

6" - 130 W - 95 dB

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 | 190 x 185 x 103 mm |
| (Single Carton Box) | (7.5 x 7.3 x 4.1 in) |
| Shipping Weight | 2.2 kg (4.9 lb) |

TECHNICAL PARAMETERS

| | |
|--------------------------------------|---|
| Nominal Impedance | 4 Ω |
| Minimum Impedance | 3.6 Ω |
| AES Power Handling (1) | 130 W |
| Maximum Power Handling (4) | 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 | 11.9 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 (5) | 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 | 3 Ω |
| Qes | 0.51 |
| Qms | 6.2 |
| Qts | 0.41 |
| Vas | 3.6 dm ³ (0.13 ft ³) |
| Sd | 118 cm ² (18.29 in ²) |
| Xmax (2) | 4.62 mm |
| Xdamage (3) | 10.4 mm |
| Mms | 9.7 g |
| Bl | 7 N/A |
| Le | 0.2 mH |
| Mmd | 9.0 g |
| Cms | 0.18 mm/N |
| Rms | 1.17 kg/s |
| η _o (Eta Zero) | 1.35 % |
| EBP | 235 Hz |

NOTE:

- 2 Hours Test According to AES 2-1984 Rev. 2003
- $X_{max} = [(Winding\ Depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth / 3)$
- Maximum excursion before permanent damage
- Maximum power is defined as 3dB greater than nominal power
- Treated Polycotton

