



10FE200

10" - 150 W - 96 dB

NOMINAL SPECIFICATIONS

| | |
|-----------------------------|---------------------------|
| Nominal Diameter | 250 mm (10 in) |
| Overall Diameter | 256.8 mm (10.11 in) |
| Bolt Circle Diameter | 243.8 mm (9.60 in) |
| Baffle Cutout Diameter | 233.8 mm (9.20 in) |
| Depth | 102 mm (4.02 in) |
| Flange and gasket Thickness | 8 mm (0.31 in) |
| Net Weight | 2.2 kg (4.85 lb) |
| Shipping Box | 282 x 280 x 140 mm |
| (Single Carton Box) | (11.10 x 11.02 x 5.51 in) |
| Shipping Weight | 2.6 kg (5.73 lb) |

TECHNICAL PARAMETERS

| | |
|--------------------------------------|--|
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.2 Ω |
| AES Power Handling (1) | 150 W |
| Maximum Power Handling (4) | 300 W |
| Sensitivity (1W/1m) | 96 dB |
| Frequency Range | 50 ÷ 4500 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 (5) | Accordion (4 waves) |
| NET Air Volume filled by Loudspeaker | 0.6 dm ³ (0.021 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|---------------------------|--|
| Fs | 55 Hz |
| Re | 5.9 Ω |
| Qes | 0.74 |
| Qms | 11.3 |
| Qts | 0.7 |
| Vas | 53.4 dm ³ (1.89 ft ³) |
| Sd | 332 cm ² (51.46 in ²) |
| Xmax (2) | 4.67 mm |
| Xdamage (3) | 10.4 mm |
| Mms | 24.5 g |
| Bl | 8.2 N/A |
| Le | 0.42 mH |
| Mmd | 21.2 g |
| Cms | 0.34 mm/N |
| Rms | 0.75 kg/s |
| η _o (Eta Zero) | 1.16 % |
| EBP | 74 Hz |

NOTE:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) $X_{max} = [(Winding\ Depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth / 3)$
- (3) Maximum excursion before permanent damage
- (4) Maximum power is defined as 3dB greater than nominal power
- (5) Treated Polycotton

