



4FE32

4" - 30 W - 91 dB

NOMINAL SPECIFICATIONS

| | |
|-------------------------------|--------------------------------|
| Nominal Diameter | 100 mm (4 in) |
| Overall Diameter | 129.85/100.5 mm (5.11/3.96 in) |
| Bolt Circle Diameter | 115.26 mm (4.54 in) |
| Baffle Cutout Diameter | 91.5 mm (3.60 in) |
| Depth | 49.8 mm (1.96 in) |
| Flange and gasket Thickness | 7.2 mm (0.28 in) |
| Net Weight | 270 g (0.60 lb) |
| Shipping Box | 225 x 225 x 150 mm |
| (Single Carton Box - 8 units) | (8.86 x 8.86 x 5.91 in) |
| Shipping Weight (8 units) | 2.8 kg (6.17 lb) |

TECHNICAL PARAMETERS

| | |
|--------------------------------------|--|
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 7 Ω |
| AES Power Handling (1) | 30 W |
| Maximum Power Handling (4) | 60 W |
| Sensitivity (1W/1m) | 91 dB |
| Frequency Range | 90 ÷ 20000 Hz |
| Voice Coil Diameter | 19 mm (0.75 in) |
| Winding Material | Al |
| Former Material | Kapton |
| Winding Depth | 6.8 mm (0.27 in) |
| Magnetic Gap Depth | 4 mm (0.16 in) |
| Flux Density | 1.4 T |
| Magnet | Neodymium Ring |
| Basket Material | Steel |
| Demodulation | No |
| Cone Surround (5) | Half Roll |
| NET Air Volume filled by Loudspeaker | 0,075 dm ³ (0.003 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|---------------------------|--|
| Fs | 100 Hz |
| Re | 6.5 Ω |
| Qes | 0.7 |
| Qms | 4.9 |
| Qts | 0.6 |
| Vas | 1.97 dm ³ (0.07 ft ³) |
| Sd | 48 cm ² (7.44 in ²) |
| Xmax (2) | 2.73 mm |
| Xdamage (3) | 6.8 mm |
| Mms | 4.2 g |
| Bl | 4.8 N/A |
| Le | 0.18 mH |
| Mmd | 3.9 g |
| Cms | 0.6 mm/N |
| Rms | 0.5 kg/s |
| η _e (Eta Zero) | 0.25 % |
| EBP | 143 Hz |

NOTE:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
 - (2) Xmax = [(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) NBR
- Packaged and sold in multiples of 8 units

