



8PR200

8" - 200 W - 95 dB

NOMINAL SPECIFICATIONS

| | |
|-----------------------------|--------------------------------|
| Nominal Diameter | 200 mm (8 in) |
| Overall Diameter | 223.75/207.9 mm (8.81/8.18 in) |
| Bolt Circle Diameter | 210 mm (8.27 in) |
| Baffle Cutout Diameter | 183 mm (7.2 in) |
| Depth | 116.7 mm (4.59 in) |
| Flange and gasket Thickness | 10.7 mm (0.42 in) |
| Net Weight | 2.1 kg (4.63 lb) |
| Shipping Box | 235 x 235 x 155 mm |
| (Single Carton Box) | (9.25 x 9.25 x 6.1 in) |
| Shipping Weight | 3 kg (6.61 lb) |

TECHNICAL PARAMETERS

| | |
|--------------------------------------|--|
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.4 Ω |
| AES Power Handling (1) | 200 W |
| Maximum Power Handling (4) | 400 W |
| Sensitivity (1W/1m) | 95 dB |
| Frequency Range | 70 ÷ 5000 Hz |
| Voice Coil Diameter | 52 mm (2 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 19.3 mm (0.76 in) |
| Magnetic Gap Depth | 9 mm (0.35 in) |
| Flux Density | 1.15 T |
| Magnet | Neodymium Ring |
| Basket Material | Aluminum |
| Demodulation | Aluminum Ring |
| Cone Surround (5) | Triple Roll |
| NET Air Volume filled by Loudspeaker | 1 dm ³ (0.035 ft ³) |
| Spider Profile | 1x variable height waves |

THIELE & SMALL PARAMETERS

| | |
|---------------------------|--|
| Fs | 58 Hz |
| Re | 5.1 Ω |
| Qes | 0.38 |
| Qms | 9.4 |
| Qts | 0.36 |
| Vas | 15.1 dm ³ (0.53 ft ³) |
| Sd | 196 cm ² (30.4 in ²) |
| Xmax (2) | 8.15 mm |
| Xdamage (3) | 13.5 mm |
| Mms | 27.2 g |
| Bl | 11.5 N/A |
| Le | 0.55 mH |
| Mmd | 25.6 g |
| Cms | 0.28 mm/N |
| Rms | 1.04 kg/s |
| η _o (Eta Zero) | 0.76 % |
| EBP | 153 Hz |

NOTE:

- 2 Hours Test According to AES 2-1984 Rev. 2003
- Xmax = [(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

