

6PR160



6" - 120 W - 95 dB - 8 Ohm

NOMINAL SPECIFICATIONS

| | |
|----------------------------------|---|
| Nominal Diameter | 160 mm (6 in) |
| Overall Diameter | 186.5/162 mm (7.34/6.37 in) |
| Bolt Circle Diameter | 172 mm (6.77 in) |
| Baffle Cutout Diameter | 147 mm (5.79 in) |
| Depth | 73 mm (2.87 in) |
| Flange and Gasket Thickness | 9 mm (0.35 in) |
| Net Weight | 1 kg (2.2 lb) |
| Shipping Box (Single Carton Box) | 190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in) |
| Shipping Weight | 1.1 kg (2.4 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 8 Ohm Version | 01604294 |
|--------------------------------|----------|

NOTES:

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

TECHNICAL PARAMETERS

| | |
|--------------------------------------|---|
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 7 Ohm |
| AES Power Handling (1) | 120 W |
| Maximum Power Handling (2) | 240 W |
| Sensitivity (1W/1m) | 95 dB |
| Frequency Range | 80-8000 Hz |
| Voice Coil Diameter | 37 mm (1.46 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 12 mm (0.47 in) |
| Magnetic Gap Depth | 6 mm (0.24 in) |
| Flux Density | 1.6 T |
| Magnet | Neodymium Ring |
| Basket Material | Aluminum |
| Demodulation | Aluminum Ring |
| Cone Surround (3) | Triple Roll |
| NET Air Volume filled by Loudspeaker | 0.37 dm ³ (0.013 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 90 Hz |
| Re | 5.9 Ohm |
| Qes | 0.35 |
| Qms | 6.6 |
| Qts | 0.33 |
| Vas | 5.9 dm ³ (0.21 ft ³) |
| Sd | 130 cm ² (20.10 in ²) |
| Xmax (4) | 5.00 mm |
| Xdamage (5) | 11.6 mm |
| Mms | 12.5 g |
| Bl | 11 N/A |
| Le | 0.28 mH |
| Mmd | 10.8 g |
| Cms | 0.25 mm/N |
| Rms | 1.1 kg/s |
| Eta Zero | 1.21 % |
| EBP | 261 Hz |

