

6PR122



6" - 120 W - 97 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 | 78 mm (3.07 in) |
| Flange and Gasket Thickness | 9.5 mm (0.37 in) |
| Net Weight | 1.3 kg (2.8 lb) |
| Shipping Box (Single Carton Box) | 190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in) |
| Shipping Weight | 1.5 kg (3.2 lb) |

PART NUMBER

| | |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 01604160 |
|----------------------------------|----------|

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 | 6.8 Ohm |
| AES Power Handling (1) | 120 W |
| Maximum Power Handling (2) | 240 W |
| Sensitivity (1W/1m) | 97 dB |
| Frequency Range | 125-10000 Hz |
| Voice Coil Diameter | 37 mm (1.46 in) |
| Winding Material | Al |
| Former Material | Kapton |
| Winding Depth | 7.5 mm (0.30 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) | Half Roll |
| NET Air Volume filled by Loudspeaker | 0.38 dm ³ (0.013 ft ³) |
| Spider Profile | 1x constant height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 110 Hz |
| Re | 6 Ohm |
| Qes | 0.44 |
| Qms | 3.3 |
| Qts | 0.39 |
| Vas | 4.7 dm ³ (0.17 ft ³) |
| Sd | 137.3 cm ² (21.28 in ²) |
| Xmax (4) | 2.75 mm |
| Xdamage (5) | 11.6 mm |
| Mms | 11.7 g |
| Bl | 10.5 N/A |
| Le | 0.15 mH |
| Mmd | 9.9 g |
| Cms | 0.18 mm/N |
| Rms | 2.4 kg/s |
| Eta Zero | 1.38 % |
| EBP | 250 Hz |

