

# 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)
<b>Net Weight</b>	<b>1.3 Kg (2.8 lb)</b>
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
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## 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
<b>Maximum Power Handling (2)</b>	<b>240 W</b>
<b>Sensitivity (1W/1m)</b>	<b>97 dB</b>
Frequency Range	125-10000 Hz
<b>Voice Coil Diameter</b>	<b>37 mm (1.46 in)</b>
Winding Material	Al
Former Material	Kapton
Winding Depth	7.5 mm (0.30 in)
<b>Magnetic Gap Depth</b>	<b>6 mm (0.24 in)</b>
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 <sup>3</sup> (0.013 ft <sup>3</sup> )
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 <sup>3</sup> (0.17 ft <sup>3</sup> )
Sd	137.3 cm <sup>2</sup> (21.28 in <sup>2</sup> )
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

