

# 6PR110



6" - 150 W - 96 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	80 mm (3.15 in)
Flange and Gasket Thickness	9.5 mm (0.37 in)
<b>Net Weight</b>	<b>2.2 kg (4.9 lb)</b>
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in)
Shipping Weight	2.4 kg (5.3 lb)

## PART NUMBER

Faston Terminals - 8 Ohm Version	01604091
Recone Kit - 8 Ohm Version	R1604160

## 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)	150 W
<b>Maximum Power Handling (2)</b>	<b>300 W</b>
<b>Sensitivity (1W/1m)</b>	<b>96 dB</b>
Frequency Range	100-6000 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	1.35 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	0.7 dm <sup>3</sup> (0.025 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	6 Ohm
Qes	0.60
Qms	4.2
Qts	0.53
Vas	5.6 dm <sup>3</sup> (0.20 ft <sup>3</sup> )
Sd	137 cm <sup>2</sup> (21.28 in <sup>2</sup> )
Xmax (4)	2.75 mm
Xdamage (5)	11.6 mm
Mms	12.0 g
Bl	8.5 N/A
Le	0.22 mH
Mmd	10.2 g
Cms	0.20 mm/N
Rms	1.8 kg/s
Eta Zero	0.86 %
EBP	167 Hz

