

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
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	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

