



6PR122

6" - 120 W - 97 dB

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	190 x 185 x 103 mm
(Single Carton Box)	(7.5 x 7.3 x 4.1 in)
Shipping Weight	1.5 kg (3.2 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
AES Power Handling (1)	120 W
Maximum Power Handling (4)	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	Aluminium
Demodulation	Aluminium Ring
Cone Surround (5)	Half Roll
NET Air Volume filled by Loudspeaker	0.54 dm ³ (0.019 ft ³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	110 Hz
Re	6 Ω
Qes	0.44
Qms	3.3
Qts	0.39
Vas	4.2 dm ³ (0.15 ft ³)
Sd	129 cm ² (20.00 in ²)
Xmax (2)	2.75 mm
Xdamage (3)	11.6 mm
Mms	11.7 g
Bl	10.5 N/A
Le	0.15 mH
Mmd	10.9 g
Cms	0.18 mm/N
Rms	2.42 kg/s
η _o (Eta Zero)	1.22 %
EBP	250 Hz

NOTE:

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

