

6PR150

6" - 150 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 (5.78 in)
Depth	89 mm (3.50 in)
Flange and Gasket Thickness	9.3 mm (0.37 in)
Net Weight	1.4 Kg (3.1 lb)
Shipping Box (Single Carton Box)	195 x 195 x 141 mm (7.7 x 7.7 x 5.6 in)
Shipping Weight	1.6 Kg (3.5 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	01603976
--------------------------------	----------

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	6.6 Ohm
AES Power Handling (1)	150 W
Maximum Power Handling (2)	300 W
Sensitivity (1W/1m)	97 dB
Frequency Range	100-5000 Hz
Voice Coil Diameter	52 mm (2 in)
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	7.3 mm (0.29 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.35 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	0.6 dm ³ (0.021 ft ³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	5.5 Ohm
Qes	0.35
Qms	8.8
Qts	0.33
Vas	4.4 dm ³ (0.16 ft ³)
Sd	129 cm ² (20.00 in ²)
Xmax (4)	2.65 mm
Xdamage (5)	11.6 mm
Mms	13.5 g
Bl	11.6 N/A
Le	0.28 mH
Mmd	12.7 g
Cms	0.19 mm/N
Rms	0.96 Kg/s
Eta Zero	1.24 %
EBP	286 Hz

