

8PR210

8" - 200 W - 94 dB - 16 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.7/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	98.5 mm (3.88 in)
Flange and Gasket Thickness	10.8 mm (0.43 in)
Net Weight	4.3 kg (9.5 lb)
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	4.6 kg (10.1 lb)

PART NUMBER

Faston Terminals - 16 Ohm Version	02004270
-----------------------------------	----------

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	16 Ohm
Minimum Impedance	13.6 Ohm
AES Power Handling (1)	200 W
Maximum Power Handling (2)	400 W
Sensitivity (1W/1m)	94 dB
Frequency Range	70-5000 Hz
Voice Coil Diameter	52 mm (2.05 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	17 mm (0.67 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.3 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	Triple Roll
NET Air Volume filled by Loudspeaker	1.06 dm ³ (0.037 ft ³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	65 Hz
Re	11.2 Ohm
Qes	0.37
Qms	4.3
Qts	0.34
Vas	15.7 dm ³ (0.56 ft ³)
Sd	216 cm ² (33.48 in ²)
Xmax (4)	7.17 mm
Xdamage (5)	15.7 mm
Mms	24.8 g
Bl	17.4 N/A
Le	0.75 mH
Mmd	21.2 g
Cms	0.24 mm/N
Rms	2.3 kg/s
Eta Zero	1.12 %
EBP	176 Hz

