



# 8PR210

8" - 200 W - 95 dB

## 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)
<b>Net Weight</b>	<b>4.3 kg (9.5 lb)</b>
Shipping Box	235 x 235 x 155 mm
(Single Carton Box)	(9.3 x 9.3 x 6.1 in)
Shipping Weight	4.6 kg (10.1 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	7 Ω
AES Power Handling (1)	200 W
<b>Maximum Power Handling (4)</b>	<b>400 W</b>
<b>Sensitivity (1W/1m)</b>	<b>95 dB</b>
Frequency Range	70 ÷ 5000 Hz
<b>Voice Coil Diameter</b>	<b>52 mm (2 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	16.5 mm (0.65 in)
<b>Magnetic Gap Depth</b>	<b>8 mm (0.31 in)</b>
Flux Density	1.3 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	1.06 dm <sup>3</sup> (0.037 ft <sup>3</sup> )
Spider Profile	1x variable height waves

## THIELE & SMALL PARAMETERS

Fs	65 Hz
Re	5.7 Ω
Qes	0.32
Qms	3.1
Qts	0.29
Vas	12.9 dm <sup>3</sup> (0.46 ft <sup>3</sup> )
Sd	196 cm <sup>2</sup> (30.38 in <sup>2</sup> )
Xmax (2)	6.92 mm
Xdamage (3)	15.7 mm
Mms	25.3 g
Bl	13.5 N/A
Le	0.46 mH
Mmd	23.7 g
Cms	0.24 mm/N
Rms	3.38 kg/s
η <sub>o</sub> (Eta Zero)	1.06 %
EBP	203 Hz

### NOTE:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Xmax = [(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

