

# 8PR200



8" - 200 W - 95 dB - 8 Ohm

## NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.75/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	116.7 mm (4.59 in)
Flange and Gasket Thickness	10.7 mm (0.42 in)
<b>Net Weight</b>	<b>2.1 kg (4.6 lb)</b>
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	2.5 kg (5.5 lb)

## PART NUMBER

Push Terminals - 8 Ohm Version	02003993
Recone Kit - 8 Ohm Version	R2003993

## 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	6.4 Ohm
AES Power Handling (1)	200 W
<b>Maximum Power Handling (2)</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	19.3 mm (0.76 in)
<b>Magnetic Gap Depth</b>	<b>9 mm (0.35 in)</b>
Flux Density	1.15 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	Triple Roll
NET Air Volume filled by Loudspeaker	1 dm <sup>3</sup> (0.035 ft <sup>3</sup> )
Spider Profile	1x variable height waves

## THIELE & SMALL PARAMETERS

Fs	58 Hz
Re	5.1 Ohm
Qes	0.38
Qms	9.4
Qts	0.37
Vas	16.9 dm <sup>3</sup> (0.60 ft <sup>3</sup> )
Sd	209 cm <sup>2</sup> (32.40 in <sup>2</sup> )
Xmax (4)	8.15 mm
Xdamage (5)	13.5 mm
Mms	27.2 g
Bl	11.5 N/A
Le	0.55 mH
Mmd	23.8 g
Cms	0.28 mm/N
Rms	1.1 kg/s
Eta Zero	0.84 %
EBP	153 Hz

