

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)
Net Weight	2.1 kg (4.6 lb)
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
--------------------------------	----------

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
Maximum Power Handling (2)	400 W
Sensitivity (1W/1m)	95 dB
Frequency Range	70-5000 Hz
Voice Coil Diameter	52 mm (2 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	19.3 mm (0.76 in)
Magnetic Gap Depth	9 mm (0.35 in)
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 ³ (0.035 ft ³)
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 ³ (0.60 ft ³)
Sd	209 cm ² (32.40 in ²)
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

