



8PR200

8" - 200 W - 94 dB

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	235 x 235 x 155 mm
(Single Carton Box)	(9.3 x 9.3 x 6.1 in)
Shipping Weight	2.5 kg (5.5 lb)

TECHNICAL PARAMETERS

Nominal Impedance	16 Ω
Minimum Impedance	14 Ω
AES Power Handling (1)	200 W
Maximum Power Handling (4)	400 W
Sensitivity (1W/1m)	94 dB
Frequency Range	70 ÷ 5000 Hz
Voice Coil Diameter	52 mm (2 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	20.3 mm (0.80 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 (5)	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	60 Hz
Re	11.8 Ω
Qes	0.49
Qms	8.8
Qts	0.47
Vas	14.4 dm ³ (0.51 ft ³)
Sd	196 cm ² (30.38 in ²)
Xmax (2)	8.65 mm
Xdamage (3)	13.5 mm
Mms	26.7 g
Bl	15.5 N/A
Le	0.87 mH
Mmd	25.15 g
Cms	0.26 mm/N
Rms	1.14 kg/s
η _o (Eta Zero)	0.61 %
EBP	122 Hz

NOTE:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) $X_{max} = [(Winding\ Depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth / 3)$
- (3) Maximum excursion before permanent damage
- (4) Maximum power is defined as 3dB greater than nominal power
- (5) Treated Polycotton

