



8PR155

8" - 200 W - 97 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)
Net Weight	4.3 kg (9.5 lb)
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	6.4 Ω
AES Power Handling (1)	200 W
Maximum Power Handling (4)	400 W
Sensitivity (1W/1m)	97 dB
Frequency Range	80 ÷ 6300 Hz
Voice Coil Diameter	52 mm (2 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	9.8 mm (0.39 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 (5)	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	90 Hz
Re	5.3 Ω
Qes	0.41
Qms	8.5
Qts	0.39
Vas	8.3 dm ³ (0.29 ft ³)
Sd	207 cm ² (32.09 in ²)
Xmax (2)	3.57 mm
Xdamage (3)	10.65 mm
Mms	23.0 g
Bl	13 N/A
Le	0.41 mH
Mmd	21.2 g
Cms	0.14 mm/N
Rms	1.53 kg/s
η _o (Eta Zero)	1.44 %
EBP	220 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

