



# 8FE200

8" - 130 W - 95 dB

## NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	209.2 mm (8.24 in)
Bolt Circle Diameter	196.9 mm (7.75 in)
Baffle Cutout Diameter	178 mm (7.01 in)
Depth	89 mm (3.50 in)
Flange and gasket Thickness	8 mm (0.31 in)
<b>Net Weight</b>	<b>2.2 kg (4.7 lb)</b>
Shipping Box	227 x 224 x 113 mm
(Single Carton Box)	(8.9 x 8.8 x 4.4 in)
Shipping Weight	3 kg (6.6 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
AES Power Handling (1)	130 W
<b>Maximum Power Handling (4)</b>	<b>260 W</b>
<b>Sensitivity (1W/1m)</b>	<b>95 dB</b>
Frequency Range	60 ÷ 5000 Hz
<b>Voice Coil Diameter</b>	<b>37 mm (1.46 in)</b>
Winding Material	Al
Former Material	Kapton
Winding Depth	12 mm (0.47 in)
<b>Magnetic Gap Depth</b>	<b>8 mm (0.31 in)</b>
Flux Density	1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	0.6 dm <sup>3</sup> (0.021 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	80 Hz
Re	5.9 Ω
Qes	0.66
Qms	13.0
Qts	0.63
Vas	13.6 dm <sup>3</sup> (0.48 ft <sup>3</sup> )
Sd	191 cm <sup>2</sup> (29.61 in <sup>2</sup> )
Xmax (2)	4.67 mm
Xdamage (3)	10.4 mm
Mms	15.0 g
Bl	8.2 N/A
Le	0.44 mH
Mmd	13.5 g
Cms	0.26 mm/N
Rms	0.6 kg/s
η <sub>o</sub> (Eta Zero)	1.02 %
EBP	121 Hz

### NOTE:

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

