

# 6FE400

6" - 200 W - 93 dB - 4 Ohm



## NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	166.5 mm (6.56 in)
Bolt Circle Diameter	155 mm (6.10 in)
Baffle Cutout Diameter	146 mm (5.75 in)
Depth	84 mm (3.31 in)
Flange and Gasket Thickness	7 mm (0.28 in)
<b>Net Weight</b>	<b>2.7 kg (6.0 lb)</b>
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.48 x 7.28 x 4.05 in)
Shipping Weight	2.9 kg (6.4 lb)

## PART NUMBER

Faston Terminals - 8 Ohm Version	01604428
----------------------------------	----------

## 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	4 Ohm
Minimum Impedance	3.9 Ohm
AES Power Handling (1)	200 W
<b>Maximum Power Handling (2)</b>	<b>400 W</b>
<b>Sensitivity (1W/1m)</b>	<b>93 dB</b>
Frequency Range	100-7000 Hz
<b>Voice Coil Diameter</b>	<b>44 mm (1.73 in)</b>
Winding Material	Al
Former Material	Al
Winding Depth	12.4 mm (0.48 in)
<b>Magnetic Gap Depth</b>	<b>8 mm (0.31 in)</b>
Flux Density	1.10 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround (3)	Triple Roll
NET Air Volume filled by Loudspeaker	0.7 dm <sup>3</sup> (0.025 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	3.4 Ohm
Qes	0.39
Qms	3.8
Qts	0.36
Vas	4.9 dm <sup>3</sup> (0.17 ft <sup>3</sup> )
Sd	141 cm <sup>2</sup> (21.86 in <sup>2</sup> )
Xmax (4)	4.87 mm
Xdamage (5)	15.5 mm
Mms	14.2 g
Bl	8.8 N/A
Le	0.42 mH
Mmd	12.4 g
Cms	0.18 mm/N
Rms	2.4 kg/s
Eta Zero	1.22 %
EBP	254 Hz

