

# 6FE300



6" - 175 W - 92 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	81 mm (3.19 in)
Flange and Gasket Thickness	7 mm (0.28 in)
<b>Net Weight</b>	<b>2.8 kg (6.2 lb)</b>
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.48 x 7.28 x 4.05 in)
Shipping Weight	3 kg (6.6 lb)

## PART NUMBER

Faston Terminals - 4 Ohm Version	01604350
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## 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	3.4 Ohm
AES Power Handling (1)	175 W
<b>Maximum Power Handling (2)</b>	<b>350 W</b>
<b>Sensitivity (1W/1m)</b>	<b>92 dB</b>
Frequency Range	100-4000 Hz
<b>Voice Coil Diameter</b>	<b>52 mm (2.05 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	9.8 mm (0.39 in)
<b>Magnetic Gap Depth</b>	<b>6 mm (0.24 in)</b>
Flux Density	1.15 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround (3)	M-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	98 Hz
Re	3 Ohm
Qes	0.43
Qms	9.8
Qts	0.41
Vas	4.4 dm <sup>3</sup> (0.15 ft <sup>3</sup> )
Sd	138 cm <sup>2</sup> (21.39 in <sup>2</sup> )
Xmax (4)	3.90 mm
Xdamage (5)	16.7 mm
Mms	16.0 g
Bl	8.33 N/A
Le	0.26 mH
Mmd	14.2 g
Cms	0.16 mm/N
Rms	1.0 kg/s
Eta Zero	0.94 %
EBP	230 Hz

