

# 4FE32



4" - 30 W - 91 dB - 16 Ohm

## NOMINAL SPECIFICATIONS

Nominal Diameter	100 mm (4 in)
Overall Diameter	129.85/100.5 mm (5.1/3.9 in)
Bolt Circle Diameter	115.26 mm (4.54 in)
Baffle Cutout Diameter	91.5 mm (3.60 in)
Depth	49.8 mm (1.96 in)
Flange and Gasket Thickness	7.2 mm (0.28 in)
<b>Net Weight</b>	<b>270 g (0.60 lb)</b>
Shipping Box (Single Carton Box - 8 units)	225 x 225 x 150 mm (8.9 x 8.9 x 5.9 in)
Shipping Weight (8 units)	2.8 kg (6.17 lb)

## PART NUMBER

Faston Terminals - 16 Ohm Version	01004101
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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) NBR (Rubber)
- (4)  $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- (5) Maximum excursion before permanent damage

## TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	13.1 Ohm
AES Power Handling (1)	30 W
<b>Maximum Power Handling (2)</b>	<b>60 W</b>
<b>Sensitivity (1W/1m)</b>	<b>91 dB</b>
Frequency Range	90-20000 Hz
<b>Voice Coil Diameter</b>	<b>19 mm (0.75 in)</b>
Winding Material	Al
Former Material	Kapton
Winding Depth	5 mm (0.20 in)
<b>Magnetic Gap Depth</b>	<b>4 mm (0.16 in)</b>
Flux Density	1.4 T
Magnet	Neodymium Ring
Basket Material	Steel
Demodulation	No
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	0.075 dm <sup>3</sup> (0.003 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	12.3 Ohm
Qes	1.02
Qms	3.8
Qts	0.81
Vas	2.4 dm <sup>3</sup> (0.08 ft <sup>3</sup> )
Sd	51.9 cm <sup>2</sup> (8.04 in <sup>2</sup> )
Xmax (4)	1.83 mm
Xdamage (5)	6.8 mm
Mms	4 g
Bl	5.5 N/A
Le	0.25 mH
Mmd	3.6 g
Cms	0.63 mm/N
Rms	0.7 kg/s
Eta Zero	0.23 %
EBP	98 Hz

