

# 3FE26



3" - 20 W - 90 dB - 16 Ohm

## NOMINAL SPECIFICATIONS

Nominal Diameter	80 mm (3 in)
Overall Diameter	105.6/81 mm (4.16/3.19 in)
Bolt Circle Diameter	92 mm (3.62 in)
Baffle Cutout Diameter	73.6 mm (2.90 in)
Depth	39.7 mm (1.56 in)
Flange and Gasket Thickness	4.7 mm (0.19 in)
<b>Net Weight</b>	<b>150 g (0.5 lb)</b>
Shipping Box (Single Carton Box - 36 units)	285 x 285 x 255 mm (11.2 x 11.2 x 10.0 in)
Shipping Weight (36 units)	6.8 kg (15.0 lb)

## PART NUMBER

Faston Terminals - 16 Ohm Version	00804359
-----------------------------------	----------

## 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	16 Ohm
Minimum Impedance	12.9 Ohm
AES Power Handling (1)	20 W
<b>Maximum Power Handling (2)</b>	<b>40 W</b>
<b>Sensitivity (1W/1m)</b>	<b>90 dB</b>
Frequency Range	150-20000 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>3 mm (0.12 in)</b>
Flux Density	1.2 T
Magnet	Neodymium Ring
Basket Material	Steel
Demodulation	No
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	0.040 dm <sup>3</sup> (0.001 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	150 Hz
Re	12.3 Ohm
Qes	1.56
Qms	3.49
Qts	1.08
Vas	0.9 dm <sup>3</sup> (0.03 ft <sup>3</sup> )
Sd	33 cm <sup>2</sup> (5.12 in <sup>2</sup> )
Xmax (4)	2.00 mm
Xdamage (5)	7.9 mm
Mms	1.9 g
Bl	3.9 N/A
Le	0.18 mH
Mmd	1.7 g
Cms	0.59 mm/N
Rms	0.6 kg/s
Eta Zero	0.20 %
EBP	43 Hz

