

4FE32

4" - 30 W - 91 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	100 mm (4 in)
Overall Diameter	129.85/100.5 mm (5.11/3.96 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)
Net Weight	270 g (0.6 lb)
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 (6.2 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01004084
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NOTES:

- Packaged and sold in multiples of 8 units
- (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	8 Ohm
Minimum Impedance	7 Ohm
AES Power Handling (1)	30 W
Maximum Power Handling (2)	60 W
Sensitivity (1W/1m)	91 dB
Frequency Range	90~20000 Hz
Voice Coil Diameter	19 mm (0.75 in)
Winding Material	Al
Former Material	Kapton
Winding Depth	6.8 mm (0.27 in)
Magnetic Gap Depth	4 mm (0.16 in)
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^3 (0.003 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	6.5 Ohm
Qes	0.70
Qms	4.9
Qts	0.61
Vas	2.3 dm^3 (0.08 ft^3)
Sd	51.9 cm^2 (8.04 in^2)
Xmax (4)	2.73 mm
Xdamage (5)	6.8 mm
Mms	4.2 g
Bl	4.8 N/A
Le	0.18 mH
Mmd	3.8 g
Cms	0.60 mm/N
Rms	0.5 kg/s
Eta Zero	0.30 %
EBP	143 Hz

