

5FE120

5" - 80 W - 89 dB - 16 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	130 mm (5 in)
Overall Diameter	144.8/124.5 mm (5.7/4.9 in)
Bolt Circle Diameter	133 mm (5.24 in)
Baffle Cutout Diameter	114 mm (4.49 in)
Depth	71.5 mm (2.81 in)
Flange and Gasket Thickness	6.5 mm (0.25 in)
Net Weight	1.1 kg (2.5 lb)
Shipping Box (Single Carton Box - 8 units)	302 x 275 x 186 mm (11.9 x 10.8 x 7.3 in)
Shipping Weight (8 units)	9.6 kg (21.2 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01304352
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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	13.2 Ohm
AES Power Handling (1)	80 W
Maximum Power Handling (2)	160 W
Sensitivity (1W/1m)	89 dB
Frequency Range	63-6300 Hz
Voice Coil Diameter	32 mm (1.26 in)
Winding Material	Cu
Former Material	Kapton
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	Aluminum Ring
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	0.3 dm ³ (0.011 ft ³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	65 Hz
Re	11.8 Ohm
Qes	0.54
Qms	8.6
Qts	0.51
Vas	6.6 dm ³ (0.23 ft ³)
Sd	84.3 cm ² (13.07 in ²)
Xmax (4)	5.25 mm
Xdamage (5)	9.5 mm
Mms	9.0 g
Bl	9 N/A
Le	0.76 mH
Mmd	8.1 g
Cms	0.67 mm/N
Rms	0.4 kg/s
Eta Zero	0.33 %
EBP	120 Hz

