PROFESSIONAL LOUDSPEAKERS

6FE100

6" - 100 W - 91 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	181.2/164 mm (7.13/6.46 in)
Bolt Circle Diameter	167 mm (6.57 in)
Baffle Cutout Diameter	147 mm (5.79 in)
Depth	84.5 mm (3.33 in)
Flange and Gasket Thickness	8 mm (0.31 in)
Net Weight	**1.2 kg (2.6 lb)**
Shipping Box (Single Carton Box - 4 units)	393 x 380 x 128 mm (15.5 x 15.0 x 5.0 in)
Shipping Weight (4 units)	5.6 kg (12.3 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01603942

NOTES:

Packaged and sold in multiples of 4 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) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

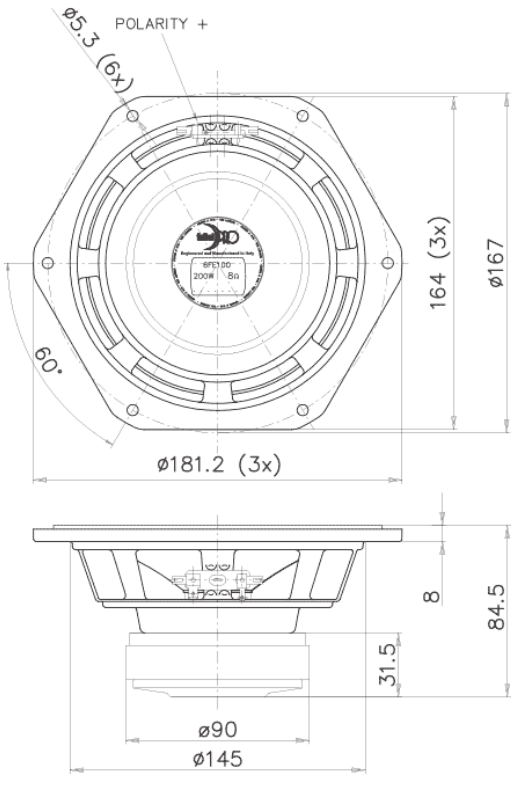
(5) Maximum excursion before permanent damage

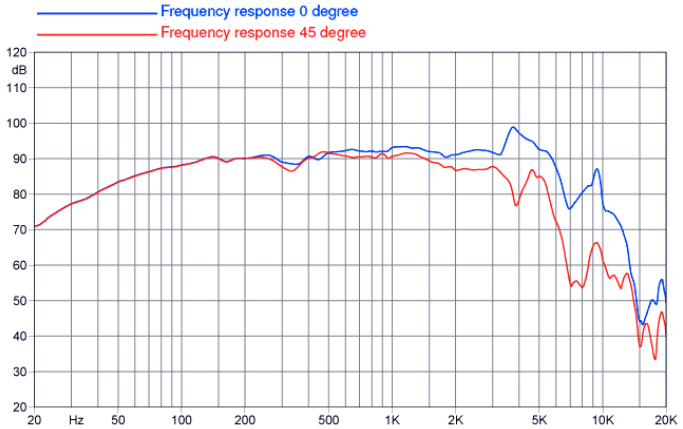
TECHNICAL PARAMETERS

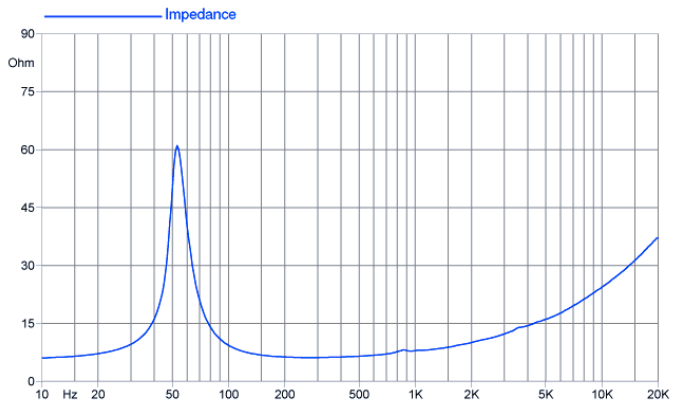
Nominal Impedance	8 Ohm
Minimum Impedance	5.9 Ohm
AES Power Handling **(1)**	100 W
Maximum Power Handling (2)	**200 W**
Sensitivity (1W/1m)	**91 dB**
Frequency Range	63÷5000 Hz
Voice Coil Diameter	**32 mm (1.26 in)**
Winding Material	Cu
Former Material	Kapton
Winding Depth	12.5 mm (0.49 in)
Magnetic 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	0.4 dm^3 (0.014 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	61 Hz
Re	5.4 Ohm
Qes	0.60
Qms	6.0
Qts	0.55
Vas	15.1 dm^3 (0.53 ft^3)
Sd	149 cm^2 (23.10 in^2)
Xmax **(4)**	5.25 mm
Xdamage **(5)**	13.15 mm
Mms	14.0 g
Bl	6.8 N/A
Le	0.5 mH
Mmd	11.9 g
Cms	0.48 mm/N
Rms	0.90 kg/s
Eta Zero	0.53 %
EBP	102 Hz







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