PROFESSIONAL LOUDSPEAKERS

6FE125

6" - 100 W - 91 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	181.8 mm (7.15 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	01604364

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) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

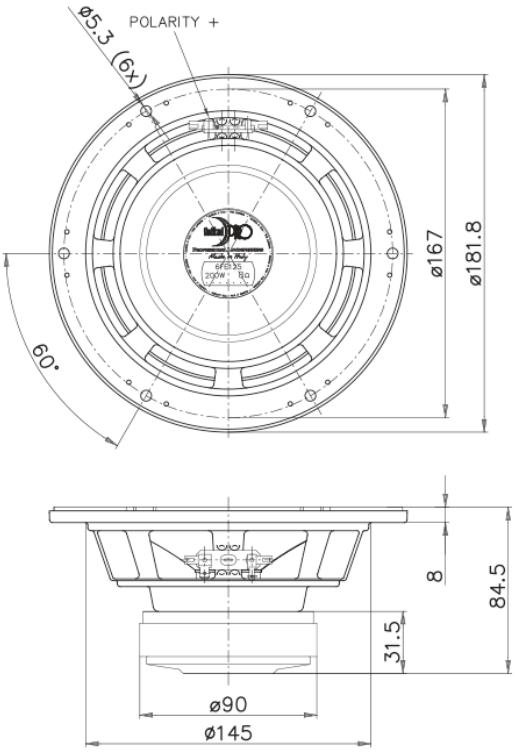
(5) Maximum excursion before permanent damage

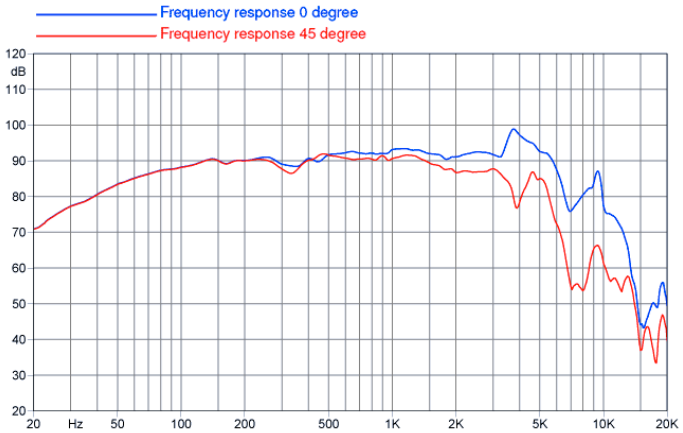
TECHNICAL PARAMETERS

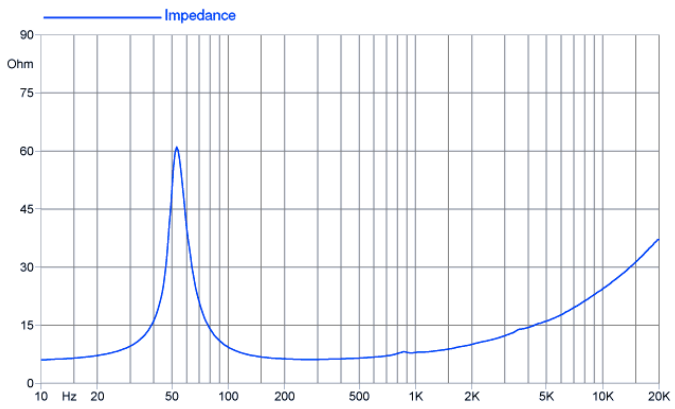
Nominal Impedance	8 Ohm
Minimum Impedance	5.9 Ohm
AES Power Handling **(1)**	100 W
Maximum Power Handling (2)	**200 W**
Sensitivity (1W/1m)	**91 dB**
Frequency Range	63÷5000 Hz
Voice Coil Diameter	**32 mm (1.26 in)**
Winding Material	Cu
Former Material	Kapton
Winding Depth	12.5 mm (0.49 in)
Magnetic 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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