PROFESSIONAL LOUDSPEAKERS

5FE105

5" - 80 W - 88 dB - 8 Ohm

NOMINAL SPECIFICATIONS

Nominal Diameter	130 mm (5 in)
Overall Diameter	146.4 mm (5.8 in)
Bolt Circle Diameter	133 mm (5.24 in)
Baffle Cutout Diameter	114 mm (4.49 in)
Depth	72.8 mm (2.86 in)
Flange and Gasket Thickness	7.8 mm (0.30 in)
Net Weight	**1.12 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)	10.1 kg (22.3 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01304362

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)

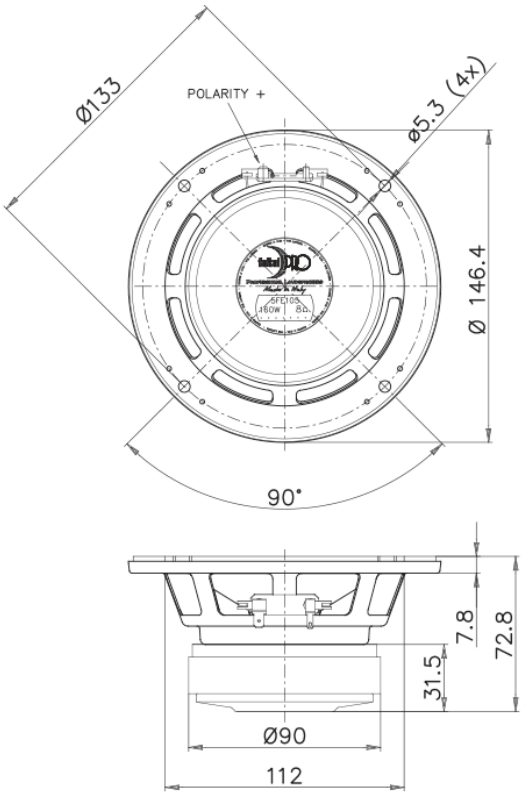
(5) Maximum excursion before permanent damage

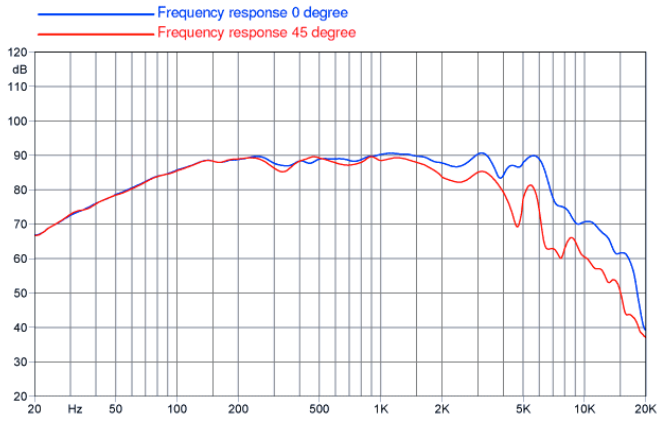
TECHNICAL PARAMETERS

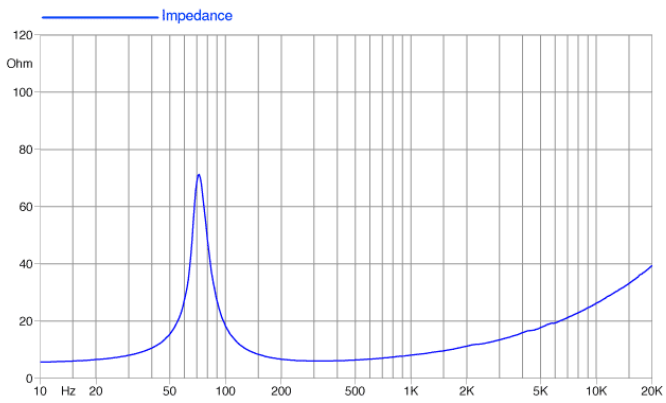
Nominal Impedance	8 Ohm
Minimum Impedance	6.3 Ohm
AES Power Handling **(1)**	80 W
Maximum Power Handling (2)	**160 W**
Sensitivity (1W/1m)	**88 dB**
Frequency Range	63÷6300 Hz
Voice Coil Diameter	**32 mm (1.26 in)**
Winding Material	Cu
Former Material	Kapton
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
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	5.4 Ohm
Qes	0.48
Qms	8.2
Qts	0.45
Vas	5.7 dm^3 (0.20 ft^3)
Sd	84 cm^2 (13.07 in^2)
Xmax **(4)**	5.25 mm
Xdamage **(5)**	9.5 mm
Mms	10.5 g
Bl	6.9 N/A
Le	0.53 mH
Mmd	9.6 g
Cms	0.57 mm/N
Rms	0.52 kg/s
Eta Zero	0.31 %
EBP	135 Hz







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