PROFESSIONAL LOUDSPEAKERS

6FE300

6" - 175 W - 94 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	166.5 mm (6.56 in)
Bolt Circle Diameter	155 mm (6.10 in)
Baffle Cutout Diameter	146 mm (5.75 in)
Depth	81 mm (3.19 in)
Flange and Gasket Thickness	7 mm (0.28 in)
Net Weight	**2.8 kg (6.2 lb)**
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.48 x 7.28 x 4.05 in)
Shipping Weight	3 kg (6.6 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01604323

NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003

(2) Maximum power is defined as 3dB greater than nominal power.

(3) Treated Polycotton

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

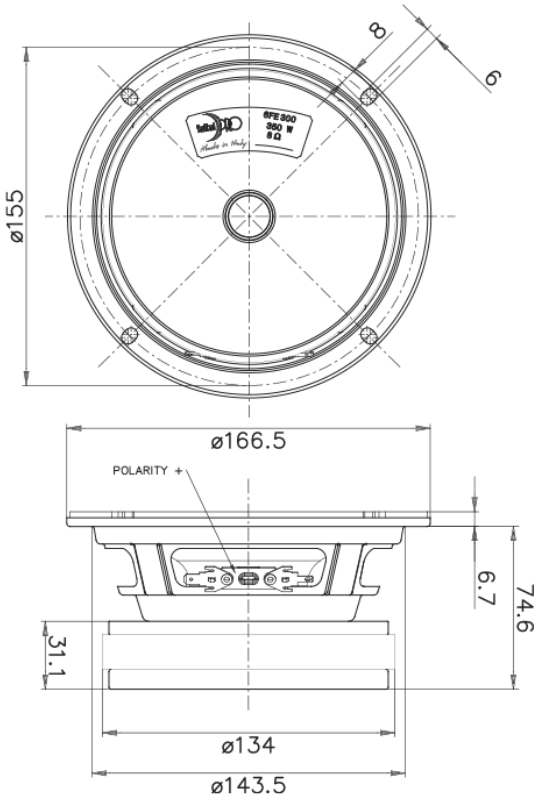
(5) Maximum excursion before permanent damage

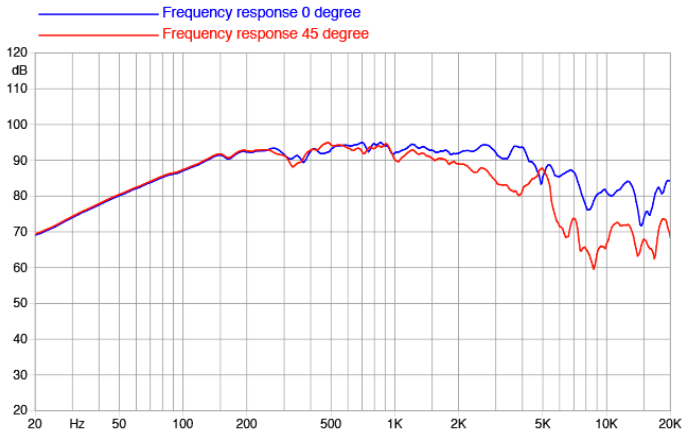
TECHNICAL PARAMETERS

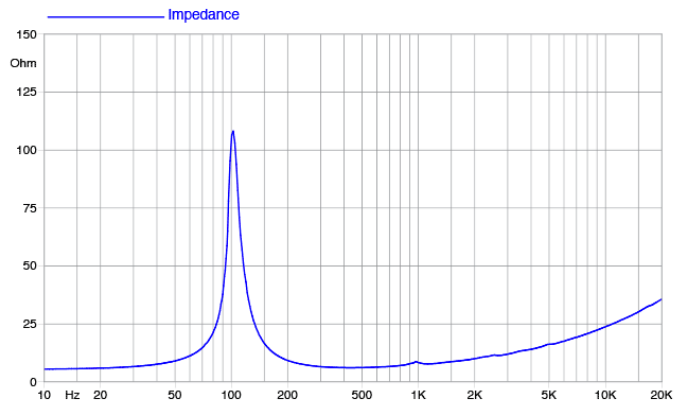
Nominal Impedance	8 Ohm
Minimum Impedance	6.5 Ohm
AES Power Handling **(1)**	175 W
Maximum Power Handling (2)	**350 W**
Sensitivity (1W/1m)	**94 dB**
Frequency Range	90÷4000 Hz
Voice Coil Diameter	**52 mm (2.05 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	9.8 mm (0.39 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.15 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround **(3)**	M-Roll
NET Air Volume filled by Loudspeaker	0.6 dm^3 (0.021 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	5.3 Ohm
Qes	0.48
Qms	10.5
Qts	0.46
Vas	4.7 dm^3 (0.17 ft^3)
Sd	138 cm^2 (21.39 in^2)
Xmax **(4)**	3.90 mm
Xdamage **(5)**	13.1 mm
Mms	14.2 g
Bl	10 N/A
Le	0.4 mH
Mmd	12.4 g
Cms	0.18 mm/N
Rms	0.8 kg/s
Eta Zero	0.97 %
EBP	208 Hz







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