faital PRO PROFESSIONAL LOUDSPEAKERS

6FE400

6" - 200 W - 94 dB - 16 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	84 mm (3.31 in)
Flange and Gasket Thickness	7 mm (0.28 in)
Net Weight	**2.7 kg (6.0 lb)**
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.48 x 7.28 x 4.05 in)
Shipping Weight	2.9 kg (6.4 lb)

PART NUMBER

Faston Terminals - 16 Ohm Version	01604419

NOTES:

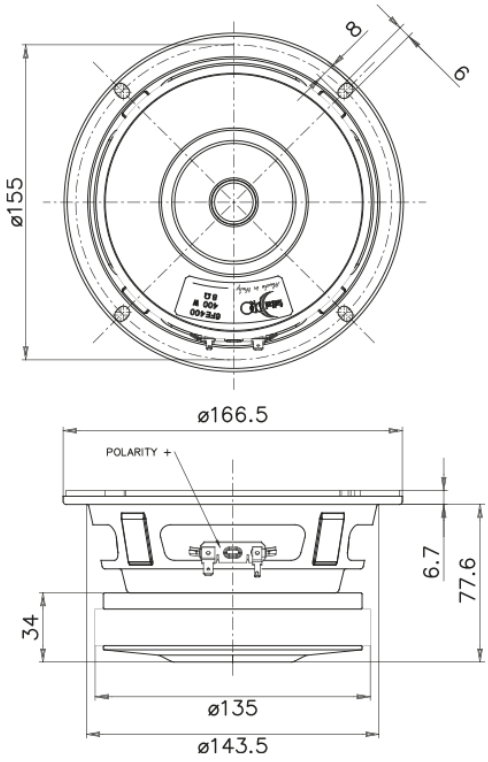
(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Treated Polycotton
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage

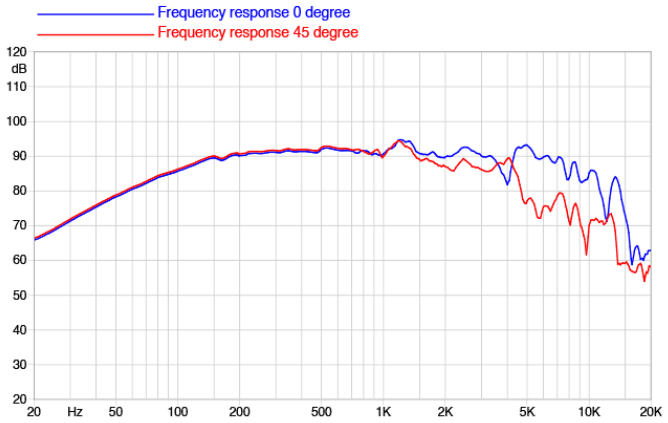
TECHNICAL PARAMETERS

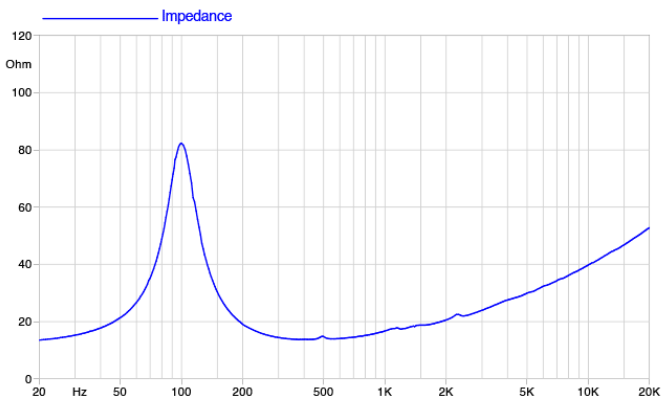
Nominal Impedance	16 Ohm
Minimum Impedance	13.8 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**94 dB**
Frequency Range	100÷7000 Hz
Voice Coil Diameter	**44 mm (1.73 in)**
Winding Material	Al
Former Material	Al
Winding Depth	12.2 mm (0.48 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.10 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	0.7 dm^3 (0.025 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	12.0 Ohm
Qes	0.57
Qms	3.7
Qts	0.50
Vas	5.5 dm^3 (0.19 ft^3)
Sd	141 cm^2 (21.86 in^2)
Xmax **(4)**	4.77 mm
Xdamage **(5)**	15.5 mm
Mms	12.9 g
Bl	13 N/A
Le	0.42 mH
Mmd	11.0 g
Cms	0.20 mm/N
Rms	2.2 kg/s
Eta Zero	0.92 %
EBP	174 Hz







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