faital PRO PROFESSIONAL LOUDSPEAKERS

8FE400

8" - 200 W - 96 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	209 mm (8.23 in)
Bolt Circle Diameter	197 mm (7.76 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	96 mm (3.78 in)
Flange and Gasket Thickness	7 mm (0.28 in)
Net Weight	**2.78 kg (6.1 lb)**
Shipping Box (Single Carton Box)	227 x 224 x 113 mm (8.93 x 8.81 x 4.44 in)
Shipping Weight	2.95 kg (6.5 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	02004386

NOTES:

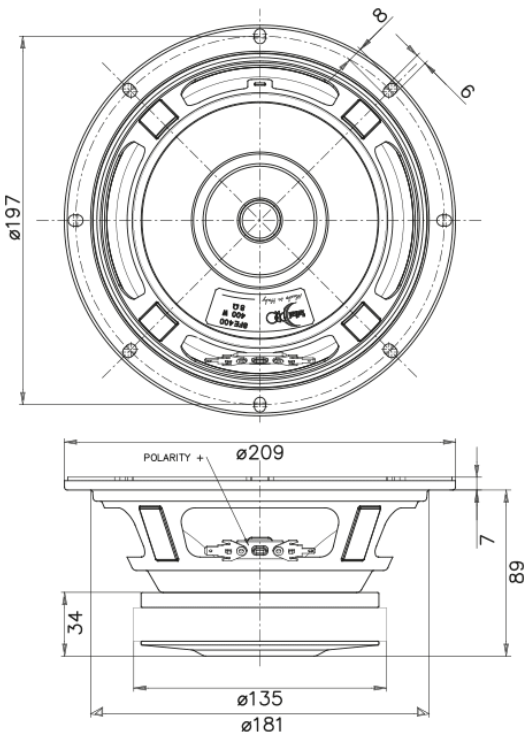
(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Treated Polycotton
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage

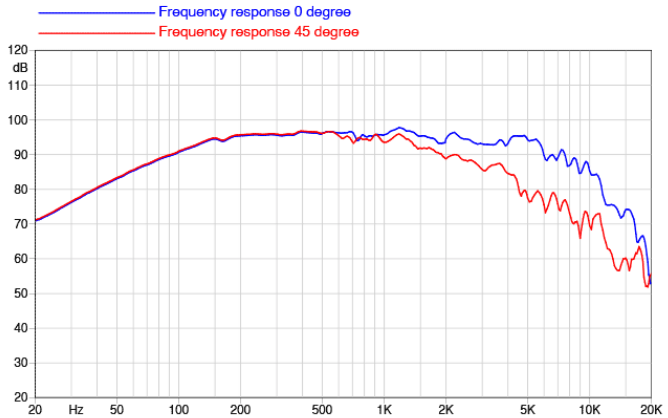
TECHNICAL PARAMETERS

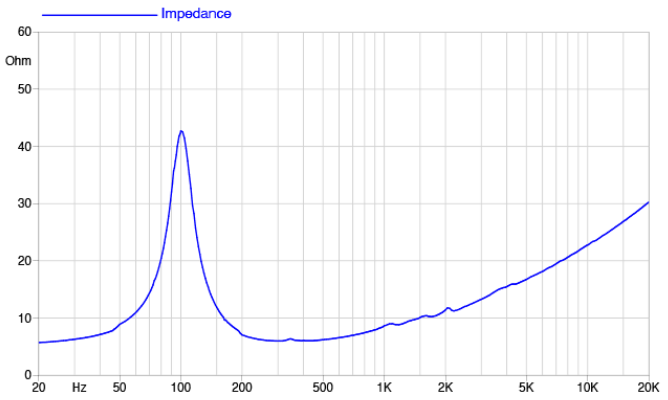
Nominal Impedance	8 Ohm
Minimum Impedance	6.2 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	100÷6000 Hz
Voice Coil Diameter	**44 mm (1.73 in)**
Winding Material	Al
Former Material	Al
Winding Depth	12.2 mm (0.48 in)
Magnetic Gap 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	0.9 dm^3 (0.032 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	5 Ohm
Qes	0.58
Qms	5.3
Qts	0.53
Vas	9.4 dm^3 (0.33 ft^3)
Sd	233 cm^2 (36.12 in^2)
Xmax **(4)**	4.77 mm
Xdamage **(5)**	15.5 mm
Mms	20.5 g
Bl	10.5 N/A
Le	0.44 mH
Mmd	16.5 g
Cms	0.12 mm/N
Rms	2.4 kg/s
Eta Zero	1.56 %
EBP	171 Hz







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