faital PRO PROFESSIONAL LOUDSPEAKERS

4FE44

4" - 40 W - 97 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	100 mm (4 in)
Overall Diameter	129.85/100.5 mm (5.11/3.96 in)
Bolt Circle Diameter	115.26 mm (4.54 in)
Baffle Cutout Diameter	91.5 mm (3.60 in)
Depth	54.1 mm (2.13 in)
Flange and Gasket Thickness	7.2 mm (0.28 in)
Net Weight	**410 g (0.9 lb)**
Shipping Box (Single Carton Box - 8 units)	225 x 225 x 150 mm (8.9 x 8.9 x 5.9 in)
Shipping Weight (8 units)	3.7 kg (8.2 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01004414

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)

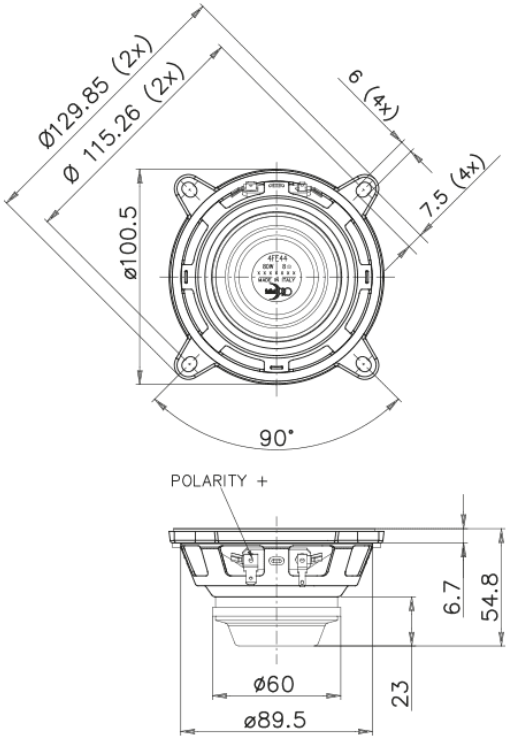
(5) Maximum excursion before permanent damage

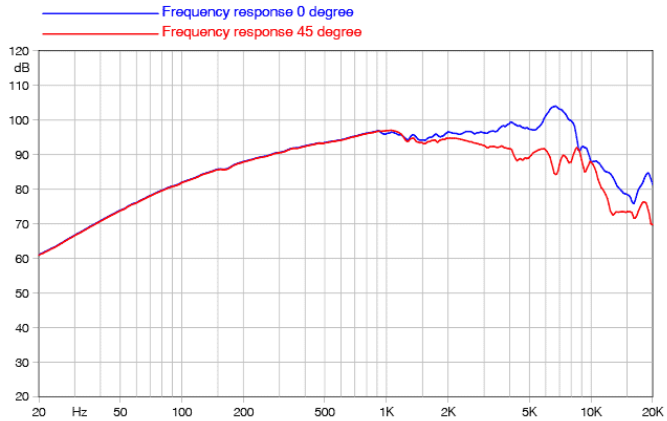
TECHNICAL PARAMETERS

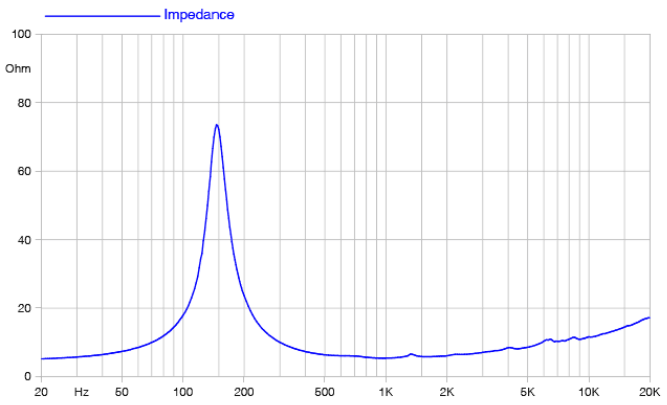
Nominal Impedance	8 Ohm
Minimum Impedance	7.2 Ohm
AES Power Handling **(1)**	40 W
Maximum Power Handling (2)	**80 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	200÷8000 Hz
Voice Coil Diameter	**25 mm (0.98 in)**
Winding Material	Cu
Former Material	Kapton
Winding Depth	5 mm (0.20 in)
Magnetic Gap Depth	**5 mm (0.20 in)**
Flux Density	1.7 T
Magnet	Neodymium Ring
Basket Material	Steel
Demodulation	No
Cone Surround **(3)**	M-Roll
NET Air Volume filled by Loudspeaker	0.150 dm^3 (0.005 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	150 Hz
Re	4.7 Ohm
Qes	0.35
Qms	5.23
Qts	0.33
Vas	1.1 dm^3 (0.04 ft^3)
Sd	51.5 cm^2 (7.98 in^2)
Xmax **(4)**	1.67 mm
Xdamage **(5)**	5.1 mm
Mms	3.9 g
Bl	7.2 N/A
Le	0.16 mH
Mmd	3.5 g
Cms	0.29 mm/N
Rms	0.7 kg/s
Eta Zero	1.05 %
EBP	429 Hz







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