faital PRO PROFESSIONAL LOUDSPEAKERS

4FE32

4" - 30 W - 91 dB - 16 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	100 mm (4 in)
Overall Diameter	129.85/100.5 mm (5.1/3.9 in)
Bolt Circle Diameter	115.26 mm (4.54 in)
Baffle Cutout Diameter	91.5 mm (3.60 in)
Depth	49.8 mm (1.96 in)
Flange and Gasket Thickness	7.2 mm (0.28 in)
Net Weight	**270 g (0.60 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)	2.8 kg (6.17 lb)

PART NUMBER

Faston Terminals - 16 Ohm Version	01004101

TECHNICAL PARAMETERS

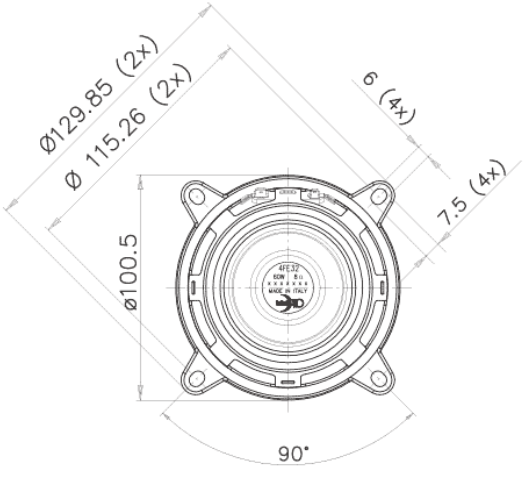
Nominal Impedance	16 Ohm
Minimum Impedance	13.1 Ohm
AES Power Handling **(1)**	30 W
Maximum Power Handling (2)	**60 W**
Sensitivity (1W/1m)	**91 dB**
Frequency Range	90÷20000 Hz
Voice Coil Diameter	**19 mm (0.75 in)**
Winding Material	Al
Former Material	Kapton
Winding Depth	5 mm (0.20 in)
Magnetic Gap Depth	**4 mm (0.16 in)**
Flux Density	1.4 T
Magnet	Neodymium Ring
Basket Material	Steel
Demodulation	No
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	0.075 dm^3 (0.003 ft^3)
Spider Profile	1x constant height waves

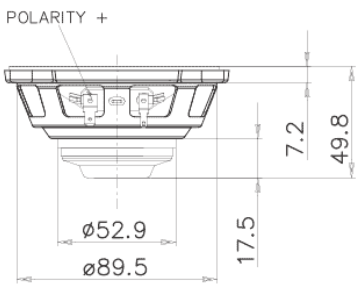
THIELE & SMALL PARAMETERS

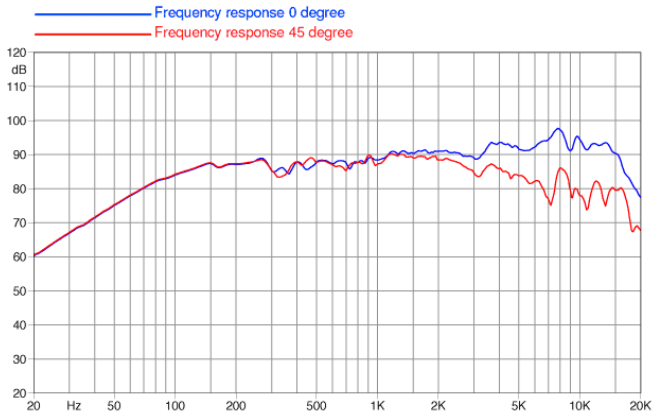
Fs	100 Hz
Re	12.3 Ohm
Qes	1.02
Qms	3.8
Qts	0.81
Vas	2.4 dm^3 (0.08 ft^3)
Sd	51.9 cm^2 (8.04 in^2)
Xmax **(4)**	1.83 mm
Xdamage **(5)**	6.8 mm
Mms	4 g
Bl	5.5 N/A
Le	0.25 mH
Mmd	3.6 g
Cms	0.63 mm/N
Rms	0.7 kg/s
Eta Zero	0.23 %
EBP	98 Hz

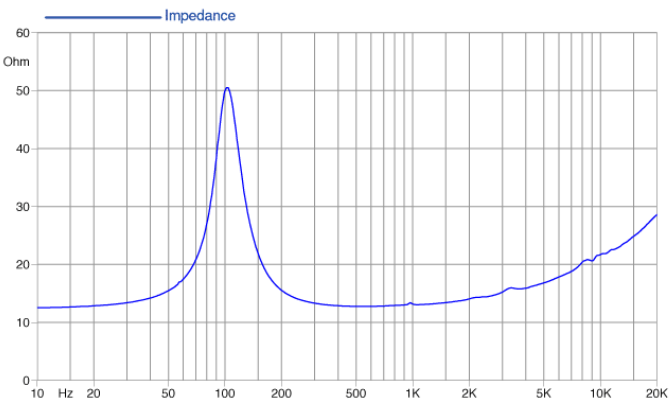
NOTES:

(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









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